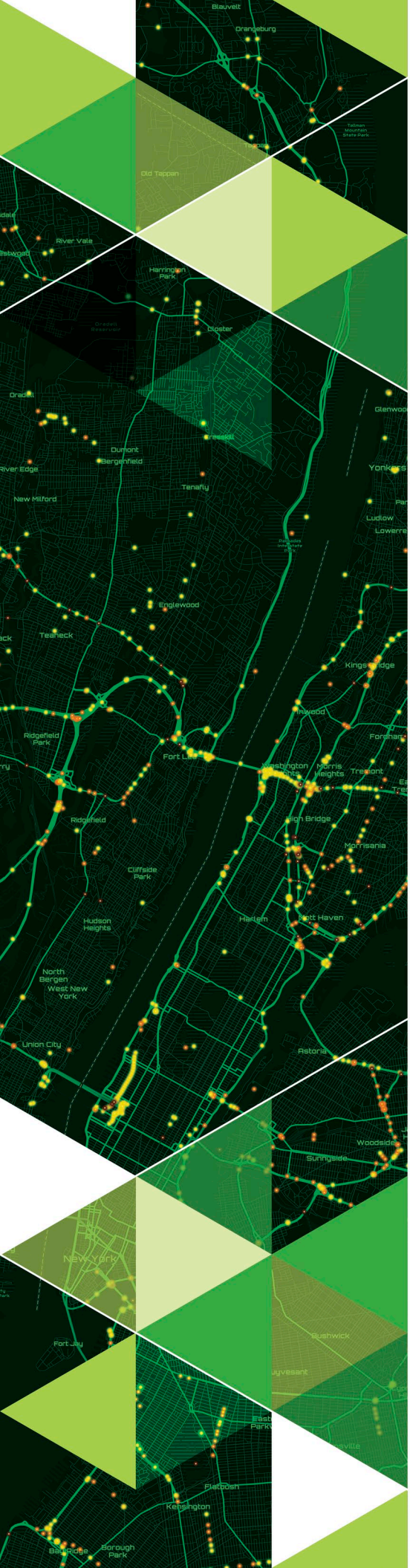

AN ESRI
TECHNICAL PAPER

ArcGIS Pro 3.7, ArcGIS Enterprise 12.1, and ArcGIS Earth 2.7 Enterprise Deployment

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ArcGIS Pro 3.7, ArcGIS Enterprise 12.1, and ArcGIS Earth 2.7 Enterprise Deployment

An Esri Technical Paper

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ArcGIS Pro 3.7, ArcGIS Enterprise 12.1, and ArcGIS Earth 2.7 Enterprise Deployment

Introduction

The ability to distribute software to several users or computers from a centralized location has become a requirement for many administrators. In addition, many companies would like to lock down a user's environment and remove the ability for a user to locally install or update existing software.

To solve these challenges, an administrator can use an enterprise deployment tool, such as Microsoft® Group Policy, System Management Server (SMS), or System Center Configuration Manager (SCCM), to manage the setups, allocating them to users or computers based on their needs. The software, of predetermined properties, is installed without the administrator physically visiting each machine. An administrator will also use an enterprise deployment tool to control a user's environment. These tools enable the administrator to prevent users from installing unauthorized software or removing files that an installed software application still requires.

ArcGIS Enterprise setups can be deployed on Windows, Linux, and Kubernetes. This paper will focus only on Windows platform. ArcGIS Enterprise and ArcGIS Pro windows setups are developed with Microsoft® Windows® Installer technology, allowing ArcGIS software products and patches to be deployed from a central server. With enterprise deployment of ArcGIS products, geographic information system (GIS) managers or system administrators can efficiently plan for and control installations and updates. For example, these maintenance activities can be scheduled when they have the least impact on users or the network. Installations can be targeted to specific groups of users or machines. ArcGIS product version updates throughout an organization can be synchronized. Software can be installed on computers for which users do not have administrative privileges.

ArcGIS Enterprise and ArcGIS Pro setups can be installed on many machines by deploying the MSI or Setup.exe file directly. Any enterprise deployment tool that supports installation using an MSI file can be used to deploy ArcGIS Enterprise and ArcGIS Pro setups. This paper documents the enterprise deployment of ArcGIS Enterprise and ArcGIS Pro setups using the Active Directory® Group Policy and SCCM. The examples consider enterprise deployment in a secure lockdown environment as well as by users with administrative control on their machines.

Enterprise Deployment Using Active Directory—Group Policy or SCCM

The following ArcGIS Enterprise and ArcGIS Pro setups are supported for standard Windows Installer deployment in both a lockdown environment (where the user installing does not have administrative privileges) and an environment where the user installing does have administrative privileges. **Note:** If installing in a lockdown environment, Group Policy must be set to Always install with elevated privileges for the Windows Installer.

- ArcGIS Pro
- ArcGIS Pro Licensing Service
- ArcGIS Pro Language Packs
- ArcGIS Pro Help
- ArcGIS Data Interoperability for Pro
- Deep Learning Libraries for ArcGIS Pro
- ArcGIS Pro Coordinate Systems Data
- DJI Camera Support for ArcGIS Pro
- ArcGIS License Manager 2025.1
- ArcGIS Server 12.1
- ArcGIS Server 12.1 Help Language Pack
- ArcGIS Server 12.1 Resource Language Pack
- Portal for ArcGIS for ArcGIS 12.1
- Portal for ArcGIS for ArcGIS 12.1 Help Language Pack
- Portal for ArcGIS for ArcGIS 12.1 Web Styles
- ArcGIS GeoBIM
- ArcGIS Data Store 12.1
- ArcGIS Data Store 12.1 Help Language Pack
- ArcGIS Web Adaptor (IIS) 12.1
- ArcGIS Web Adaptor (Java Platform) 12.1
- ArcGIS Mission Server 12.1
- ArcGIS Mission Server 12.1 Help Language Pack
- ArcGIS Notebook Server 12.1
- ArcGIS Notebook Server 12.1 Help Language Pack
- GeoEnrichment Server 12.1
- ArcGIS Video Server 12.1
- ArcGIS Video Server 12.1 Help Language Pack
- ArcGIS Data Pipelines Server 12.1
- ArcGIS Data Pipelines Server 12.1 Help Language Pack
- ArcGIS Enterprise Cloud Builder 12.1 for AWS
- ArcGIS Enterprise SDK 12.1
- Deep Learning Libraries for ArcGIS Server 12.1
- ArcGIS Data Interoperability 12.1 for Server
- ArcGIS Coordinate Systems Data
- ArcGIS Earth

Enterprise Deployment Using Chef cookbooks for ArcGIS

Chef is an open-source IT automation framework you can use to automate the creation and maintenance of IT infrastructure. Chef cookbooks are the scripting language of Chef. They provide a repeatable and flexible mechanism to deploy software and hardware.

Esri provides Chef cookbooks to automate ArcGIS Enterprise installation and configuration. You can use them to install ArcGIS Enterprise software components, including other ArcGIS Server sites, and configure them to collaborate with each other. When you run an ArcGIS cookbook, provide configuration information that meets your specific requirements.

ArcGIS cookbooks can help you quickly recover your ArcGIS Enterprise deployment or set up an identical deployment. This doc will focus only on group policy and SCCM. More details on deploying with Chef are available at Chef Cookbooks for ArcGIS.

Enterprise Deployment Using PowerShell DSC for ArcGIS

Esri offers tools to automate your ArcGIS Enterprise deployment using Microsoft PowerShell Desired State Configuration (DSC). You can use the PowerShell DSC for ArcGIS module to automate the installation, uninstallation, and upgrade of an ArcGIS Enterprise deployment, as well as incremental software additions to an existing deployment using the module.

PowerShell DSC for ArcGIS contains sample JSON files to which you add your specific information and parameters before running in the PowerShell console. This doc will focus only on group policy and SCCM. More details on deploying with Chef are available at PowerShell DSC for ArcGIS.

Planning Software Deployment

Before you deploy software, go through the following checklist:

- Download and extract setups.
- System requirements: Client machines should meet system requirements of the setup.
- Setup requirements: Install any setup dependencies or feature dependencies and remove any product conflicts. If the product has an installation guide, read that before deploying the setup. Version ArcGIS 12.1 setups can upgrade the 11.0 - 12.0 setups.
- Licensing: Decide on the software licensing model—single use or named user.
- Deployment method: Decide on the deployment method—Group Policy or SCCM or your preferred tool and customize the setup if needed.
- Install software patches: Check the ArcGIS Resources to see if a patch has been released for it. If yes, you can apply it to the administrative image before deployment.

Download and Extract Setups

- Click the product's download link on My Esri.
- Download and extract the setups.
- Make sure you have write access to your download directory location, as well as your ArcGIS installation directory location, and that no one is accessing it.
  - **Note:** The default Downloads page of My Esri shows the latest versions available. To download a specific version, click All Versions and then select the version required from the drop-down list for the desired product.

System Requirements

Every setup has system requirements that must be met before the setup can proceed with the installation. System requirements consist of supported operating systems and minimum hardware requirements.

- Supported operating systems—Check the system requirements to confirm that machines on which the software is going to be deployed have a supported operating system. The system requirements will list the minimum and maximum version of supported service packs, also. This will help you to know what platform is supported. Some setups, like ArcGIS Coordinate Systems Data can be installed on both 32-bit and 64-bit OSs, and some setups, like ArcGIS Server, can only be installed on a 64-bit OS.
- Hardware requirements—Check the latest hardware requirements. Setups do not have any built-in checks for hardware requirements.

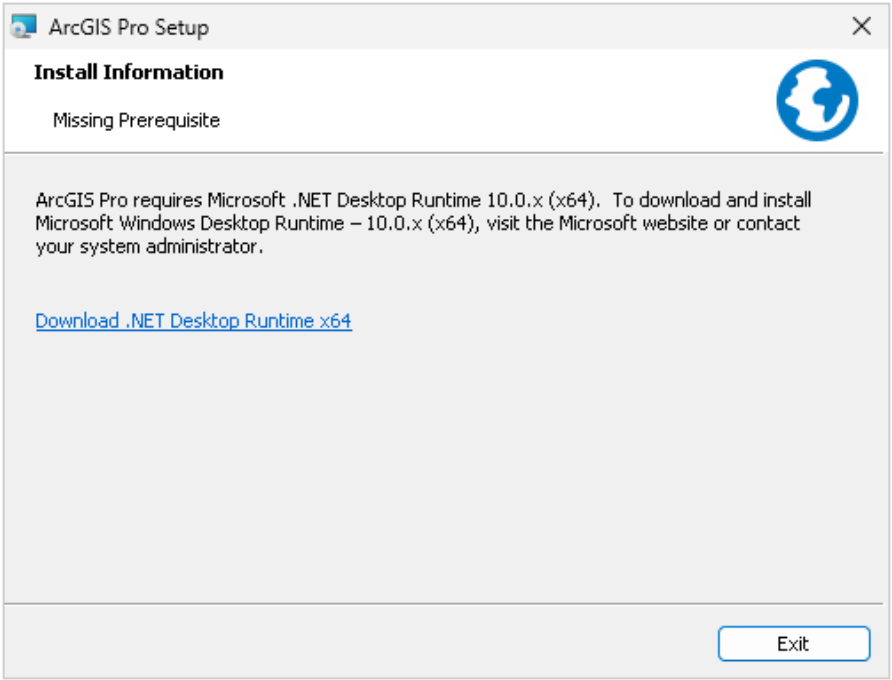
Setup Requirements

Setups check for launch conditions, feature dependencies, and product conflicts.

- Launch conditions

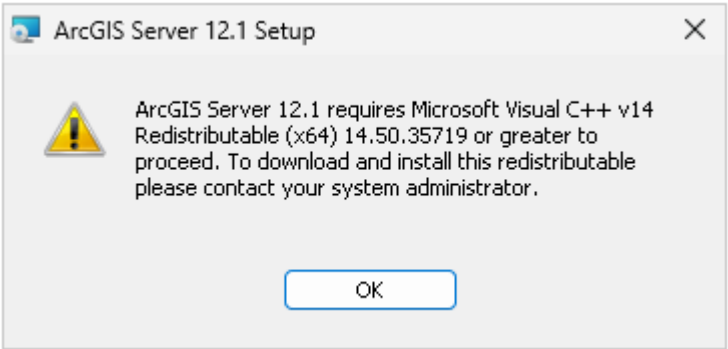
  These are the dependencies that must be met for the setup to run.

  - **System account:** The machine's system account must have full control of the system drive and the drive to which you will be installing.
  - **Microsoft .NET Desktop Runtime:** Some setups, like ArcGIS Pro 3.6, have a setup dependency on Microsoft .NET Desktop Runtime 10.0.x. If the setup does not find it, the following dialog box is displayed:



Note: This dialog box is not displayed if setup is being deployed completely silently.

- **Microsoft Visual C++ Redistributable:** Some setups, like ArcGIS Server 12.1, have a setup dependency on Microsoft Visual C++ redistributable (x64). If the Visual C++ redistributable is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ redistributable is not already installed. If the setup does not find it, the following dialog box is displayed for ArcGIS Server 12.1:



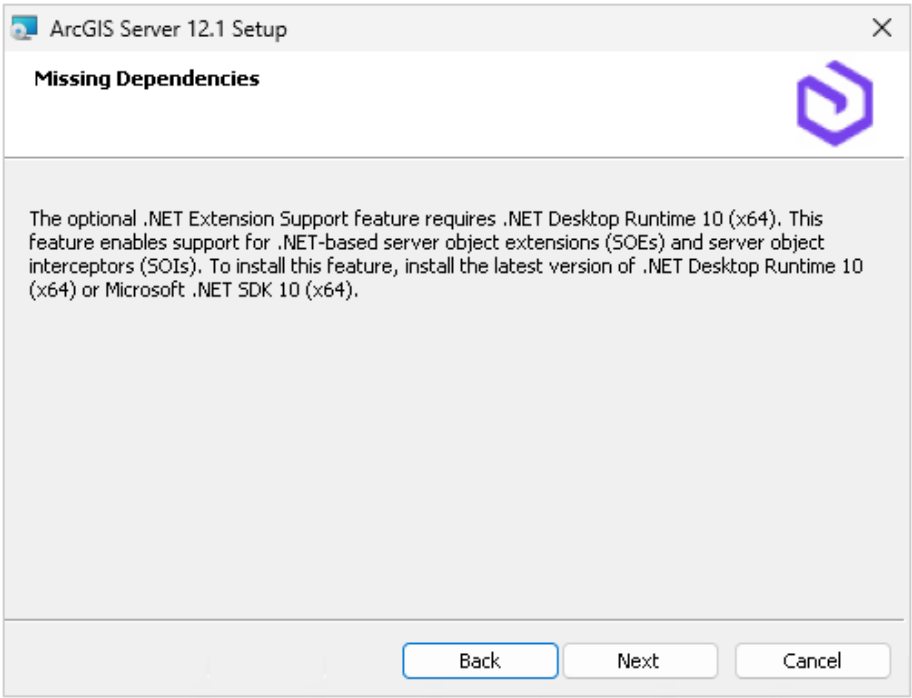
Note: This dialog box is not displayed if setup is being deployed completely silently.

- Feature dependencies

  Setups are made of features that are defined based on the functionality they provide. Feature dependencies do not prevent a setup from being installed, unlike setup dependencies. If a prerequisite for the feature is not found on the machine, that feature will not be available for installation on the Select Features dialog box.

  Unavailable features can be added later by installing the prerequisite and going to Add/Remove Programs > [Product] > Change > Modify. The feature that had been unavailable before should now be visible and marked with a red *X*. Select the feature for installation and follow the on-screen instructions until the installation process has been successfully completed. Uninstalling and reinstalling the software is not required.

  For example, ArcGIS Server 12.1 has a DotNetSupport feature with a dependency on Microsoft .NET 10. If it is not found, the DotNetSupport feature does not show up on the Select Features dialog box.



  Note: This dialog box is not displayed if setup is being deployed completely silently.

  If ArcGIS Server 12.1 has already been installed and you need to install the DotNetSupport feature, install Microsoft .NET 10, then go to Add/Remove programs, click ArcGIS Server 12.1, then click the Uninstall/Change option. This launches the Application Maintenance dialog box. Select Modify and click Next to go to the Select Features dialog box. The DotNetSupport feature will now be available for installation.

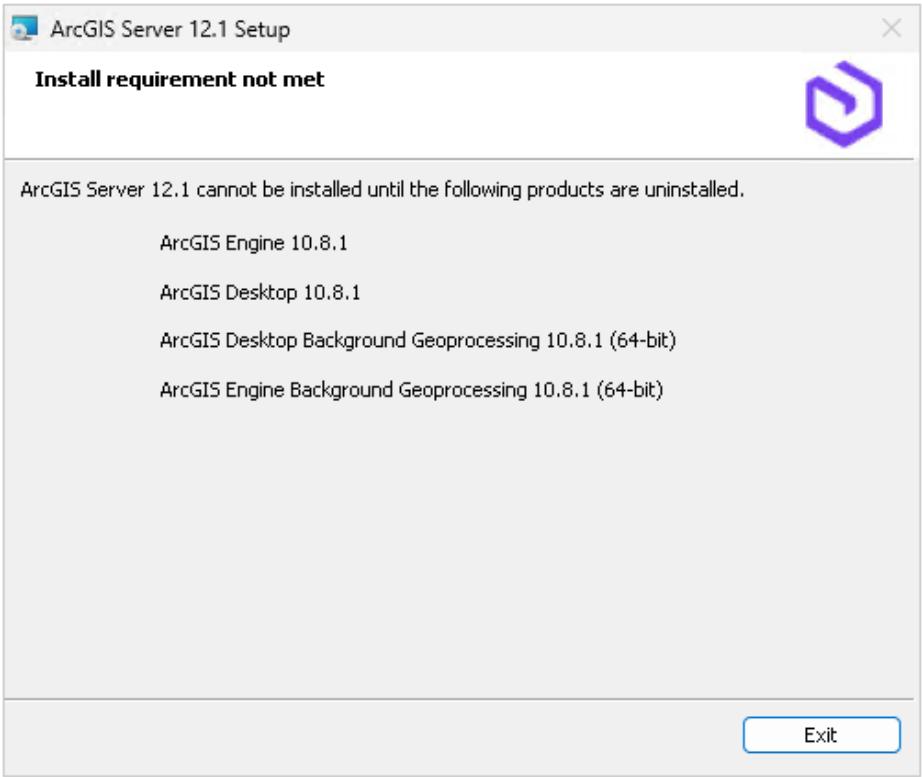
This document lists all setup and feature dependencies for the products that are supported for software deployment. Refer to the individual installation guides for more detail.

- Product conflicts

ArcGIS Pro can be installed on the same machine as other ArcGIS Desktop releases or on a machine without any Esri products. Esri strongly recommends that all sample and third-party extensions or plug-ins be uninstalled before installing a newer version of ArcGIS product. Contact the distributor or manufacturer to confirm that they are supported with ArcGIS Enterprise 12.1 products. If they are, you can install them again after installing ArcGIS Enterprise 12.1 products.

ArcGIS Enterprise 11.0 is considered a major release. Some of the significant changes in this release include decreased compatibility between ArcGIS Enterprise and ArcGIS Desktop. Starting with Enterprise 11.0 release, ArcMap-based workflows are no longer supported in ArcGIS Enterprise. The software now includes the ArcGIS Pro-based runtime and no longer includes the ArcMap-based service runtime.

ArcGIS Server 12.1 cannot be installed on the same machine as any version of ArcGIS Desktop, ArcReader, and ArcGIS Engine clients. The setup will terminate and display a dialog box if conflicting versions of these products exist on your machine. If so, you must uninstall each of them and then run the setup again to proceed with your installation.



Note: This dialog box is not displayed if setup is being deployed completely silently.

Upgrading to 12.1

ArcGIS Enterprise ArcGIS 12.1 setups have been authored as major upgrades to 11.0 - 12.0 setups. They are designed to detect and upgrade an existing installation of 11.0 - 12.0 setups on the target system. If, for example, you already have ArcGIS Server 11.0 installed, the setup will automatically upgrade to ArcGIS Server 12.1. Additionally, you can install ArcGIS Server 12.1 without having a previous version of ArcGIS Server installed on your machine. The same logic applies to other ArcGIS Enterprise ArcGIS 12.1 setups s.

The installation location parent folder is retained, although the upgrade is installed in a <Product>\<Version> folder. After installation, any customizations, add-ons, or third-party applications installed for 11.0 - 12.0 must be reapplied to 12.1. The settings for the installation location and licensing are retained in the upgrade. If you wish to change the installation location, you will need to manually uninstall the 11.0 - 12.0 products before installing the ArcGIS 12.1 setups in the new location.

When upgrading by individual software components, ensure that the version of the ArcGIS Enterprise portal matches the versions of any GeoAnalytics Server sites, Raster Analytics sites, and Image Hosting sites. To learn about the exceptions that support a federated server site at a prior version to the portal, see Federate an ArcGIS Server with your portal.

Licensing for ArcGIS Pro 3.7

An administrator of an organization that has been provisioned for ArcGIS Pro can use two licensing types to manage licenses for members. They are named user license, and single use license. Each license type is managed differently.

- **Named user license**— A named user license is the default license type for ArcGIS Pro. Named user licenses are managed by an administrator through an organization in ArcGIS Online or a local instance of ArcGIS Enterprise. In either environment, the administrator assigns a user type that includes an ArcGIS Pro license to each member in the organization. The user type determines the Pro license level.

  - The Creator user type provides access to ArcGIS Pro Basic.
  - The Professional user type provides access to ArcGIS Pro Standard.
  - The Professional Plus user type provides access to ArcGIS Pro Advanced.

  Once assigned, the user can use their username to log into ArcGIS Pro. ArcGIS Pro will start with license level that was previously assigned to user. A user that was not assigned a user type that included a Pro license cannot start ArcGIS Pro.

  The advantage of a named user license is that the assigned licenses are available to the user at all times. In addition, a single username that was assigned a user type that included an ArcGIS Pro license can log into ArcGIS Pro on up to three separate systems with a restriction that the user can work on one system at a time. Running automated, unsupervised, or scheduled operations on more than one machine is not permitted.

- **Single use license—**Single use licenses are authorized and stored in the local system. Once authorized, any user logging into the machine can start Pro on or off the network. There is no need to connect to ArcGIS Online (AGOL), ArcGIS Enterprise or a license manager. Single use licenses are available in My Esri.

  Within My Esri, a single use license contains an authorization number for the core license level (e.g., Advanced, Standard, or Basic) and one authorization number for every extension. Use the authorization number to authorize a core license level and optional extension licenses. Single use licenses can only be accessed on the authorized machine. Once authorized, anyone with access to that machine can use ArcGIS Pro on or off the network.

  Note:
  As of December 1, 2025, it is no longer possible in My Esri to convert Named User licenses to Single Use or Concurrent Use licenses, or to convert those licenses to Named User licenses.

  - New Single Use licenses must be obtained for ArcGIS Pro 3.7 and later versions.

  - Concurrent Use licenses are not valid for ArcGIS Pro 3.7. This license type was deprecated on July 1, 2025. See the Concurrent Use License Type and ArcGIS License Manager deprecation notice for more information.

  The following properties can be used to configure licensing options for ArcGIS Pro installation:

Parameter	Value	Case Sensitive	Required	Description
SOFTWARE_CLASS	Viewer	Yes	Yes (one of these values)	Installs ArcGIS Pro as Basic level
	Editor			Installs ArcGIS Pro as Standard level
	Professional			Installs ArcGIS Pro as Advanced level
AUTHORIZATION_TYPE	SINGLE_USE	Yes	Yes (one of these values)	Installs ArcGIS Pro as a single use seat
	NAMED_USER	Yes		Installs ArcGIS Pro with a Named User license.

LOCK_AUTH_SETTINGS	True		No	If the authorization type is defined at the command line, then the registry string LOCK_AUTH_SETTINGS is set to True under HKEY_LOCAL_MACHINE\SOFTWARE\Esri\ArcGISPro\Licensing. When LOCK_AUTH_SETTINGS is True, the licensing settings in the registry apply to all ArcGIS Pro users on that machine--an individual user cannot make changes. To allow ArcGIS Pro users on the machine to define their own authorization settings through the ArcGIS Pro application, set LOCK_AUTH_SETTINGS to False.
ARCGIS_CONNECTION		No	No	Specifies whether a connection to arcgis.com should be available from the Portal page.
	TRUE			To include the connection, set this property to "TRUE".
	FALSE			If set to "FALSE", the connection will not appear on the Portal page.
PORTAL_LIST	<portalURL1>; <portalURL2>	No	No	To add one or more portal connections to the Portal page, set Portal_List="<portalURL1>; <portalURL2>". Use semicolons to separate portal URLs. If "ArcGIS_Connection" is set to "False", this property cannot contain "arcgis.com". If your portal supports HTTPS, it is strongly recommended that the Portal_List URL(s) uses HTTPS.

LICENSE_URL	<portalURL>	No	No	To specify the URL of the Named User licensing portal, set License_URL="<portalURL>". If "ArcGIS_Connection" is set to "False", "License_URL" cannot contain "arcgis.com". To use this property, "AUTHORIZATION_TYPE" must be set to "NAMED_USER".

- **Named user license command line**

  Named user licensing for per machine installs

```
msiexec.exe /i <Path to ArcGIS Pro msi> /qb ALLUSERS=1 SOFTWARE_CLASS=Professional
AUTHORIZATION_TYPE=NAMED_USER License_URL="<portalURL>"
```

  Named user licensing for per user installs

```
msiexec.exe /i <Path to ArcGIS Pro msi> /qb ALLUSERS=2 MSIINSTALLPERUSER=1
SOFTWARE_CLASS=Professional AUTHORIZATION_TYPE=NAMED_USER
License_URL="<portalURL>"
```

- **Single use license command line**

  Single use licensing for per machine installs

  Install setup

```
msiexec.exe /i <Path to ArcGIS Pro msi> /qb ALLUSERS=1 SOFTWARE_CLASS=Professional
AUTHORIZATION_TYPE=SINGLE_USE
```

  Authorize product

```
%ProgramFiles%\ArcGIS\Pro\bin\SoftwareAuthorizationPro.exe"/LIF <Location of prvc> /s
```

  Single use licensing for per user installs

  Install setup

```
msiexec.exe /i <Path to ArcGIS Pro msi> /qb ALLUSERS=2 MSIINSTALLPERUSER=1
SOFTWARE_CLASS=Professional AUTHORIZATION_TYPE=SINGLE_USE
```

  Install ArcGIS Licensing Service setup

```
msiexec.exe /i <Path to ArcGIS Licensing Service msi> /qb
```

  Authorize product

```
%ProgramFiles%\ArcGIS\Pro\bin\SoftwareAuthorizationPro.exe"/LIF <Location of prvc> /s
```

Installing ArcGIS Licensing Service

- The ArcGIS Licensing Service setup is installed with ArcGIS Pro. It is required for a per user installation of ArcGIS Pro to utilize single use licensing. The ArcGIS Licensing Service setup installs the 64-bit Flex Net

service. The Flex Net service is automatically installed by a per machine instance of ArcGIS Pro; the Pro Licensing setup is only necessary to support per user installations.

- To install the ArcGIS Licensing Service, run ArcGISLS.msi in "<ArcGIS Pro installation directory>\Resources\ArcGIS Licensing Service" and follow the prompts. This requires administrative privileges.

More information regarding ArcGIS Pro licensing is available at ArcGIS Pro license types.

Install software patches and updates

Esri periodically releases software patches and updates for all components of ArcGIS, including ArcGIS Enterprise. Patches and updates are announced on the Patches and Updates page on the Esri Support website. You can also check whether updates are available using a patchnotification utility installed with the software.

The patchnotification utility reports patch and update information for ArcGIS Enterprise components, server roles, and extensions except for ArcGIS Web Adaptor. It will also display a list of installed patches and QFEs at the bottom of the dialog box. If more than one of these products are installed on the machine, update information for those products will also be reported.

Enterprise Deployment Using Active Directory and Group Policy

Introduction

Using Group Policy as an enterprise deployment tool requires an Active Directory environment. The Active Directory environment consists of a domain controller with a server operating system, like Windows Server 2022, and Windows Server 2025 to manage the domain and desktop clients like Windows 11. Group Policy includes a software installation extension that enables the domain controller to manage setups that can be assigned to users or computers or can be published to users. These setups must be created with Microsoft Windows Installer technology. The deployment package can be customized using a transform (.mst) file. The transform file can be used to specify the software seat, installation directory, and license manager as required. Once a package is deployed, either assigned or published, it is displayed in the Add/Remove Programs dialog box. An authorized user launches the setup from Add New Programs. Packages can be set to Always install with elevated privileges, enabling the Windows Installer to run as the local machine's system account. For more information on Group Policy software deployment, see www.microsoft.com.

The domain controller should be used to uninstall ArcGIS. When the software is deployed per user and many different users install it, using the Add/Remove Programs dialog box to uninstall will remove all the files and registry keys for this product, but the software shortcuts will remain on the machine for other users. This may confuse users when their shortcuts fail to work because the files have been

uninstalled. The Add/Remove Programs dialog box for these users will also state that the product is still installed on the machine. To avoid these issues, uninstall using the Group Policy's Remove option. When the software is deployed per machine, the Control Panel's Add/Remove Programs dialog box does not enable you to remove the software unless you have administrative privileges; using Group Policy to manage the uninstall of the software will uninstall with elevated privileges for all users.

If deploying the software in a lockdown environment, you will need to modify Group Policy so that the Windows Installer is set to Always install with elevated privileges (both user and computer configuration).

Deploying software to client machines is a multistep process involving first creating the software distribution share followed by creating a Group Policy Object (GPO), editing the GPO, enforcing the GPO, and finally initiating software installation on the client machine.

Create Software Distribution Share

Before the software can be deployed, it must be copied to a network share for easy access. It is recommended that an administrative installation be done first and that the network share be used to deploy to client machines. This method supports the Group Policy method of redeploying the setup package after a patch has been applied.

You can perform an administrative installation on the server using the standard msiexec command line parameters:

```
msiexec /a <setup location>\setup.msi /qb TARGETDIR=<installation directory>/<Version>/<product name>
```

It is important to include the TARGETDIR property; otherwise, the installation directory will default to the drive with the emptiest disk space including mapped drives. If the /qb parameter is not included, the setup dialog will be launched, and that can be used to finish the administrative installation. Also, remember to include the version and product name in the TARGETDIR. This helps prevent overwriting the administrative image by mistake.

For patch deployment, you will patch the administrative installation on the server, then redeploy the package to your clients. Do not delete this administrative installation; it is required for modifying installation features and additional patching. See the Deploying Patches Using Group Policy section for more information.

Some setups have files that are located in a directory structure that can potentially exceed the Windows 256-character limit. If the Windows character limit is exceeded, you will receive installation error 1335. There are two workarounds for this issue: you can either perform an administrative installation to a directory structure that does not exceed the above limits, or you can perform an administrative installation at the command line with the additional parameter of SHORTFILENAMES=TRUE.

```
msiexec /a <setup location>\setup.msi /qb TARGETDIR= <installation directory>/<Version>/<product name> SHORTFILENAMES=TRUE
```

After the administrative or shortfile administrative installation is done, share the folder and modify security permissions so that client machines can access the network share.

Create New GPO

1. Start Group Policy Management Console (GPMC). GPMC consists of a Microsoft Management Console (MMC) snap-in and a set of programmable interfaces for managing Group Policy. GPMC is included with Remote Server Administration Tools (RSAT). Installing RSAT does not automatically install GPMC. To install GPMC after you install RSAT, go to Server Manager and add it as a feature:

   Start > Run > gpmc.msc

2. Browse to your domain and your organizational unit (OU), then right-click and click Create a GPO in this domain and link it here.

   Organizational units are Active Directory containers into which you can place users, groups, computers, and other organizational units. An organizational unit is the smallest scope or unit to which you can assign Group Policy settings or delegate administrative authority.

3. Provide a value for the name.

Edit GPO

To launch Group Policy Management Editor, right-click GPO and click Edit.

The Group Policy snap-in contains the following major branches:

- **Computer Configuration:** Administrators can use Computer Configuration to set policies that are applied to a computer regardless of who logs on. Computer Configuration typically contains sub items for software settings, Windows settings, and administrative templates.

  For most products except for like ArcGIS Pro, setups assign the application to a computer. ArcGIS Pro can be assigned to either a computer or user.

  In this example, GPO has been named ArcGIS Server 12.1.

  1. Go to ArcGIS Server 12.1 > Computer Configuration > Policies > Software Settings > Software Installation. Then right-click and click New Package.

  2. Browse to the folder that contains the MSI and select it. Always use a UNC path to browse to the MSI file. This share should have security rights configured so that the client machines can also access it.

  3. Choose the Advanced option and click OK. The Publish option is not available because you will assign to Computer.

  4. After the GPO Properties dialog box appears, go to the Deployment tab, and check the Uninstall this application when it falls out of the scope of management check box. This option is needed during uninstallation.

5. After the ArcGIS Server 12.1 package shows up in the right pane (this takes a minute or two), close Group Policy Management Editor.

- **User Configuration:** Administrators can use User Configuration to set policies that apply to users regardless of which computer they log on to. User Configuration typically contains sub items for software settings, Windows settings, and administrative templates.

  It is not recommended that you assign an ArcGIS setup package except the ArcGIS Pro setups to a user. Assigning an ArcGIS setup to a user will not successfully add a shortcut to your desktop, and the setup will not auto install by file extension activation.

  In this example, GPO has been named ArcGIS Pro.

  1. Go to ArcGIS Pro > User Configuration > Policies > Software Settings > Software Installation. Then right-click and click New Package.

  2. Browse to the folder that contains the MSI and select it. Always use a UNC path to browse to the MSI file. This share should have security rights configured so that the client machines can also access it.

  3. Choose the Advanced option and click OK.

  4. After the GPO Properties dialog box appears, go to the Deployment tab, and unselect the Auto install option under Deployment options. Select the Assigned option under Deployment Type.

  5. Check the Uninstall this application when it falls out of the scope of the management check box. This option is needed during uninstallation.

     a. Select Install this application at logon to initiate group policy software installation when a user logs on.

     b. To prevent users from starting installation on their own, select Do not display this package in the Add/Remove Programs control panel.

     c. To prevent the user from seeing any dialog boxes during installation, select the Basic option under the Installation interface user options.

  6. Click OK and then close Group Policy Management Editor.

ArcGIS Pro setups can be assigned to a user or computer. Use the following criteria to decide what option to choose:

- If all users on the computer need to use ArcGIS Pro, then assign it to computer.
- If only a particular user needs it, then assign it to the user.

Enforce GPO

GPO will now show up in the OU folder. Right-click GPO and click Enforced.

Start Software Installation

For computer assignment, reboot the client machine to install the software. Software installation happens before any user is logged in. This is foreground policy processing. For software installation Group Policy, foreground processing must be running synchronously.

Synchronous processes can be described as a series of processes where one process must finish running before the next one begins. It can sometimes take two reboots for a package to be deployed. Confirm that the software has been installed by opening Add/Remove Programs.

On Windows Vista and higher operating systems, a generic Please wait message is displayed while the application is being installed. To change this, enable Verbose vs. normal status messages policy Group Policy and then link and enforce the GPO to the relevant OU. After that, the name of the application that is being deployed is shown during the installation process.

If the Install this application at logon option was selected for user assignment, then log off and log on to the client machine to start the installation. Just like computer assignment, the software installation happens before user login. For user assignment, the application is also available to be installed in Add or Remove Programs > Install a program from the network.

Upgrading to 12.1

If you created a new GPO without any upgrade information for the ArcGIS 12.1 setups, you have to use that to uninstall. If you are upgrading from 11.0 - 12.0 to 12.1, there are several options depending on how GPOs are grouped together and implemented in your organizational unit and domain. First is to create a new GPO without an upgrade specification. Second is to create a new 12.1 GPO and specify the 11.0 - 12.0 GPO and 11.0 - 12.0 package. Third is to modify the existing 11.0 - 12.0 GPO and add the 12.1 package in it.

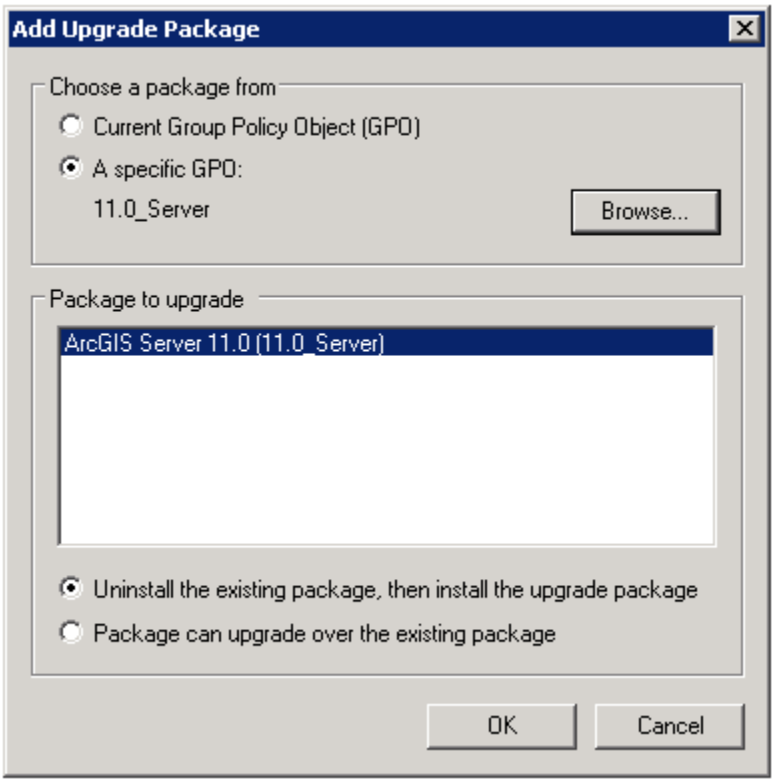
New 12.1 GPO with no upgrade information: The first option is what was just done in the steps mentioned above for Create New GPO and Edit GPO. There is no requirement to add the upgrade information because the default behavior of the 12.1 MSI setup is to uninstall the 11.0 - 12.0 setup and then install the ArcGIS 12.1 in one seamless step.

New 12.1 upgrade GPO: The second option is to create a new GPO for 12.1 and add the 12.1 package to it.

- For example, create a new GPO named ArcGIS Server 12.1 using the steps mentioned above for Create New GPO and new package in it for ArcGIS Server 12.1 using Edit GPO.
- In the Group Policy Management Editor, right-click the ArcGIS Server 12.1 package and click Properties. After the GPO Properties dialog box appears, go to the Upgrade tab, and click the Add button.
- In the Add Upgrade Package dialog box, click the A specific GPO button and then click the Browse button.

- For example, if you have an existing GPO for ArcGIS Server 11.0, select the GPO and click OK.

- In the Add Upgrade Package dialog box, you can choose either the Uninstall the existing package, then install the upgrade package option or the Package can upgrade over the existing package option. Click OK and close the Group Policy Management Editor.



Modify existing 11.0 - 12.0 GPO: The third option is to modify the existing 11.0 - 12.0 GPO.

- For example, if you have an existing GPO for ArcGIS Server 11.0 and there is a package in it for ArcGIS Server 11.0, open the GPO in the GPO editor and create a new package and select the ArcGIS Server 12.1 MSI file. This will create a package named ArcGIS Server 12.1 and automatically add the option to upgrade the ArcGIS Server 11.0 package.

- If the upgrade option does not show up, right-click the package and select Properties. Go to the Upgrade tab and click the Add button. Click the Current Group Policy button and then browse to the ArcGIS Server 12.1 package.

Customize Group Policy Installation

Group Policy software distribution can only deploy an MSI file. It cannot accept any command line parameters. The only way to customize the setup installation is to generate a Microsoft transform (.mst) file and link it to the MSI file while creating the software installation GPO.

An MST file can be used to install a setup with predefined properties. The MSI file and the MST file are then used to deploy the setup. The MST file customizations can include the installation location, license manager, installation type, features to install, software product type, and so forth.

Transforms for setup.msi can be created using Orca, a free tool available with the Microsoft Installer software developer kit (SDK). Install the latest version of Microsoft SDK. Browse to “C:\Program Files (x86)\Windows Kits\10\bin\<Version>\x86” and launch Orca-x86_en-us.msi. The actual path will vary based on the version of the SDK. This will install Orca. Other tools are available that use a wizard to create transform files, for example, Wise for Windows Installer and InstallShield Admin Studio.

You will need to use a transform file to set the installation directory to a location other than the default and to specify your software type.

Creating Transforms

To create transforms, open setup.msi in Orca. On the main toolbar, navigate to Transform > New Transform. Now start modifying tables to customize the setup.

- Modify properties.

  Many aspects of the installation can be modified by just changing the values of properties in the property table. A complete list of what properties can be modified is included in the command line table of the products section of this document. Following are some examples of how to modify properties:

- Change the features selected for installation.

  - To install a feature in a feature table, change the level to 1.
  - To prevent features from being installed, change the level from 1 to any number greater than 100.

  The features specified using a transform should replicate the selection of features in the Add/Remove dialog box. If you want to create a transform that adds an installation feature to an existing setup, that transform must include the features that are already installed on the machine and the feature you would like to add. If you do not include the already installed features, they will be uninstalled while the added feature and its associated features are installed.

- Change the default installation location.

  - Changing INSTALLDIR instructions is specific to every product. See the Transform section of the product in this document for more details.

- For ArcGIS Server in the CustomAction table, locate the custom action GET_INST_LOC.
- The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyServer\.

Applying a Transform

1. Choose the Advanced option when creating a new package.
2. After the GPO properties dialog box appears, select the Modifications tab and add the transform file.

Now, when the application is deployed, it will have all your customizations in it. Transforms can only be added to the GPO during the GPO creation process. It is not possible to add a transform to an existing software installation GPO.

Deploying Localized Setups Using Group Policy

Some Esri setups are available as localized setups, and some also come with language pack setups that localize the application. If the product being deployed has a localized setup available, you can deploy the localized version of the setup.

All localized setup data is stored in .mst files and embedded in the MSI file. To deploy the localized setup, first check what languages are available for localized setup, extract the .mst files, and then apply them on the MSI file while creating the GPO. You will need WISubStg.vbs and msidb.exe to do so. Both of these utilities are available as part of Windows Installer SDK, which can be downloaded from www.microsoft.com.

After the SDK is installed, these utilities will be in the following location (the actual path will vary based on the version of the SDK and operating system):

- C:\Program Files (x86)\Windows Kits\10\bin\<Version>\x86\wisubstg.vbs
- C:\Program Files (x86)\Windows Kits\10\bin\<Version>\x86\MsiDb.Exe

The deployment workflow is to create the localized setup GPO, create the language pack GPO, and then have the correct GPO link order.

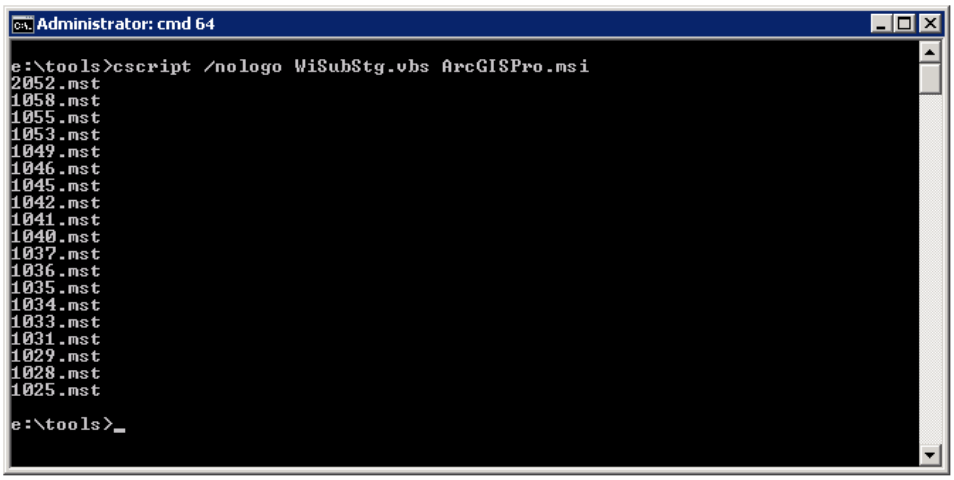
Create Localized Setup GPO

When assigning to a computer, the application is installed silently, and no setup dialog boxes are displayed on the client machine. If you open the setup via Add/Remove Programs, the setup dialog boxes will be displayed in English. If you would like to have these dialog boxes shown in a localized GUI, you have to deploy the localized setup, which involves extracting the .mst file from the MSI file and then applying it during GPO creation. If you are going to uninstall the application by Group Policy, it is uninstalled silently, and users will not see the setup dialog boxes. So, create the localized setup GPO only if you need to modify the installation manually on a client machine by going to Add/Remove Programs.

- See available transform files.

  Use WISubStg.vbs to see what .mst files are embedded.

```
cscript WiSubStg.vbs [path to database] [path to file] [options]
```



For example, ArcGIS Pro has 19 .mst files. The following table shows the language code for each .mst file.

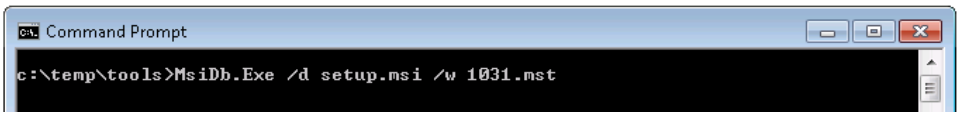
Language	Language Code
Arabic	1025
Chinese_CN	2052
French	1036
German	1031
Italian	1040
Japanese	1041
Portuguese_BR	1046
English	1033
Russian	1049
Spanish	1034
Turkish	1055
Finnish	1035
Korean	1042
Hebrew	1037
Czech	1029
Swedish	1053
Polish	1045
Chinese_TW	1028
Ukrainian	1058

- Extract transform files.

  Use MsiDb to extract the .mst files. This tool is used to import and export database tables and streams, merge databases, and apply transforms.

```
MsiDb.Exe /d <Path to msi> /w <Language Code>.mst
```

In the following example, the German .mst is being extracted from setup.msi, by extracting 1031.mst into the folder containing MsiDb.Exe.



- Create GPO.

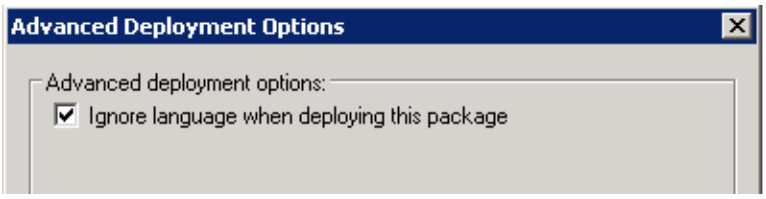
  Apply transform during the GPO creation process.

  - Choose the Advanced option when creating a new package.
  - After the GPO properties dialog box appears, select the Modifications tab and add the transform file. Now when the application is deployed, it will deploy as a localized setup. This can be confirmed by going to Add/Remove Programs and launching the uninstallation. Setup dialog boxes will have localized text.

Create Language Pack GPO

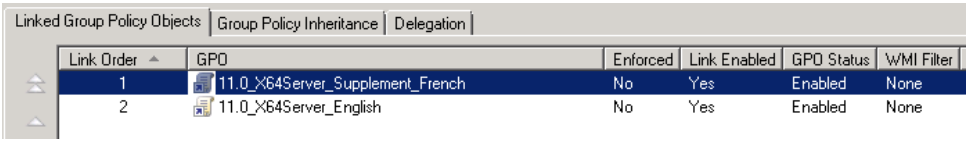
If the application has a language pack setup, create a GPO for that too. For example, ArcGIS Server 11.0 has 10 language pack setups. If you need localized German applications, choose the German language pack MSI while creating the language pack GPO.

While creating the GPO, go to the Deployment tab and click Advanced. Check the option Ignore language when deploying this package.



GPO Link Order

Link this GPO to the same OU that has localized setup GPO. Now this OU has two GPOs, and they need to be ordered correctly. If a language pack GPO is installed before the localized setup GPO, it will fail, because language packs have a setup dependency on the ArcGIS Server 11.0 setup. The GPO with the lowest link order is processed last. The correct link order will look like the following:



After both these GPOs are processed on the client machine, you will have a localized setup and localized application.

Deploying Patches and QFEs Using Group Policy

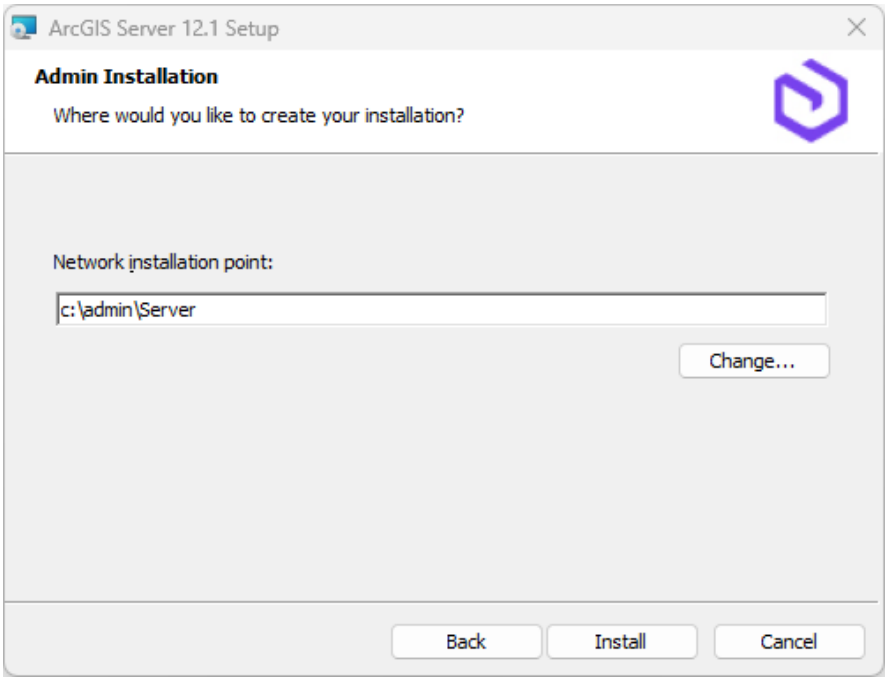
All ArcGIS Enterprise patches and QFEs are available as individual Windows Installer Patch (.msp) files that upgrade an existing installation. An .msp file cannot be directly deployed as a package using Group Policy software deployment. To deploy an .msp file, follow these steps:

- Apply the .msp file to the administrative installation using the following command line:

```
msiexec /a <location of ArcGIS administrative installation>\setup.msi /p <location of patch>\<patch name>.msp
```

For example: msiexec /a c:\admins\Server\setup.msi /p c:\admins\Server\Serverpatch.msp

The image below shows the setup dialog box that is displayed when you launch the command to apply a patch to an administrative installation location. To do this silently, append a /qb switch to the command line and include the TARGETDIR parameter.



Once the command is launched to apply the msp to the administrative installation, the setup dialog box will prompt you for the network installation location. This installation location will be prepopulated with the location of your administrative installation. Do not change this location; you want the files in this location to be updated with the patch changes.

Once the setup is complete, the setup.msi will have been updated with the patch changes. The date of the setup.msi will be updated to the current date. After the administrative image has been updated with the patch, the patch cannot be removed from the administrative image.

- Redeploy the ArcGIS package.

  1. Select the package in the GPMC, right-click, and click Edit.

  2. In Group Policy Management Editor, select GPO > Computer Configuration > Policies > Software Settings > Software installation.

  3. Right-click the package and click All tasks > Redeploy application.

  4. Click Yes to the message, confirming that you want to redeploy the application.

- Redeployment of the application occurs on the next logon or reboot, depending on how the application was deployed (user-based deployment or computer-based deployment). For more information on applying patches to an administrative installation, see Microsoft Knowledge Base Article.

Uninstalling Setups Deployed Using Group Policy

There are two ways to uninstall setups that were deployed using Group Policy:

- For uninstalling on specific computers, remove the computer account from the OU and reboot the computer. The application will be uninstalled during the boot-up process.

- If you want to uninstall an application from all computers to which the GPO has been linked and enabled, follow the steps below:

  1. Right-click GPO in GPMC > Edit.

  2. In Group Policy Management Editor, go to Computer Configuration > Policies > Software Settings > Software installation.

  3. In the right pane, select the application and right click it. Click All Tasks > Remove.

  4. Click Immediately uninstall the software from users and computers and click OK.

  The next time the computer reboots, the product will be uninstalled.

Enterprise Deployment Using SMS/SCCM

Introduction

Using SMS or SCCM as an enterprise deployment tool enables software to be distributed to all Windows operating systems using the software distribution feature. Enterprise deployment with SMS or SCCM allows distribution of software to computers without having to physically visit the location of the computers. Instead, a package is created that contains the program. For ArcGIS Enterprise and ArcGIS

Pro setups, the MSI file is bundled with the msiexec command line parameters to create a package.

The package is then distributed to collections, which are computers or groups of users. Once a package has been distributed, client machines are alerted, and the user can choose to install the package immediately or schedule a time for installation. Packages can be run with administrative rights even if the user who is logged on is not an administrator. Packages can also be set to run whether or not a user is logged on to the machine. For more information on SMS and SCCM, see www.microsoft.com. Deploying software to client machines is a multistep process involving creating the software distribution share; creating a package, program, and advertisement; and, finally, initiating software installation on the client machine.

Create Software Distribution Share

Before the software can be deployed, it must be copied to a network share for easy access. If you are starting at a point where there are patches already available for the application that is being deployed, you have a choice to make: create an administrative image, apply a patch on it, and then deploy, or deploy the main setup and patch separately.

- Copy setup files to a network share.

  1. Copy the entire contents of the extracted setup files folder to your server machine for deployment. You cannot copy just the MSI file to your server machine for deployment; other associated files are also required.

  2. At the Create Program step, create different programs for the main setup and the patch and deploy them in sequence.

Or:

- Create an administrative image of the setup.

  1. You can create an administrative installation on the server using the standard msiexec command line parameters:

     ```
     msiexec /a <setup location>\setup.msi /qb TARGETDIR= <installation
     directory>/<Version>/<product name>
     ```

     It is important to include the TARGETDIR property; otherwise, INSTALLDIR will default to the drive with the most empty space including mapped drives. If a /qb parameter is not included, the setup dialog box will be launched, and that can be used to finish the administrative installation.

     Some setups have files that are located in a directory structure that would exceed the Windows 256-character limit. If the Windows character limit is exceeded, you will receive installation error 1335. There are two workarounds for this issue: perform either an administrative installation to a directory structure that does not exceed the above limits or an administrative installation at the command line with the additional parameter of SHORTFILENAMES=TRUE:

```
msiexec /a <setup location>\setup.msi /qb TARGETDIR= <installation
directory>/<Version>/<product name> SHORTFILENAMES=TRUE
```

2. Patch the administrative installation using the following:

```
msiexec /a <location of the admin installation>\setup.msi /p <location of the .msp
file>\<patch name>.msp.
```

   Do not delete this administrative installation; it is required for modifying installation features and additional patching.

3. At the Create Program step, create one program.

The first method is more efficient in terms of network usage. While applying a patch, only the bits for a patch are sent to the client machine.

Create Package

- Start Configuration Manager Console.
- Start the New Package wizard.
  1. Click System Center Configuration Manager > Site Database > Computer Management > Software Distribution > Packages, then right-click and click New Package.
  2. Go through all dialog boxes and fill in all required information. On the Data Source dialog box, check the This package contains source files check box and then browse to the folder that contains Setup.exe.
- Use the Manage Distributions Points wizard.
  1. Right-click the package and click Manage Distribution Points.
  2. Go through all dialog boxes and fill in all required information. Select a distribution point.

Create Program

SCCM can deploy both setup.msi and Setup.exe, but to get the most out of SCCM, it is recommended that you deploy using Setup.exe. Setup.exe accepts standard Windows Installer command line parameters. See Microsoft Knowledge Base Article for Windows Installer command line options.

There is no need to create transforms. Everything that you can do with the command line can be done in SCCM. Just pass in the same command line while creating the program in SCCM.

Access the New Program wizard by doing the following:

1. Go to the package and click Programs, then right-click and click New Program.
2. Go through all dialog boxes and fill in all required information. On the General dialog box for command line, you can type in the command line just the way you would for msiexec, except replace msiexec /I <Path to msi> with <Path to Setup.exe>.

For example:

- Install silently with default features to the default installation directory:

```
Setup.exe /qb-!
```

  The /qb-! switch has a basic UI with no modal dialog boxes and hides the Cancel button. Use /qn for a completely silent installation.

- Install silently with all features to a nondefault installation directory:

```
Setup.exe /qb-! INSTALLDIR=C:\ArcGIS ADDLOCAL=ALL
```

- Install silently with custom features to a nondefault installation directory:

```
Setup.exe /qb-! INSTALLDIR=C:\ArcGIS ADDLOCAL=<feature1>,<feature2>,...
```

Create Advertisement

Access the New Advertisement wizard by doing the following:

1. Navigate to System Center Configuration Manager > Site Database > Computer Management > Software Distribution > Advertisement, then right-click and click New Advertisement.

2. Go through all dialog boxes and fill in all required information. On the General dialog box, select Package and the program in the package that you want to advertise. Choose the collection that you want to deploy to.

Start Software Installation

Depending on your configuration in the advertisement and the command line in the program, the software will start installation after the next logon or reboot or be scheduled to run at a certain time.

Upgrading to 12.1

If you are upgrading from 11.0 - 12.0 to 12.1, create a new package, program, and advertisement to install and uninstall the ArcGIS 12.1.

Deploying Localized Setups Using SCCM

Running Setup.exe provides a fully localized installation experience. Setup.exe is a bootstrapper executable that runs the main product localized setup.msi, then runs the language pack setup.msi as a secondary installation. For example, if you run Setup.exe for ArcGIS Server in Spanish, the mobile setup, as well as the Spanish Language Pack setup, will be installed. If additional language packs need to be installed, copy them to the Supplements folder prior to launching Setup.exe. All the language pack MSI files in the Supplements folder will be installed if the installation is launched using Setup.exe. There is no need to extract and deploy transform files.

Note: While the main product setup automatically installs the associated language pack, an Add/Remove item exists for both setups. The main product uninstallation process does not uninstall language packs. These will need to be manually uninstalled.

Uninstalling Setups Using SCCM

When the software is deployed, the Control Panel's Add/Remove Programs dialog box does not enable you to remove the software unless you have administrative privileges. Use SMS or SCCM to manage uninstallation of the software when uninstalling with elevated privileges for all users.

- Uninstall silently using product code.

```
msiexec /x <{product code}> /qb
```

  For example: To uninstall ArcGIS Server 12.1 silently, use the following command line:

```
msiexec /x {97DB2F11-2C92-41DF-9C6D-F71648CD2AC9} /qb
```

- Any ArcGIS product can be uninstalled silently using the product code. Knowledge Base article is updated and available with the product codes for ArcGIS releases.

- Create a new program within the same package and a new advertisement using the command line mentioned above.

Deploying ArcGIS Enterprise Patches and QFEs Using SMS or SCCM

All ArcGIS Enterprise patches are available as individual Windows Installer Patch (.msp) files that upgrade an existing installation. For SCCM, they have to be deployed like a regular MSI installation. To deploy, create a new package, program, and advertisement for SCCM.

There are two methods of deploying .msp files using SMS or SCCM. Select one of these methods to deploy ArcGIS patches:

- Apply the .msp file to an administrative installation and deploy the patched MSI file.

Or:

- Deploy the .msp file separately from the base product setup.msi.

To Apply the .msp File to an Administrative Installation and Deploy the Patched Windows Installer File

Applying the Windows Installer Patch to an administrative installation will update the setup.msi with patch changes. The setup.msi can then be deployed. To apply the patch to an administrative installation, do the following:

1. Create an administrative installation. If an administrative installation does not already exist on your server, create one using the code below:

```
msiexec /a <location of setup.msi>\setup.msi
```

2. Patch the administrative installation using msiexec /a <location of the administrative installation>\setup.msi /p <location of the .msp file>\<patch name>.msp.

For example: msiexec /a c:\admins\<Version>\Server\setup.msi /p c:\admins\Server\Serverpatch.msp

Once the command is launched to apply the patch to the administrative installation, the setup dialog box will prompt you for the network installation location. This installation location will be prepopulated with the location of your ArcGIS Enterprise administrative installation. Do not change this location; you want the files in this location to be updated with the patch changes.

Once the setup is complete, the setup.msi will have been updated with any patch changes. The date of the setup.msi will be updated to the current date.

3. Create an SMS or SCCM package using the patched MSI file and deploy it. The following command line parameter should be used: msiexec /a <location of the administrative installation>\setup.msi.

To Deploy the Patch .msp File Directly

The patch .msp file can be directly deployed using SMS or SCCM. The setup for the ArcGIS product must have already been deployed and installed on the client machine.

1. Copy the .msp file to the server machine.

2. Create a package to deploy the .msp file. The following command line parameter should be used:

```
msiexec /p <location of .msp file>\<patch name>.msp REINSTALL=ALL
REINSTALLMODE=omus
```

   REINSTALLMODE must always be equal to omus.

   REINSTALL can be equal to ALL to reinstall all features already installed, or you can specify individual features (same feature names as ADDLOCAL).

3. Deploy the .msp package.

Troubleshooting the Installation

- If you receive an "Internal error, Install aborted" or "Corrupt Install" message when starting setup, ensure that the system TEMP variable is set to a valid folder where you have write access and space available.

- If you receive an error message upon clicking Next on the final installation dialog box, verify that all your system variables are set to a valid value. An empty system variable will cause the installation to fail. To check your system variables, go to Start > Settings > Control Panel > System and choose the Environment tab.

- Examine the Event Viewer.

  Entries are logged in the Event Viewer when the Windows Installer results in an error or goes into repair. Examining the logs may offer insight into the solution.

  1. Right-click My Computer.

2. Click Manage.
3. Expand the Event Viewer tree.
4. Click Application.
5. Search for MsiInstaller entries related to ArcGIS.

- Capture a log of the installation.

  1. From the desktop, go to Start > Run.
  2. Enter the command below, modifying the setup location as necessary:

```
msiexec.exe /i <path to setup>\setup.msi /qb /L*v %TEMP%\Install.log
```

- Capture a log of the uninstallation.

  1. From the desktop, go to Start > Run.
  2. Enter the command below, modifying the product code as necessary:

```
msiexec.exe /x <{product code}> /qb /L*v %TEMP%\Uninstall.log
```

ArcGIS Pro

ArcGIS Pro is a full-featured professional desktop GIS application from Esri for advanced mapping, data management, and spatial analysis with 2D, 3D, and time-aware data. ArcGIS Pro is tightly integrated with ArcGIS Online and ArcGIS Enterprise, enabling users to share and collaborate across platforms. For comprehensive information on the installation of ArcGIS Pro, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to System Requirements at ArcGIS Pro System Requirements.

ArcGIS Pro can be installed on the same machine as other ArcGIS Desktop releases or on a machine without any Esri products.

ArcGIS Pro setups can be deployed to a user or computer. Use the following criteria to decide what option to choose:

- If all users on the computer need to use ArcGIS Pro, then assign it to computer.
- If only a particular user needs it, then assign it to the user.

Installing ArcGIS Licensing Service

The ArcGIS Licensing Service setup files are installed with ArcGIS Pro. It is required for a per user installation of ArcGIS Pro to utilize single use licensing.

To install the ArcGIS Licensing Service setup, run ArcGISLS.msi in "<ArcGIS Pro installation directory>\Resources\ArcGIS Licensing Service" and follow the prompts. This requires administrative privileges. The ArcGIS Licensing Service setup installs the 64-bit Flex Net service. The Flex Net service is automatically installed by a per machine instance of ArcGIS Pro; the Pro Licensing setup is only necessary to support per user installations.

Setup Dependency

If the following system requirements and products are not detected on the machine, the setup will not proceed:

- 64-bit operating system.
- Microsoft .NET

Version	.NET requirement
2.5	Microsoft .NET Framework Version 4.8
2.6	Microsoft .NET Framework Version 4.8
2.7	Microsoft .NET Framework Version 4.8
2.8	Microsoft .NET Framework Version 4.8
2.9	Microsoft .NET Framework Version 4.8
3.0.3	Microsoft .NET Desktop Runtime 6.0.5 or a later patch release
3.1	Microsoft .NET Desktop Runtime 6.0.5 or a later patch release
3.2	Microsoft .NET Desktop Runtime 6.0.5 or a later patch release
3.3	Microsoft .NET Desktop Runtime 8.0.0 or a later patch release
3.4	Microsoft .NET Desktop Runtime 8.0.0 or a later patch release
3.5	Microsoft .NET Desktop Runtime 8.0.0 or a later patch release
3.6	Microsoft .NET Desktop Runtime 8.0.0 or a later patch release
3.7	Microsoft .NET Desktop Runtime 10.0.0 or a later patch release

Note: Microsoft .NET Desktop Runtime is updated frequently. It is recommended that you install the latest patches as they become available.

- Microsoft Edge WebView2 Runtime version 132 or later is required. If it is not already installed on the machine, use the Evergreen Bootstrapper or Evergreen Standalone Installer from Microsoft. A per-machine installation (the default) of ArcGIS Pro requires a per-machine installation of WebView2 Runtime. To do this, right-click the WebView2 installer and click Run as administrator.

Version	Microsoft Edge WebView2 Runtime
3.3	Microsoft Edge WebView2 Runtime version 117 or later
3.4	Microsoft Edge WebView2 Runtime version 117 or later
3.5	Microsoft Edge WebView2 Runtime version 117 or later
3.6	Microsoft Edge WebView2 Runtime version 132 or later
3.7	Microsoft Edge WebView2 Runtime version 132 or later

- For ArcGIS Pro to be installed per user on supported Windows Server operating systems, the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer must contain the REG_DWORD data type DisableMSI, with a value of 0. For more information, see MSDN's topic, DisableMSI.

Feature Dependency

None

Command Line Parameters

The following properties can be added to the msiexec command line:

Parameter	Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS\Pro in the case of a per machine installation and %System Drive%\%USERPROFILE%\AppData \Local\Programs \ArcGIS\Pro in the case of a current user	No	No	ArcGIS Pro installation location
ALLUSERS	1	No	No	Defines the installation context of the setup. ALLUSERS=1 specifies a per machine installation. If a user without administrative privileges attempts to set this to 1, the installation fails.
	2	No	No	ALLUSERS=2 specifies a per user installation. If this parameter is not specified, the silent installation defaults to per user.
MSIINSTALLPERUSER	1	No	No	To do a per user installation, specify both ALLUSERS=2 and MSIINSTALLPERUSER=1. This property is ignored if ALLUSERS=1 is specified.
ENABLEEUEI		Yes	No	Specifies whether to enable participation in the Esri User Experience Improvement program.
	1 (default)			Enables participation.
	0			To opt out of participation, specify ENABLEEUEI=0
ENABLE_ERROR_REPORTS		Yes	No	Specify whether to send error reports (crash dumps) to Esri.
	1 (default)			Enables sending error reports
	0			To opt out, specify ENABLE_ERROR_REPORTS=0
DISABLE_EXTERNAL_TRAFFIC		Yes	No	This setting is useful in secure or offline environments where external communication is restricted.

Parameter	Value	Case Sensitive	Required	Description
	TRUE			Set DISABLE_EXTERNAL_TRAFFIC=TRUE to prevent ArcGIS Pro from sending requests to arcgis.com and arcgisonline.com.
	FALSE (default)			If this parameter is not specified, the default is FALSE.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.
BLOCKADDINS	0 (default)	Yes	No	If specified, the BlockAddins registry value allows system administrators to configure the types of Add-ins that ArcGIS Pro will load. Created under HKEY_LOCAL_MACHINE\SOFTWARE\Esri\ArcGISPro\Settings. Note that this property is only read during a per machine installation; it is ignored if specified for a per user setup. Setting the property to 0 will load all add-ins regardless of whether they have digital signatures.
	1			Load and use only add-ins that are digitally signed by a trusted certificate authority.
	2			Load and use only add-ins that have been published by Esri.
	3			Load add-ins only from the administrator folders and all add-ins published by Esri.
	4			Do not load or execute add-ins in this application.
	5			Only load add-ins from the administrator folders

Parameter	Value	Case Sensitive	Required	Description
ADMIN_SETTINGS_PATH	<Path to the folder containing settings file>			ArcGIS Pro allows administrators to set default values for a select number of application settings in a .settingsConfig file. For per-machine installations only, set this property to the folder where the .settingsConfig file resides. For more information, see Manage application settings.
SOFTWARE_CLASS	Viewer	Yes	Yes	Installs ArcGIS Pro as Basic level
	Editor			Installs ArcGIS Pro as Standard level
	Professional			Installs ArcGIS Pro as Advanced level
AUTHORIZATION_TYPE	SINGLE_USE	Yes	Yes	Installs ArcGIS Pro as a single use seat
	NAMED_USER	Yes	Yes	Installs ArcGIS Pro with a Named User license.
LOCK_AUTH_SETTINGS	True		No	If the authorization type is defined at the command line, then the registry string LOCK_AUTH_SETTINGS is set to True under HKEY_LOCAL_MACHINE\SOFTWARE\Esri\ArcGISPro\Licensing. When LOCK_AUTH_SETTINGS is True, the licensing settings in the registry apply to all ArcGIS Pro users on that machine—an individual user cannot make changes.
	False			To allow ArcGIS Pro users on the machine to define their own authorization settings through the ArcGIS Pro application, set LOCK_AUTH_SETTINGS to False.

Parameter	Value	Case Sensitive	Required	Description
CHECKFORUPDATESATSTARTUP (per-machine only)	0	No	No	For system administrators who wish to disable automatic update notifications for a per-machine installation of ArcGIS Pro, set this property to 0. Alternatively, browse to the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Esri\ArcGISPro\Settings after installation to manually set CheckForUpdatesAtStartup to 0.
	1 (default)			
ARCGIS_CONNECTION		No	No	Specifies whether a connection to www.arcgis.com should be available from the Portals page.
	TRUE			To include the connection, set this property to "TRUE".
	FALSE			If set to "FALSE", the connection will not appear on the Portals page.
PORTAL_LIST	<portalURL1>; <portalURL2>	No	No	To add one or more portal connections to the Portal page, set Portal_List="<portalURL1>; <portalURL2>". Use semicolons to separate portal URLs. If "ArcGIS_Connection" is set to "False", this property cannot contain "arcgis.com". If your portal supports HTTPS, it is strongly recommended that the Portal_List URL(s) uses HTTPS.
LICENSE_URL	<portalURL>	No	No	To specify the URL of the Named User licensing portal, set License_URL="<portalURL>". If "ArcGIS_Connection" is set to "False", "License_URL" cannot contain "arcgis.com". To use this property, "AUTHORIZATION_TYPE" must be set to "NAMED_USER".

To install to per machine, use the following command line:

```
msiexec.exe /i <setup location>\ArcGISPro.msi /qb ALLUSERS=1
```

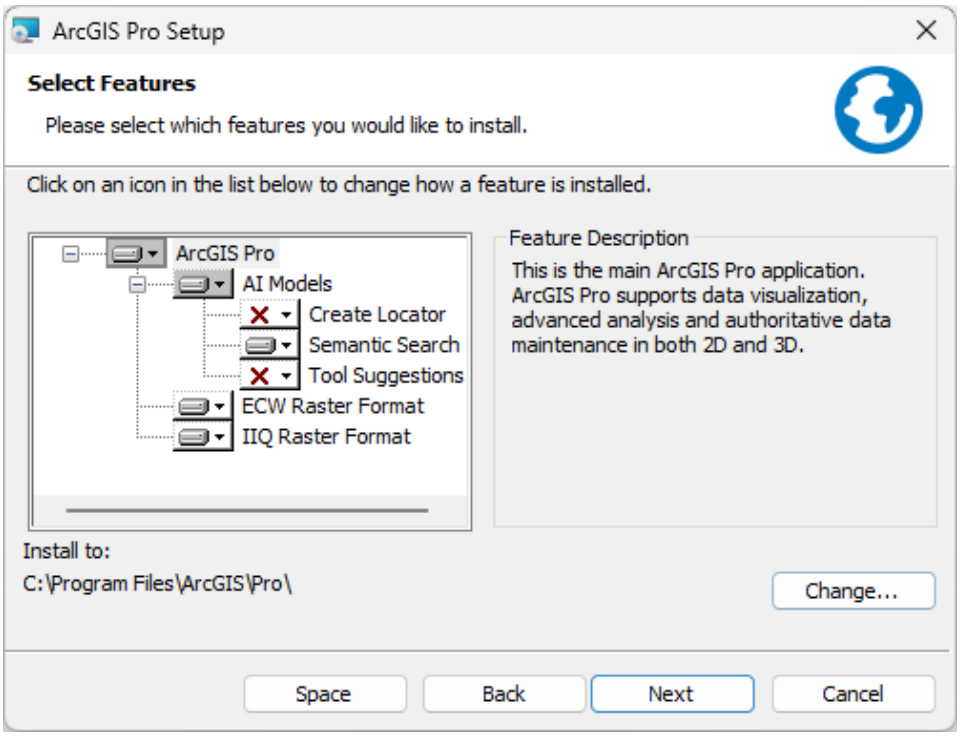
To install to per user, use the following command line:

```
msiexec.exe /i <setup location>\ArcGISPro.msi /qb ALLUSERS=2 MSIINSTALLPERUSER=1
```

If ALLUSERS and MSIINSTALLPERUSER are not specified on the command line for a silent installation, it will default to per user installation.

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.



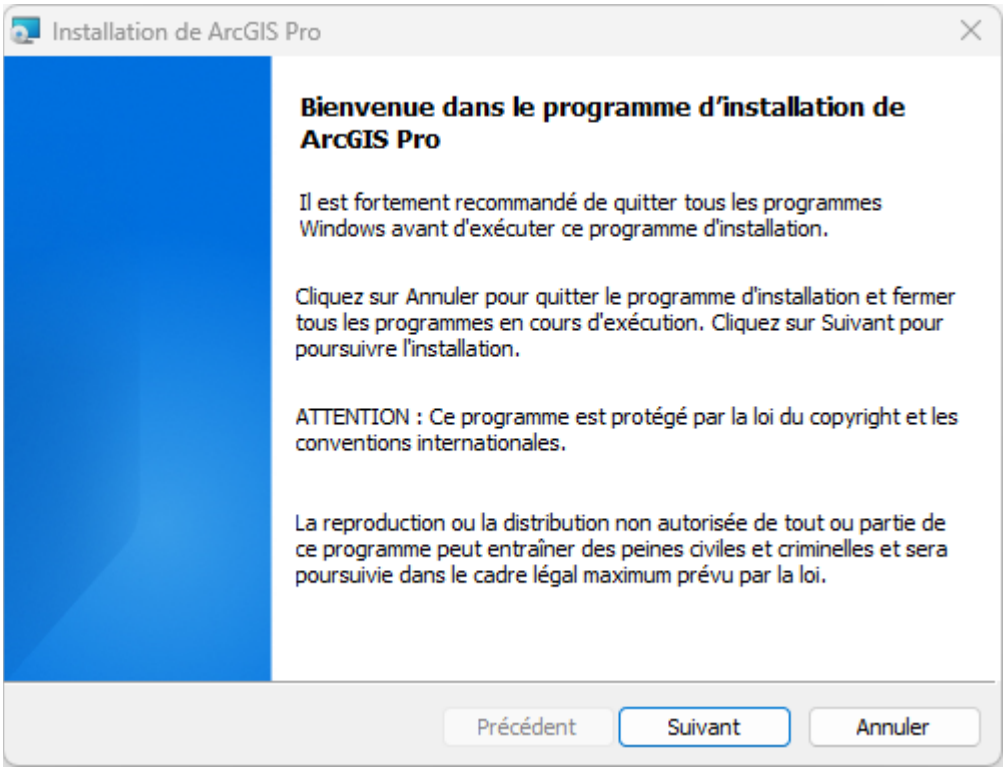
Feature	Feature Parent	Title	Description
Pro		ArcGIS Pro	This is the main ArcGIS Pro application. ArcGIS Pro supports data visualization, advanced analysis and authoritative data maintenance in both 2D and 3D.
AIModels	Pro	AI Models	These models enable enhanced functionality using AI technology.
CreateLocator	AIModels	Create Locator	This model helps with automatically mapping the fields in your data to the Locator fields in the Create Locator tool.
SemanticSearch	AIModels	Semantic Search	This model enables semantic search in command search, geoprocessing search, and other searches. It supports conversational search queries and often provides better results than traditional search engines.

ToolSuggestions	AIModels	Tool Suggestions	This model enables geoprocessing tool suggestions. Suggested tools may help you get to the next step in your geoprocessing workflow.
ECW	Pro	ECW Raster Format	Enhanced Compression Wavelet Raster driver.
IIQRaster	Pro	IIQ Raster Format	Support for IIQ Raster driver and its components.

Localized Setups

ArcGIS Pro is available in Simplified Chinese, Polish, Traditional Chinese, French, German, Japanese, Brazilian Portuguese, Russian, Ukrainian, Spanish, Turkish, Czech, Swedish, Korean, Hebrew, Arabic, Italian, and Finnish. Running setup.exe provides a fully localized installation experience. Setup.exe is a bootstrapper executable file that will run the main product setup.msi and then run the language pack setup.msi as a secondary installation.

When running a localized ArcGIS Pro installation, the option to Run ArcGIS Pro when the setup completes appears on the Ready to Install dialog box. If the option is left selected, ArcGIS Pro starts after the installation of the core product and its corresponding language pack. ArcGIS Pro does not start automatically after a silent installation.



Transforms

Changing INSTALLDIR

For per machine installation

1. In the CustomAction table, add a new row with the following values:

   Action: SetInstallDir
   Type: 51
   Source: INSTALLDIR
   Target: c:\MyPro

2. In the InstallExecuteSequence table, add a new row with the following values:

   Action: SetInstallDir
   Sequence: 965

For per user installation

1. In the CustomAction table, add a new row with the following values:

   Action: SetInstallDir
   Type: 51
   Source: INSTALLDIR
   Target: [TempFolder]MyPro

2. In the InstallExecuteSequence table, add a new row with the following values:

   Action: SetInstallDir
   Sequence: 965

3. In the Property table, change the following properties:

   ALLUSERS=1
   MSIINSTALLPERUSER=""

Specify Authorization Type

Single Use Licensing: In the Property table, add a new row with the following values:

Property=AUTHORIZATION_TYPE
Value= SINGLE_USE

Named User Licensing: In the Property table, add a new row with the following values:

Property=AUTHORIZATION_TYPE
Value= NAMED_USER

Specify Authorization Level

In the Property table, add a new row with the following values:

Property=SOFTWARE_CLASS

Value=Professional

For installing ArcGIS Pro as Basic level use value "Viewer," for standard level use "Editor," and for Advanced level use "Professional."

Uninstall

To uninstall ArcGIS Pro silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2.5	{0D695F82-EB12-4430-A241-20226042FD40}
2.6	{612674FE-4B64-4254-A9AD-C31568C89EA4}
2.7	{FBBB144A-B4BE-49A0-95C4-1007E3A42FA5}
2.8	{26C745E6-B3C1-467B-9523-727D1803EE07}
2.9	{AD53732E-507C-4A7F-B451-BE7EA01D0832}
3.0.3	{690B606E-8A38-4CB9-B088-241F60A86072}
3.1	{A61AD307-865F-429F-B2A3-5618BD333F7E}
3.2	{76DFAD3E-96C5-4544-A6B4-3774DBF88B4E}
3.3	{B43BC6C2-05D2-460B-AEE4-D15A9CA7B55E}
3.4	{F6FDD729-EC3F-4361-A98E-B592EEF0D445}
3.5	{6AB7A2E6-6E45-4A2D-8E88-6B0856B4CB48}
3.6	{302EF432-616C-4281-94F6-D53E290D0F77}
3.7	{E56D931B-27A0-4C1D-87F8-AFCDCD21A653}

The product code changes with every update of ArcGIS Pro. The product code for ArcGIS Pro is found in the registry at either HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\ArcGISPro (for a per machine installation) or HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\ArcGISPro (for a per user installation) in the string value UninstallString.

Software Updates

When Esri releases an update for the application, by default, a notification appears when you start ArcGIS Pro. You can click the notification message to start the software update process. To check for updates in the middle of a session, click the Project tab and click About. If updates are available, you can run the update process. You can also turn off the option to check for updates when starting ArcGIS Pro.

To disable automatic update notifications for a per machine installation of ArcGIS Pro, browse to the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Esri\ArcGISPro\Settings and set the value of CheckForUpdatesAtStartup to 0.

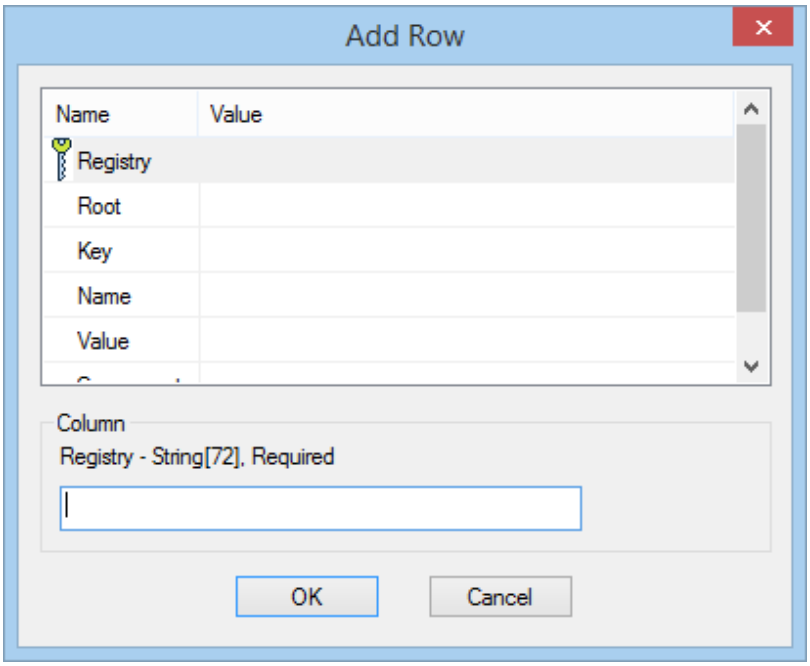
If an ArcGIS Pro language pack is installed on your computer, update notifications for new software versions or patches do not appear until the language pack is available for that version or patch. This is true even if you are running ArcGIS Pro in English and not using the installed language pack.

ArcGIS Pro configuration

The following settings will only work if ArcGIS Pro is deployed to a per machine environment.

(Registry - Per machine)

Open the msi in Orca and add a row in Registry table for each setting. When adding a row, it will ask for 6 values: Name, Registry, Root, Key, Component_, and Value.



AdminAddInLock

Value = #1 (User cannot change the Administrator BlockAddIns security level)
Value = #0 (Default)

Registry	RegPMTAAL
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	AdminAddInLock
Value	#1
Component_	ISRegistryComponent

BlockCustomizeDialog

Value = #1 (Disable customizing the Ribbon property sheet)
Value = #0 (Default)

Registry	RegPMTBCD
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	BlockCustomizeDialog
Value	#1
Component	ISRegistryComponent

BlockMajorUpdateNotifications

Value = #1 (Block major version software updates only)
Value = #0 (Default)

Registry	RegPMTBMUN
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	BlockMajorUpdateNotifications
Value	#1
Component_	ISRegistryComponent

BlockMajorAndMinorUpdateNotifications

Value = #1 (Block major and minor version software updates)
Value = #0 (Default)

Registry	RegPMTBMAMUN
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	BlockMajorAndMinorUpdateNotifications
Value	#1
Component_	ISRegistryComponent

Note: The BlockMajorAndMinorUpdateNotifications setting allows you to block both major and minor releases. However, this setting only provides patch updates for a short time period. For example, if you are using ArcGIS Pro 3.5 and enable this setting, you will stop receiving patches when ArcGIS Pro 3.6 is released. While the setting still works, the UpdateTargetVersion setting is superior, as it provides patch updates all the way to the Retired phase of the ArcGIS Pro life cycle.

UpdateTargetVersion

Enables receiving updates for patch releases while preventing updates to newer minor or major versions. For instance, if you prefer to remain on ArcGIS Pro 3.4, you can allow installations of patch releases like 3.4.1, but block updates to versions 3.5.0 and 3.6.0.

Registry	RegPMTUTV
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	UpdateTargetVersion
Value	Minor release version, such as 3.4 or 3.5
Component_	ISRegistryComponent

ConfigurationFolder

Value = Path to a local directory or share to search for configurations
Value = Empty (Default)

Registry	RegPMTConfigFolder
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	ConfigurationFolder
Value	<Path to Share or local directory>
Component_	ISRegistryComponent

ConfigurationName

Value = Name of the configuration file
Value = Empty (Default)

Registry	RegPMTConfigName
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	ConfigurationName
Value	<Name of the configuration file>
Component_	ISRegistryComponent

DisableDMShortcut

Value = #1 (Disable the keyboard shortcut that launches the Diagnostic Monitor)
Value = #0 (Default)

Registry	RegPMTDisableDMShortcut
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	DisableDMShortcut
Value	#1
Component_	ISRegistryComponent

Add-In Folders

For “Name” specify full paths to the folder locations or UNC shares that are to be searched for Add-ins. For example: C:\Data\AddinFolder1

Registry	RegPMTAddinFolders
Root	-1
Key	Software\Esri\ArcGISPro\Settings\Add -In Folders
Name	<Path to Share or local directory>
Value	
Component_	ISRegistryComponent

Configuration Folders

For “Name” specify full paths to the folder locations or UNC shares that are to be searched for Configurations. For example: C:\Data\ConfigurationFolder1

Registry	RegPMTConfigFolders
Root	-1
Key	Software\Esri\ArcGISPro\Settings\ Configuration Folders
Name	<Path to Share or local directory>
Value	
Component_	ISRegistryComponent

More detailed information regarding ArcGIS Pro configuration through Registry Keys is available at ArcGIS Pro Registry Keys.

ArcGIS Pro configuration (Registry - Per User)

The following settings will only work if ArcGIS Pro is deployed to a per user environment.

UserConfigLocationLocal

Value = ArcGIS Pro user.config setting's file "local" path. Example: C:\Users\user-name\AppData\Local\Esri\ArcGISPro_StrongName_yhpsrysqpn4fvmb0spwbakt5o5e50din\3.0.0.0\user.config

Registry	RegPUTUCLL
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	UserConfigLocationLocal
Value	<Path to local user.config>
Component_	ISRegistryComponent

UserConfigLocationRoaming

Value = ArcGIS Pro user.config setting's file "roaming" path. Example: C:\Users\user-name\AppData\Roaming\Esri\ArcGISPro_StrongName_yhpsrysqpn4fvmb0spwbakt5o5e50din\3.0.0.0\user.config

Registry	RegPUTUCLR
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	UserConfigLocationLocal
Value	<Path to roaming user.config>
Component_	ISRegistryComponent

ArcMonHTTPResponseSize

Value = Number of kilobytes to decode by the Diagnostic Monitor.
Value = 2 (Default)

Registry	RegPUTAMHRS
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	ArcMonHTTPResponseSize
Value	Number of kilobytes to decode
Component_	ISRegistryComponent

Note: Increasing this value may reduce ArcGIS Pro performance. Use caution when modifying this setting and increase it only when necessary.

Add-In Folders

For “Name” specify full paths to the folder locations or UNC shares that are to be searched for Add-ins. For example: C:\Data\AddinFolder1

Registry	RegPUTAddinFolders
Root	-1
Key	Software\Esri\ArcGISPro\Settings\Add-In Folders
Name	<Path to Share or local directory>
Value	
Component_	ISRegistryComponent

UpdateTargetVersion

Enables receiving updates for patch releases while preventing updates to newer minor or major versions. For instance, if you prefer to remain on ArcGIS Pro 3.4, you can allow installations of patch releases like 3.4.1, but block updates to versions 3.5.0 and 3.6.0.

Registry	RegPMTUTV
Root	-1
Key	Software\Esri\ArcGISPro\Settings
Name	UpdateTargetVersion
Value	Minor release version, such as 3.4 or 3.5
Component_	ISRegistryComponent

More detailed information regarding ArcGIS Pro configuration through Registry Keys is available at ArcGIS Pro Registry Keys.

ArcGIS Pro configuration (Settings file)

System administrators can set default values for a select number of application settings. You can also lock these settings so that users cannot change them. There are three basic steps to control application settings in your ArcGIS Pro deployment:

1) Author a Pro.settingsConfig file

   To control application settings, you must first author a Pro.settingsConfig file. These files are written in the Extensible Markup Language (XML) format but have the file extension .settingsConfig instead of .xml. A complete list of application settings and where they belong in the Pro.settingsConfig file can be found in Settings available for administrator control.

2) Post the file to a directory or share accessible by users.

   After authoring a Pro.settingsConfig file, deploy it to a share or a local directory. Set the file permissions on the share or folder that hosts Pro.settingsConfig to be read-write only for the administrator who created the file and read-only for the users of the ArcGIS Pro client machines. If you do not protect the file with proper permissions, users can alter the values inside the Pro.settingsConfig file, changing the defaults and locked settings for all users.

3) Configure the user machines to use the deployed file.

   Once configured, the client machine checks the config file during each ArcGIS Pro application startup, changing the user's settings accordingly. The location of the config file can be specified by the ADMIN_SETTINGS_PATH command line parameter during an ArcGIS Pro installation.

More detailed information regarding how to create, edit, and deploy the settings file is available at Manage application settings.

ArcGIS Licensing Service

The ArcGIS Licensing Service setup files are installed with ArcGIS Pro. It is required for a per user installation of ArcGIS Pro to utilize single use licensing.

To install the ArcGIS Licensing Service, run ArcGISLS.msi in "<ArcGIS Pro installation directory>\Resources\ArcGIS Licensing Service" and follow the prompts. This requires administrative privileges. The ArcGIS Licensing Service setup installs the 64-bit Flex Net service. The Flex Net service is automatically installed by a per machine instance of ArcGIS Pro; the Pro Licensing setup is only necessary to support per user installations.

ArcGIS Licensing Service setup is not a dual mode setup. It can only be deployed to a per machine context.

Setup Dependency

None

Feature Dependency

None

Properties

The following properties can be added to the msiexec command line:

Parameter	Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS Licensing Service	No	No	ArcGIS Licensing Service installation location

Features Available

None

Localized Setups

ArcGIS Licensing Service is available in Simplified Chinese, Polish, Traditional Chinese, French, German, Japanese, Brazilian Portuguese, Russian, Ukrainian, Spanish, Turkish, Czech, Swedish, Korean, Hebrew, Arabic, Italian, and Finnish.

Uninstall

To uninstall ArcGIS Licensing Service silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2.5	{71EC83CD-E250-4D5D-978D-FA13B93962F6}
2.6	{DECE6FC3-09C7-4F88-B2AF-BCCD9EF403BA}
2.7	{2DCA6472-9A2E-44AA-9659-B1D8FDDB3E5E}
2.8	{73DA371F-809A-426A-9072-554D43810F7C}
2.9	{42DDDEAE-02AA-40AE-B072-10DE562C90CD}
3.0.3	{A61F82B0-6B91-4496-B39A-E0611B808783}
3.1	{AD77A421-7BB3-4910-ACEF-250C2594491B}
3.2	{81C06446-1CDB-40A5-8905-08D7C434E20E}
3.3	{36747518-414E-4E08-996E-90172F9713D1}
3.4	{892B7362-5008-46CD-80F5-D029BE961E88}
3.5	{E3D25111-DA35-4DE5-A8EE-DE6E9EB4A916}
3.6	{CC27D847-D71E-4A15-8B74-0A764D9EEFFC}
3.7	{3D7CC26B-DA42-481E-A4D1-E6699CC86F92}

ArcGIS Pro Language Packs

To run a translated version of ArcGIS Pro a language pack installation is required. The language pack can be obtained from your distributor or My Esri. When a language pack is installed, you can set ArcGIS Pro to display the user interface in the corresponding language. By default, the ArcGIS Pro user interface matches the Microsoft Windows display language. For example, if your Windows display language is German, and you have also installed a German language pack for ArcGIS Pro, the application displays the user interface in German. To run ArcGIS Pro in a language that does not match your Windows display language, you must change your language options.

There are 18 language packs available for ArcGIS Pro—Simplified Chinese, Polish, Traditional Chinese, French, German, Japanese, Brazilian Portuguese, Russian, Ukrainian, Spanish, Turkish, Czech, Swedish, Korean, Hebrew, Arabic, Italian, and Finnish. Use Setup.exe to accomplish a fully localized installation experience. Setup.exe is a bootstrapper executable file that will run the main product setup.msi and then run the language pack MSI as a secondary installation. For example, if you run Setup.exe for ArcGIS Pro in Spanish, both the ArcGIS Pro setup and Spanish Language Pack setup will be installed. Additional language packs must be installed separately.

While the ArcGIS Pro setup.exe automatically installs the language pack, an Add/Remove item will exist for both setups. The ArcGIS Pro uninstallation process does not uninstall language packs, and they will need to be manually uninstalled using the Add/Remove Programs dialog box. Running setup.exe for a localized setup will upgrade both the main product installation and the language pack installation.

When running a localized ArcGIS Pro installation, the option to Run ArcGIS Pro when the setup completes appears on the Ready to Install dialog box. If the option is left selected, ArcGIS Pro starts after the installation of the core product and its corresponding language pack. ArcGIS Pro does not start automatically after a silent installation.

Setup Dependency

ArcGIS Pro setup of same version must be installed on the machine. Installation will follow Installcontext of ArcGIS Pro. If ArcGIS Pro is installed to per machine, then ArcGIS Pro language packs can only be installed to per machine. If ArcGIS Pro is installed to per user, then ArcGIS Pro language packs can only be installed to per user.

Feature Dependency

None

Command Line Parameters

None

Features Available

None

Transforms

Changing INSTALLDIR

ArcGIS Pro language packs installs to the Installation directory of ArcGIS Pro. It is not possible to change this with a transform.

Uninstall

To uninstall ArcGIS Pro Language Packs silently, use the following command line:

```
msiexec.exe /x <Product Code> /qb
```

The product code changes with every update of ArcGIS Pro Language Packs. The product code for ArcGIS Pro is found in the registry at either HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\<ProductName> (for a per machine installation) or HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\\<ProductName> (for a per user installation), in the string value UninstallString.

Language	Product Name
Arabic	ArcGIS Pro - حزمة اللغة العربية
Simplified Chinese	ArcGIS Pro - 中文(简体)语言包
Traditional Chinese	ArcGIS Pro - 繁體中文語言套件
Czech	ArcGIS Pro - jazyková sada pro češtinu
Finnish	ArcGIS Pro -ohjelman suomen kielipaketti
French	ArcGIS Pro - Module linguistique français
German	ArcGIS Pro - Sprachpaket Deutsch
Hebrew	ArcGIS Pro - חבילת שפה עברית
Italian	ArcGIS Pro - Language Pack italiano
Japanese	ArcGIS Pro - 日本語パック
Korean	ArcGIS Pro - 한국어 언어 팩
Polish	ArcGIS Pro - polski pakiet językowy
Brazilian Portuguese	ArcGIS Pro - Pacote de Idioma Português (Brasil)
Russian	ArcGIS Pro - Русский языковой пакет
Spanish	ArcGIS Pro - Paquete de idioma español
Swedish	ArcGIS Pro - svenskt språkpaket
Turkish	ArcGIS Pro - Türkçe Dil Paketi
Ukrainian	ArcGIS Pro - Мовний пакет

ArcGIS Pro Language Pack – Arabic

Version	Product Code
2.5	{0EE36812-B842-4AE4-9604-FFCE11D72473}
2.6	{A131F42B-53FA-433A-95F9-7EAADE7EAFB5}
2.7	{E231146B-B451-4293-8557-D0B949D8B445}
2.8	{DB67ABF9-9946-42E8-8820-4836E496F3A8}
2.9	{746F4A5E-8A6B-4532-9E4C-3DC80EAC8CEF}
3.0.3	{19561AC2-9A81-458C-9DA6-F01634721786}
3.1	{0C45237E-E553-4B31-B0B9-3DCCD8496741}
3.2	{6FCFDD28-16A0-4A48-B114-C897C96D6C5B}
3.3	{F32C321F-726C-49D8-A7E9-1FCB9A7E3B6D}
3.4	{2234E423-D5C5-45BD-B83A-0CBED4C90FF4}
3.5	{B7337E17-67BF-4B32-8565-6B237F81357C}
3.6	{33C4B934-1F55-4BB5-85C2-DC507D7B6DDC}
3.7	{B7548982-DEE2-4BE3-9D08-E38E66A7986A}

ArcGIS Pro Language Pack – Chinese (Simplified)

Version	Product Code
2.5	{EDB5DA12-69C2-412F-B079-C39FB9D8DA6D}
2.6	{DCD0DC26-C8B3-4588-897F-7FBF37EA5F5F}
2.7	{4F5EAD94-FB13-457C-A8E3-97C6F2C20518}
2.8	{ECC5705A-3186-4C0C-992D-6C4DB3A393D0}
2.9	{49C0FDBF-7ADC-4E35-9567-342E0E9AC770}
3.0.3	{487658EB-DC96-4D61-80B1-1B43A5D3FC99}
3.1	{AF36F9C1-1751-460D-8833-33C700B4081F}
3.2	{F68D12D5-5CB5-4FEB-9EEA-B5AA4DFD6031}
3.3	{4C0E2EF7-C1A8-4ECC-BE42-E3E07DFDE7CE}
3.4	{9592B5C2-2745-485B-A5A8-B999795685D3}
3.5	{8382D430-3D13-441C-A1C2-5FF327C60470}
3.6	{310CF6FF-FA8F-4A86-9A6F-A2C0CC50FCE2}
3.7	{BC5E2C0B-17A5-47EC-92E4-17169E9D51DF}

ArcGIS Pro Language Pack – Chinese (Traditional)

Version	Product Code
2.5	{9C17E4DA-5474-4B39-B403-3BA811646168}
2.6	{18E746E2-7D97-4E30-98A2-F7DA4CEB2B41}
2.7	{F9D75F59-636E-4C7D-BFAD-DB652EBC7612}
2.8	{0872BDFC-5D6D-48D4-8A91-E07F3FBD6A1B}
2.9	{2F82CAA7-504A-4BEE-B5DB-5494CAC1134C}
3.0.3	{BAB1A38E-7B67-46BF-B7E0-CAEF1E7E6A80}
3.1	{BFFBD2D8-93E1-4532-9489-9732CD90425E}
3.2	{5AA098D1-B8DF-4483-A04C-9BE02CA99789}
3.3	{B5A0F8F8-7064-4BBB-997B-D1CD96A5A6DA}
3.4	{D1FBFF97-3422-414B-822E-EB2B92E25C7A}
3.5	{A925D7DF-393F-425A-8799-C971DF1E2A15}
3.6	{2063558A-19A2-47F9-AE21-01C9F0D42281}
3.7	{2FC28C94-ACED-4669-BC60-BBF40D6CCFBA}

ArcGIS Pro Language Pack – Czech

Version	Product Code
2.5	{9CDEC5A9-EDA2-4B14-8395-8E353DDD014B}
2.6	{B9A2CA2E-601B-43C0-B322-85927268CC29}
2.7	{3AD2A5EA-0166-4A89-91CC-039E06940289}
2.8	{04641450-FC42-4327-B882-6A264F894DD7}
2.9	{AFDC6C5F-A9F8-41A6-97D7-DE494E8CD55D}
3.0.3	{05E16AEC-2175-4D37-A9D4-5EF805894140}
3.1	{3390E838-9A68-43A5-B0B1-D0BD391393B8}
3.2	{12DE2249-9245-468D-BA0D-38C27CF4C8CD}
3.3	{7BED7127-2E47-4104-8158-93705D29EEE1}
3.4	{F7EA7774-FC94-4263-837E-3749F43B38CB}
3.5	{35D550FB-3E46-4191-9CFC-8D41C814C0CE}
3.6	{6D60B7DE-053A-4CD3-BDB7-12608F37120D}
3.7	{A883ACEE-15C8-4ECF-9D80-42B0E955D9BA}

ArcGIS Pro Language Pack – Finnish

Version	Product Code
2.5	{BFA335F4-ABF6-47BD-92D2-A46F31D11238}
2.6	{A288F5AE-FBD6-4114-8B83-155823633E12}
2.7	{E5DBACA1-BB91-4588-9651-82D68EF5851B}
2.8	{52AA6800-4DF7-4DD3-8D7B-2C17FD29AFC1}
2.9	{97DF009D-1B06-4C2E-ADA7-541A7D68D95D}
3.0.3	{072EFF56-4C13-423B-A4BC-E0873BC13551}
3.1	{2509E997-EFE0-4352-85A5-4CC583119D28}
3.2	{3A8790A2-764F-41D9-A2CF-8BFE296D297A}
3.3	{E7ED62A9-13B3-4B27-A00F-01FE4AC18F51}
3.4	{D1013014-6EB0-4A48-A596-10DE6086943F}
3.5	{FCA70426-518D-47B6-AFF7-42CD2F27ACF2}
3.6	{0ACF295D-A6CA-40C9-A0EF-0921584B6D92}
3.7	{C14FBC4B-EA8A-4C01-9747-8180BBE0AFB5}

ArcGIS Pro Language Pack – French

Version	Product Code
2.5	{7091D16F-1C07-4210-ACAC-5A4800E93195}
2.6	{30C67D94-B167-4202-8604-17D490C7AF4D}
2.7	{F3864E28-2F7A-44BF-AACB-18B1C5640750}
2.8	{783F1A16-2FE4-41B7-BE86-0F452E680FC2}
2.9	{CE92CD40-4889-42BE-A07A-F4080373FE02}
3.0.3	{1FC48678-0257-43D2-A3C9-37C3A39CED7D}
3.1	{CACEA58C-66AA-4732-9A55-988845C4B467}
3.2	{8CD6DE64-F7CB-4817-ACCE-5599F5681BF8}
3.3	{8FFCE2E4-BFFA-475D-BD91-29943014F035}
3.4	{6D6BA08F-38F4-45FD-9BE8-C12108A134C1}
3.5	{33325F4B-EBCE-4797-A980-14C52C02F90C}
3.6	{4D3D4678-A367-4C66-A1D2-C3D3C16469D1}
3.7	{57876E64-EA90-4BD6-83AC-E74C0FCA846D}

ArcGIS Pro Language Pack – German

Version	Product Code
2.5	{07125DEA-CECE-4351-BA88-4E41FB031FC7}
2.6	{FF6B38AB-378E-4817-B40F-D6FAB8B69851}
2.7	{1D29810E-EB9C-4D85-BB84-AC79C4C00AB4}
2.8	{8A16E969-C14F-4388-A4DF-77ABE5FC8599}
2.9	{64D3F519-64A9-4772-9255-41A5D90CD2D4}
3.0.3	{02AD5B2B-20DE-469D-A2FA-2883A99B18E7}
3.1	{C3EFE6D3-2A79-47B2-8D68-D1EB13ECCB18}
3.2	{491EF75C-56B4-4349-ABD0-C3F3A889FF07}
3.3	{D427185A-B6FE-4A86-997F-1DD35551B0C2}
3.4	{AF60E722-1539-4DEB-BBD9-CB6BC0D31C89}
3.5	{D1F1E3A9-6D2F-4ED7-9C5F-AD62A97B496A}
3.6	{0F6FB7F6-E143-4C39-B9B8-91F4BDC450A3}
3.7	{26887095-21C0-4744-A2F7-DD60C8500ABF}

ArcGIS Pro Language Pack – Hebrew

Version	Product Code
2.5	{045F7AAC-E8D3-4631-9189-A19B94D7D1FB}
2.6	{C3DE3CE3-5607-4AF6-B05F-B33E35C53069}
2.7	{56B9F229-5481-404C-B9D8-1C4AC4A7F1D2}
2.8	{0342C6F3-5D5B-4461-B2CA-50A216FCCAA8}
2.9	{ADED4205-09FD-4A66-A995-D24E027AAB09}
3.0.3	{662362D2-BA70-49D6-9B4D-50A3ED7C4161}
3.1	{49B8920A-1170-47B0-BFAD-2913ABF9E3A1}
3.2	{6744DBD6-1C06-4246-AF51-0B6829E4ACCC}
3.3	{5D4285A9-CFFC-4545-9FD5-5D2CDCF8C5F8}
3.4	{782CAE82-E4FB-4AE5-85C4-EF0293AEE627}
3.5	{0EFDACE9-511B-4B1F-A762-77EAD6414193}
3.6	{B1574EA8-D798-4180-9D19-4EEECCA7621B}
3.7	{4A3CB2AE-E30F-4922-8CD4-9B50194BAF3D}

ArcGIS Pro Language Pack – Italian

Version	Product Code
2.5	{70F1EF68-571C-4077-9B0F-02570B5DE724}
2.6	{89F07310-64B9-46E3-920E-15D52AA96C11}
2.7	{A971AAC9-58D8-4886-A86E-EF568511D217}
2.8	{392B4D19-FBFD-406A-960B-8722832EC896}
2.9	{A2D6A3DB-1004-40A4-A395-2921D31B77E6}
3.0.3	{DAB092D5-E8C0-45FD-99DD-20F802C7066E}
3.1	{69A3B145-6725-456E-84C8-683E09B256D1}
3.2	{20D4E126-F8B9-4F1F-862C-BC99474A55C2}
3.3	{20035C9B-D03A-410E-A019-472462DBDBBA}
3.4	{A7DD120B-D5FE-4A53-B57A-D31BEB0DC285}
3.5	{C2CF28DE-3E52-4DA5-BCD6-07132AD12352}
3.6	{8310A9A9-932D-46EB-A091-53060ADB1B45}
3.7	{09839288-2A9F-4E9B-988D-37F63494101F}

ArcGIS Pro Language Pack – Japanese

Version	Product Code
2.5	{A250A768-EB0C-492F-A0AC-55B8CD2C8ECE}
2.6	{B89A3DB7-BF3B-48D0-A71F-FAC8036AAFA6}
2.7	{F32EE75E-E50E-47DF-8F08-418E97BE9CF8}
2.8	{D0613622-6318-429E-AA9E-3BF84EC84ED5}
2.9	{F2ED883A-DC41-4082-A839-FA944DD071D7}
3.0.3	{0862710F-7945-4B24-A6E2-8CAF11A565DA}
3.1	{0B7352D5-506E-48AF-BCBA-F30162CE206B}
3.2	{5406B1BB-6FB9-4334-87D1-A653D2A70610}
3.3	{96416E1C-DAA6-48E4-8D3C-F5E227571CF0}
3.4	{10827677-5D07-4A87-9671-4BB59C155883}
3.5	{F9AABA07-05B4-4DF7-B8CB-83EC7D13AE5E}
3.6	{CE27E446-560D-468C-A25C-9B9A21C0F182}
3.7	{84713E12-EEAF-4EDE-ADA6-C751C83429BB}

ArcGIS Pro Language Pack – Korean

Version	Product Code
2.5	{DD0F9C67-DE58-41C6-BE87-9E022F7E7876}
2.6	{AC905FC3-C8F1-4CDB-B963-ED4137F2A2FE}
2.7	{8D8F92EC-1EB5-447A-BBF5-02D1083F40DF}
2.8	{EA00783F-AC67-453D-A2F4-C2DF8F4D7B1E}
2.9	{482BE173-EE3C-438F-AA96-8E1C6D67FA67}
3.0.3	{D8DFB7C1-EBEB-4113-A300-E577790F51F5}
3.1	{F174883F-417A-4F1E-B5D6-20FE9A74391F}
3.2	{3C2CB567-F001-45BA-9A88-F8F7E1D93FCF}
3.3	{48707EE3-2FC4-468B-BA85-4B26C1EC3199}
3.4	{C998842A-14D1-4021-BFD8-1CED4F85F908}
3.5	{B65B550F-EADB-48AC-88D6-7AB5619EFB78}
3.6	{016A5854-6E3C-4CE2-89F2-0225D162402C}
3.7	{5C968E0D-304A-4A10-ABFA-260BCD6DE8E9}

ArcGIS Pro Language Pack – Polish

Version	Product Code
2.5	{7E4477F1-23D2-40AB-A211-76DEBD33D766}
2.6	{A18FAE4E-8943-4776-9E38-7FAB772B66AB}
2.7	{DEB2D3AB-1053-44D9-A29D-6CDC00CE630B}
2.8	{B328B519-B193-4736-8ED4-B5D83F3433CB}
2.9	{1A903D0F-3D97-4D59-B0AB-78DF7A59BC21}
3.0.3	{60B1FA00-A235-4675-9FF1-313B71F05D67}
3.1	{CBBCC63C-7702-4B07-828D-01AE3CD9FABD}
3.2	{4901DFB0-D88B-47B2-87C0-0053428994A7}
3.3	{FEAD2810-9F5E-4925-AA0C-26ED3CA5F4DD}
3.4	{38F096B8-6096-4F6D-BB2F-54F1737E46D7}
3.5	{7524CA6D-01CE-4F74-9919-2A3EE79DEEAA}
3.6	{E5D059F5-184F-41B6-ABA6-BF9723D968D1}
3.7	{0B57C234-9C74-4F46-B9A4-338623A04A85}

ArcGIS Pro Language Pack – Portuguese (Brazilian)

Version	Product Code
2.5	{047C9098-7159-4CB9-944E-CD1146CB999A}
2.6	{4582437F-B3F5-4BED-9155-A119434B0D05}
2.7	{AF3E1C45-5679-4A6A-887A-6C657D778EC6}
2.8	{C3F31A2F-E8BF-4F37-A0DD-5DF03A9AA0A6}
2.9	{FF64D573-4BC9-4DE4-9282-80707F9B87EA}
3.0.3	{C99B87D0-87CE-4070-85F1-AFB3135F06FE}
3.1	{AF7766DD-A1AF-4909-920C-963BFAB0A7E7}
3.2	{62B0384C-725C-4669-9C46-E60AF0662842}
3.3	{8C889BA7-5B72-44C2-97DE-781F7E1391B6}
3.4	{DE73BC61-2D9C-4D16-9C50-0C33728E93C6}
3.5	{81E505AE-FB24-4DDF-A17B-8C6C5E74E23A}
3.6	{D1FC7D2F-FE17-4E6D-A8B6-0DE04601C9E5}
3.7	{C21BEF49-05D9-4EC9-8584-8BB674D66012}

ArcGIS Pro Language Pack – Russian

Version	Product Code
2.5	{C790EA95-0440-48BA-9B2D-5B585C181F3B}
2.6	{AA5941C5-FAE1-4ECF-8C65-77BFBC05C0CC}
2.7	{6466E45D-4A28-4538-AC5B-D595E4901C86}
2.8	{D50BBB12-9CF2-470A-AA98-124819A0BE19}
2.9	{8D480B33-8DA6-4252-87DC-65BFAF137970}
3.0.3	{210F9F3B-2A18-41CE-9994-BB5FF57B5BB1}
3.1	{825A9F99-E5C4-494F-8975-9036D0A55DFD}
3.2	{E7EDC0C0-00D3-42F6-8997-D9FA4C77AD00}
3.3	{D5574448-9881-42E2-87EA-CA3D5581728F}
3.4	{E93E03A6-BF9C-4CBC-80BC-64CBB5A04C02}
3.5	{284BFC3F-F9AC-46F0-A324-BB43B6201AFD}
3.6	{C0997188-D028-418E-A54B-085F1DCD1460}
3.7	{BAE5706A-B81C-407D-ACDD-9BA1BCD88D99}

ArcGIS Pro Language Pack – Spanish

Version	Product Code
2.5	{A9A9EE0D-E333-45A5-AB8D-C38616E5F8BC}
2.6	{D4013A26-5D34-45EC-A3EA-C5DA34DDF91F}
2.7	{0EC54285-087B-40AC-9BED-CE897AC803B7}
2.8	{862A38EF-EC37-4192-BB41-CF1B1772EFE1}
2.9	{2FE72F35-E2B1-4F8E-A5B0-02E11C746905}
3.0.3	{6B6EAF79-FFC6-4ABC-BA3F-E101560F844A}
3.1	{48A9B077-6803-4000-88FB-0FB8FB8FD01A}
3.2	{B6DC482C-506C-4148-AA8E-94C20DD83FB1}
3.3	{9B0953BD-668F-43C7-B029-3FCCBFE182A3}
3.4	{6E387367-9D29-466C-9106-339B26DC4490}
3.5	{2E54C421-2DAE-4AE3-93BE-5275FF935CFB}
3.6	{03E4C97D-B5FE-42C6-94FF-CD13CA9E4FD6}
3.7	{102F97C8-932E-4464-87D6-BCAC15843D25}

ArcGIS Pro Language Pack – Swedish

Version	Product Code
2.5	{629C62C7-C4CD-4FD2-A61F-3873CED6517C}
2.6	{76831F05-2345-48F7-B2F3-140DDE7DEA93}
2.7	{1EEE5727-87F9-471A-B73F-F1576BF1BBB5}
2.8	{5D7D192C-BF49-41C1-A23F-6159142D8E75}
2.9	{326D32EA-8239-4947-BAC9-E0052FA5BA28}
3.0.3	{9F534462-AF52-44BE-8790-472C7A068411}
3.1	{19A854BB-7BF5-4652-8D58-4A39CB19BACD}
3.2	{14C2B20E-3DCA-4073-BA38-C304181DBE86}
3.3	{63C99E9E-FA29-45B8-86C7-A1556C33C0A7}
3.4	{0EAC9F13-6F9B-4F1C-B8A0-7B7163AC03BD}
3.5	{E10AE3FC-FE97-41A5-857E-F31EA2937E10}
3.6	{13D3128A-0150-4FC0-AC2F-7625A49FE62F}
3.7	{87EC5837-7AE9-4615-81E4-A2B736404E4F}

ArcGIS Pro Language Pack – Turkish

Version	Product Code
2.5	{FD23593C-371B-44F6-9108-02AE99A43E2B}
2.6	{65DE44F4-E2A9-40F3-B298-C25DE648FAE6}
2.7	{6710D2F3-48C4-4C7A-9946-83CC342800A0}
2.8	{937F07B2-7B64-4953-96EC-1E15D47EB9DA}
2.9	{FA7F344A-5433-4CF7-94AD-A248BF59A44A}
3.0.3	{9C2D1951-B8BF-4A91-8A1A-403FA15E070A}
3.1	{47F14707-D7B8-42AF-AB38-284DF94E11BD}
3.2	{4D0A1AFB-DD83-402E-BD82-A4128E020925}
3.3	{6D65534F-A6C1-403B-9186-1E47E41E4050}
3.4	{851FFE62-66FD-41D7-A9D0-444B954CC083}
3.5	{2FE95842-5D38-425C-B17F-53B7711038ED}
3.6	{B5167E20-A34A-4E71-A8C8-5D4D21AD0751}
3.7	{94407C13-387C-46B0-8F15-BDC50C8A490E}

ArcGIS Pro Language Pack – Ukrainian

Version	Product Code
3.0.3	{D375F3BE-8B00-43DC-B9B3-392A444E77C9}
3.1	{0A30BD5A-436D-45BB-9F3C-E6DD0CE7C2A9}
3.2	{7DFF06E2-7C6A-4FE8-AAD6-0A4259AFDD57}
3.3	{7D118738-D038-400F-972E-1992A6BC0BA9}
3.4	{0B71B17E-CA69-408A-88E3-4BE4D128F87F}
3.5	{B1466F1E-3033-44A1-847F-F06EDC0296CF}
3.6	{6776D283-F0C1-493D-819E-00F5BA5F16A1}
3.7	{7653F4A3-ED22-4880-AE05-E6BB123D8B0D}

ArcGIS Data Interoperability for ArcGIS Pro

ArcGIS Data Interoperability for Pro gives the ability to integrate nonnative data into your GIS and share it with others who do not use ArcGIS. For comprehensive information on the installation of ArcGIS Data Interoperability for Pro, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to System Requirements at ArcGIS Pro System Requirements.

Setup Dependency

ArcGIS Pro setup of the same version must be installed on the machine. Installation will follow Installcontext of ArcGIS Pro. If ArcGIS Pro is installed to per machine, then ArcGIS Data Interoperability for Pro can only be installed to per machine. If ArcGIS Pro is installed to per user, then ArcGIS Data Interoperability for Pro can only be installed to per user. Previous to ArcGIS Pro version 3.3, ArcGIS Data Interoperability for Pro could only be deployed to a machine which had ArcGIS Pro in per machine context.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files \ArcGIS\Data Interoperability for ArcGIS Pro	No	No	Default installation location

Features Available

None

Localized Setups

None

Transforms

Changing INSTALLDIR

For per machine installation

1. In the CustomAction table, add a new row with the following values:

   Action: SetInstallDir
   Type: 51
   Source: INSTALLDIR
   Target: c:\MyProData

2. In the InstallExecuteSequence table, add a new row with the following values:

   Action: SetInstallDir
   Sequence: 985

Uninstall

To uninstall ArcGIS Data Interoperability for Pro silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2.5	{8EB6B440-9C8E-4739-A4FD-1B7438A14499}
2.6	{9F366C17-E615-4C55-85E9-F646C4A30A0B}
2.7	{A9BD7866-71EE-4FCB-9AB8-FE03BEA78C32}
2.8	{918560B6-96AE-4002-987D-41DE7706F879}
2.9	{DE8B6635-C3F9-4566-B0C9-F0A90C17E5A1}
3.0.3	{78E79722-2A97-4CA9-A3FF-B45D3DD7D7FA}
3.1	{D7189FF4-999B-4783-8B3D-01B900BFF16C}
3.2	{7FFFFCBC-0C97-4B5A-9A5D-74A79D0C43AF}
3.3	{37F59181-A898-46C4-BBFC-B209FED50428}
3.4	{7F066F83-DA01-44F2-9666-6EFA801CCB3D}
3.5	{50DC0AD9-A7DB-4093-ADD1-78A12841873D}
3.6	{C1BC0512-8B35-4229-AB23-373509FEBAFC}
3.7	{1AB8880E-529C-4438-9B1F-269648AD825A}

The product code changes with every update of ArcGIS Data Interoperability for Pro. The product code is found in the registry at HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\Data Interoperability for ArcGIS Pro.

Deep Learning Libraries for ArcGIS Pro

Deep Learning Libraries for ArcGIS Pro includes a broad collection of components, such as PyTorch, TensorFlow, Fast.ai and scikit-learn, for performing deep learning and machine learning tasks. For a list of supported operating systems and hardware requirements, refer to the system requirements at GitHub.

Setup Dependency

ArcGIS Pro setup of the same version must be installed on the machine. Installation will follow Installcontext of ArcGIS Pro. If ArcGIS Pro is installed to per machine, then Deep Learning Libraries for ArcGIS Pro can only be installed to per machine. If ArcGIS Pro is installed to per user, then Deep Learning Libraries for ArcGIS Pro can only be installed to per user.

Feature Dependency

None

Command Line Parameters

None

Features Available

None

Localized Setups

None

Transforms

Changing INSTALLDIR

Deep Learning Libraries for ArcGIS Pro installs to the Installation directory of ArcGIS Pro. It is not possible to change this with a transform.

Uninstall

To uninstall Deep Learning Libraries for ArcGIS Pro silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2.6	{4DB354CF-3CF3-44BF-AAA4-F3F32D8FF95C}
2.7	{579D9FF1-4CAC-4638-9FA7-FCFAC0D94C9F}
2.8	{FC460572-8B57-47D4-A38D-96FA5DF8EBA6}
2.9	{207AE464-2D72-4A92-ADF7-F3947D0755B0}
3.0.3	{16BAC979-0868-4E94-AAFC-3FEA47375F9E}
3.1	{D28543DB-AF91-4CFE-9720-AE0F796DA43C}
3.2	{713C97D1-F666-4EFE-A370-718646B23459}
3.3	{24CFF061-D968-45CF-8CAB-D9E818A4318F}
3.4	{6C9433E9-AEA5-4C85-8183-1B4BBF9C47F1}
3.5	{0354AE95-2315-47B6-A8C4-2B694220785A}
3.6	{AAB2647E-C7EE-4FFB-81D2-54BF1F070941}
3.7	{3E61D7ED-F500-4E1C-8772-97D45DDC4A08}

The product code changes with every update of Deep Learning Libraries for ArcGIS Pro. The product code is found in the registry at HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\Deep Learning Libraries for ArcGIS Pro.

ArcGIS Pro Coordinate Systems Data

ArcGIS Pro Coordinate Systems Data installs the data files required to perform geographic transformations (for example, NTv2, GEOCON, and NADCON5) and vertical transformations (for example, EGM and VERTCON). If you want everyone who uses ArcGIS Pro on the machine to have access to the coordinate system data, install ArcGIS Coordinate Systems Data. If only a specific user will use the coordinate system data on the machine, or if the user does not have privileges to install software anywhere except user folder, install ArcGIS Pro Coordinate Systems Data.

ArcGIS Pro Coordinate Systems Data can be installed on the same machine as other ArcGIS Desktop releases or on a machine without any Esri products.

Setup Dependency

- ArcGIS Pro Coordinate Systems Data setup is not a dual mode setup. It can only be deployed to a per user context.
- For ArcGIS Pro Coordinate Systems Data to be installed per user on supported Windows Server operating systems, the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer must contain the REG_DWORD data type DisableMSI, with a value of 0. For more information, see MSDN's topic, DisableMSI.

Feature Dependency

None

Properties

The following properties can be added to the msiexec command line:

Parameter	Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\%USERPROFILE%\AppData\Local\Programs\ArcGIS\CoordinateSystemsData	No	No	ArcGIS Pro Coordinate Systems Data installation location
ALLUSERS	2	No	No	ALLUSERS=2 specifies a per user installation. If this parameter is not specified, the silent installation defaults to per user.
MSIINSTALLPERUSER	1	No	No	To do a per user installation, specify both ALLUSERS=2 and MSIINSTALLPERUSER=1. This property is ignored if ALLUSERS=1 is specified.

To install to per user, use the following command line:

```
msiexec.exe /i <setup location>\ProCoordinateSystemsData.msi /qb ALLUSERS=2
MSIINSTALLPERUSER=1
```

If ALLUSERS and MSIINSTALLPERUSER are not specified on the command line for a silent installation, it will default to per user installation.

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.

Feature	Feature Parent	Title	Description
CoordinateSystemsData		Coordinate Systems Data	Coordinate Systems Data
Geographic	CoordinateSystems Data	Geographic	This feature contains grid files that convert between two geographic coordinate systems.
asia_geo	Geographic	Asia	Grid files required for Asian transformations including Japan.
australia_nz_geo	Geographic	Australia and New Zealand	Grid files required for Australia and New Zealand transformations.
europe_geo	Geographic	Europe	Grid files required for European transformations.

north_america_geo	Geographic	North America	Grid files required for North American transformations.
pacific_geo	Geographic	Pacific	Grid files required for Pacific region transformations including Japan and US territories.
south_america_geo	Geographic	South America	Grid files required for South American transformations.
Vertical	CoordinateSystems Data	Vertical	This feature contains grid files that convert between two vertical coordinate systems.
africa_vert	Vertical	Africa	Grid files required for Australia and New Zealand vertical transformations.
asia_vert	Vertical	Asia	Grid files required for Asian vertical transformations including Japan.
australia_nz_vert	Vertical	Australia and New Zealand	Grid files required for Australia and New Zealand vertical transformations.
caribbean_vert	Vertical	Caribbean Sea	Grid files required for Caribbean region vertical transformations.
europe_vert	Vertical	Europe	Grid files required for European vertical transformations.
indian_ocean_vert	Vertical	Indian Ocean	Grid files required for Indian Ocean region vertical transformations.
north_america_vert	Vertical	North America	Grid files requires for North American vertical transformations.
pacific_vert	Vertical	Pacific	Grid files required for Pacific region vertical transformations including Japan.
south_america_vert	Vertical	South America	Grid Files required for South American vertical transformations.
world1x1_vert	Vertical	World 1x1	This feature contains the EGM2008 1' x 1' world geoid model file.

world_vert	Vertical	World	This feature contains the EGM84 and 2.5' x 2.5' EGM2008 world geoid files.

Localized Setups None

Uninstall To uninstall ArcGIS Pro Coordinate Systems Data silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2.5	{45FA9595-1C14-4CDA-B255-19C90FEAFADC}
2.6	{FBE7113F-2BFC-478E-9364-9027D0324FE2}
2.7	{FFD2B5A1-C247-455E-BDB1-51D04C33A393}
2.8	{BD2036E2-5371-48E7-B4EF-1DD675866FD4}
2.9	{B0ED3E10-910C-4C76-81B4-ED2E00AD0947}
3.0.3	{57102580-1EB6-45ED-A8D7-02D791630D10}
3.1	{E6050300-4F90-41F1-B633-4BC0C744F3BE}
3.2	{57762395-3BA0-4F64-B6F6-7AF5FB9331E4}
3.3	{36F6C295-156F-4029-95B7-6B886F763AF9}
3.4	{8A6653C0-F4AA-4A75-9D88-57CB40DF3A0C}
3.5	{AFE5962E-D797-48A8-AC46-422D6DE1A481}
3.6	{7E017FD3-8AC8-423F-AF11-6BAD6BBE68B6}
3.7	{7C05B0A5-E9BC-47EF-BE46-59026016D97F}

DJI Camera Support for ArcGIS Pro

DJI Camera Support for ArcGIS Pro converts pixel values to temperature values for images captured by specific DJI thermal infrared cameras. If the DJI Camera Support component package is not downloaded and installed pixel values will be reported as relative brightness instead of temperature.

Setup Dependency ArcGIS Pro setup of the same version must be installed on the machine. Installation will follow Installcontext of ArcGIS Pro. If ArcGIS Pro is installed to per machine, then DJI Camera Support for ArcGIS Pro can only be installed to per machine. If ArcGIS Pro is installed to per user, then DJI Camera Support for ArcGIS Pro can only be installed to per user.

Feature Dependency None

Command Line Parameters None

Features Available None

Localized Setups None

Transforms **Changing INSTALLDIR**

DJI Camera Support for ArcGIS Pro installs to the Installation directory of ArcGIS Pro. It is not possible to change this with a transform.

Uninstall

To uninstall DJI Camera Support for ArcGIS Pro silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
3.6	{275971BE-1C5F-4580-830B-8E7321BB13A5}
3.7	{FA71EA26-A857-4BA9-A1BE-9E6AE3E62174}

The product code changes with every update of DJI Camera Support for ArcGIS Pro. The product code is found in the registry at HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion \Uninstall\ DJI Camera Support for ArcGIS Pro.

ArcGIS License Manager 2025.1

For comprehensive information on the installation of ArcGIS License Manager 2025.1, refer to the reference guide. For a list of supported operating systems and hardware requirements, refer to the system requirements.

ArcGIS License Manager 2025.1 uses FlexNet Publisher license management software. Details on the version of FlexNet Publisher used in each version of ArcGIS License Manager can be found in Knowledge Base article 13214. This version of the license manager will support all product releases listed within the Supported Software Products topic. Visit the Existing users page for information on migrating from previous versions to 2025.1.

Listed below are the Esri software products supported by ArcGIS License Manager 2025.1.

- Concurrent Use

  ArcGIS Desktop 10.8.2, 10.8.1, 10.8, 10.7.x, 10.6.x, 10.5.x, 10.4.x, 10.3.x, 10.2.x, 10.1 SP1, 10.1, 10.0, 9.x

  ArcGIS Engine 10.8.2, 10.8.1, 10.8, 10.7.x, 10.6.x, 10.5.x, 10.4.x, 10.3.x, 10.2.x, 10.1 SP1, 10.1, 10.0

  ArcGIS Pro 3.6.x, 3.5.x, 3.4.x, 3.3.x, 3.2.x, 3.0.x, 2.9.x, 2.8.x, 2.7.x, 2.6.x, 2.5.x, 2.4.x 2.3.x, 2.2.x, 2.1.x, 2.0.x, 1.4.x

  ArcGIS CityEngine 2025.x, 2024.x, 2023.x, 2022.x, 2021.x, 2020.x, 2019.x, 2018.x, 2017.x, 2016.x, 2015.x, 2014.x, 2013.x, 2012.x (* projected future release, subject to change)

  ARC/INFO Workstation 10.0, 9.x

- Named User (via ArcGIS Enterprise)

ArcGIS Pro 3.6.x, 3.5.x, 3.4.x, 3.3.x, 3.2.x, 3.0.x, 2.9.x, 2.8.x, 2.7.x, 2.6.x, 2.5.x, 2.4.x, 2.3.x, 2.2.x, 2.1.x, 2.0.x, 1.4.x, 1.3.x, 1.2.x, 1.1.x, 1.0.x

Drone2Map 2025.x, 2024.x, 2023.x, 2022.x, 2.3.x, 2.2.x, 2.1.x, 2.0.x, 1.3.x, 1.2.x, 1.1.x, 1.0.x (* projected future release, subject to change)

For ArcGIS Enterprise, Pro, and License Manager version compatibility, please refer to the compatibility matrix in the ArcGIS Enterprise Help documentation.

Note: ArcGIS License Manager was deprecated July 1, 2025. Updates will be available into 2028 to support software that uses Concurrent Use licenses until those versions enter Mature support. See Concurrent Use License Type and ArcGIS License Manager Deprecation Notice for more information.

Recommendation: Before updating to newer software versions of ArcGIS Pro and ArcGIS CityEngine released in 2026 and later, customers must move to a supported license type such as Named User (available through ArcGIS user types) or Single Use licenses (if needed for ArcGIS Pro only). If a customer updates their software version without changing their license type, the updated software will not open.

Setup Dependency

If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
2020.0	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
2020.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
2021.0	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
2021.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
2022.0	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
2022.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
2023.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
2024.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
2024.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
2025.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
2025.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS \LicenseManager	No	No	ArcGIS License Manager 2025.1 installation location

MODIFYFLEXDACL	FALSE	No	No	This is the default value.
	TRUE	No	No	Setting this property to TRUE alters the following permissions, allowing management of the FlexNet anchor service by any user: SERVICE_QUERY_CONFIG SERVICE_QUERY_STATUS SERVICE_ENUMERATE _DEPENDENTS SERVICE_START SERVICE_INTERROGATE SERVICE_USER_DEFINED _CONTROL READ_CONTROL
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available

None

Localized Setups

ArcGIS License Manager setup is available in Arabic, Simplified Chinese, Finnish, French, German, Italian, Japanese, Brazilian Portuguese, Russian, Spanish, and Turkish. Running setup.exe provides a fully localized installation experience. Setup.exe is a bootstrapper executable file that will run the main product setup.msi and then run the language pack setup.msi as a secondary installation.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyLicenseManager\. The backslash must be included.

Uninstall

To uninstall ArcGIS License Manager silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
2020.0	{F89EA66A-6AC2-401C-B8A0-E3ABDB5EDC10}
2020.1	{3C9B5AFE-057B-47B3-83A6-D348ABAC3E14}
2021.0	{9DDD72DA-75D2-4FB0-BC19-25F8B53254FF}
2021.1	{DA36A877-1BF2-4E28-9CE3-D3A07FB645A3}
2022.0	{A3AC9C93-E045-4CAE-AAE4-F62A8E669E02}
2022.1	{96804860-2C2F-4448-AE47-76CB160AD043}
2023.0	{C5E546F7-5E07-4AAB-A367-15FF52D0C683}
2024.0	{D9D91CDE-048A-47B5-AFE7-FB397DAF87D9}
2024.1	{2BCB59D3-E25C-4F17-8C94-121A12B68A6C}
2025.0	{6D41720D-070B-4023-B58A-74F507FC4AD7}
2025.1	{7917E829-F495-4FDE-8213-F59B49D51545}

ArcGIS Server

ArcGIS Server is a back-end server software component of ArcGIS Enterprise that makes your geographic information available to others in your organization and, optionally, anyone with an internet connection. This is accomplished through GIS services, which allow a server computer to receive and process requests for information sent by other devices For comprehensive information on the installation, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

ArcGIS Server only communicates through port 6443 by default. This port is also used for communication between ArcGIS Server machines. Ensure your firewall allows HTTP communication through this port. Port 6006 is used by ArcGIS Server for internal processes. It must be available for ArcGIS Server to start successfully and cannot be used by other programs or applications. More details on the ports is available online at Ports used by ArcGIS Server.

Each installation of ArcGIS Server requires an authorization file. You must apply the same ArcGIS Server license edition to each machine in your site.

After installing ArcGIS Server, you can use it right away, or you can integrate it with your organization's existing web server by installing ArcGIS Web Adaptor. You also need to have ArcGIS Pro installed on at least one computer in your organization to publish GIS services. This computer does not have to be the server.

Setup Dependency

If the following system requirements and products are not detected on the machine, setup.msi will not proceed:

- 64-bit operating system.
- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.
- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi

will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.7	Microsoft Visual C++ 2017 Redistributable (x86) Update 5 Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.7.1	Microsoft Visual C++ 2017 Redistributable (x86) Update 5 Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x86) Minimum version 14.22.27821 Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x86) Minimum version 14.22.27821 Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x86) Minimum version 14.27.29016 Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x86) Minimum version 14.27.29016 Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x86) Minimum version 14.31.31103 Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x86) Minimum version 14.31.31103 Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x86) Minimum version 14.31.31103 Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

- ArcGIS Server 12.1 cannot be installed on the same machine as any version of ArcGIS Desktop, ArcReader, and ArcGIS Engine clients.

Note: ArcGIS Server is not supported on domain controllers. Installing ArcGIS Server on a domain controller may adversely affect functionality.

Feature Dependency

- .NET Extension Support

  The .NET Extension Support feature requires Microsoft .NET. If the required minimum Microsoft .NET version is not found, the .NET Extension Support feature will not be available for installation. The .NET Extension Support feature is required for server object extension (SOE) development and use.

Version	.NET Version
10.7	Microsoft .NET Framework 4.5.2
10.7.1	Microsoft .NET Framework 4.5.2
10.8	Microsoft .NET Framework 4.5.2
10.8.1	Microsoft .NET Framework 4.5.2
10.9	Microsoft .NET Framework 4.5.2
10.9.1	Microsoft .NET Framework 4.5.2
11.0	.NET Desktop Runtime 6 (x64) or .NET SDK 6 (x64)
11.1	.NET Desktop Runtime 6 (x64) or .NET SDK 6 (x64)
11.2	.NET Desktop Runtime 6 (x64) or .NET SDK 6 (x64)
11.3	.NET Desktop Runtime 8 (x64) or .NET SDK 8 (x64)
11.4	.NET Desktop Runtime 8 (x64) or .NET SDK 8 (x64)
11.5	.NET Desktop Runtime 8 (x64) or .NET SDK 8 (x64)
12.0	.NET Desktop Runtime 8 (x64) or .NET SDK 8 (x64)
12.1	.NET Desktop Runtime 10 (x64) or .NET SDK 10 (x64)

Command Line Parameters

The following properties can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS\Server	No	No	ArcGIS Server installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file

Parameter	Default Value	Case Sensitive	Required	Description
CONFIGPATH		Yes	No	Full path and name of server configuration file. Used in conjunction with ACCOUNT=UseConfig File, this property specifies the server configuration file for configuring the ArcGIS Server account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the server configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

ArcGIS Server Account

The ArcGIS Server account must be configured when ArcGIS Server is installed silently. For production systems, it is recommended that a preexisting account be designated that resides in your domain or Active Directory and follows your organization's security policy. If the ArcGIS Server account is not defined during a silent installation, or the credentials are not valid, the ArcGIS Server setup displays a warning message during installation. The message can be closed by

clicking OK. Under these circumstances, the ArcGIS Server account is set to the Local System account.

When using an existing domain account, enter the following:

```
msiexec /I \\machinename\ArcGIS_Server\setup.msi /qb USER_NAME=mydomain\mydomainaccount
PASSWORD=my.password
```

When using a new or existing local account, enter the following:

```
msiexec /I \\machinename\ArcGIS_Server\setup.msi /qb USER_NAME=myaccount
PASSWORD=my.password
```

Server Configuration File

A server configuration file from previous installations or from other machines can be used to speed up the configuration process on other ArcGIS Server machines and reduce the chance of inadvertently typing a wrong name or password. While the account password is encrypted, be sure to store the configuration file in a secure location. When exporting a server configuration file to a network share, the Local System account on the machine where ArcGIS Server is being installed must have write permissions to the network share. A server configuration file can be imported by specifying both ACCOUNT and CONFIGPATH parameters. It can be exported by specifying both EXPORTCONFIG and CONFIGPATH parameters.

When importing ArcGIS Server account credentials using a server configuration file, enter the following:

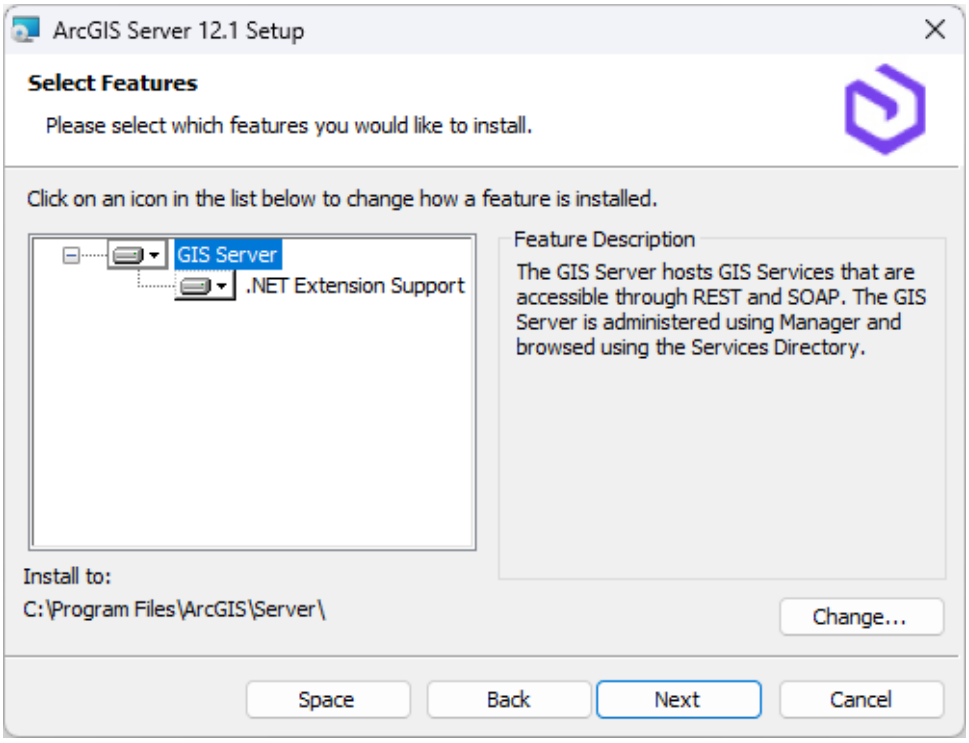
```
msiexec /I \\machinename\ArcGIS_Server\setup.msi /qb ACCOUNT=UseConfigFile
CONFIGPATH=\\networkmachine \serverconfigs\standardaccount.xml
```

When exporting ArcGIS Server account credentials to a server configuration file, enter the following:

```
msiexec /I \\machinename\ArcGIS_Server\setup.msi /qb EXPORTCONFIG=Yes
CONFIGPATH=\\networkmachine \serverconfigs\standardaccount.xml
```

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.



Feature	Feature Parent	Title	Description
DotNetSupport	GIS_Server	.NET Extension Support	The .NET Extension Support feature is for developers who want to extend ArcGIS Server with .NET Server Object Extensions (SOEs) and Server Object Interceptors (SOIs). This feature is also required for deploying .NET SOEs and SOIs.
GIS_Server		GIS Server	The GIS server hosts GIS services that are accessible through REST and SOAP. The GIS server includes a default web server; it is administered using Manager and browsed using Services Directory.

Existing ArcGIS Server Users

When upgrading from 11.0 - 12.0 silently, users must specify the ArcGIS Server account used by the ArcGIS Server 11.0 - 12.0 site. Typically, this is the account defined when installing 11.0 - 12.0. If the account has changed since 11.0 - 12.0 was installed, for example, by using the Configure ArcGIS Server Account utility, the user name and password designated when modifying the account must be entered. You can determine the ArcGIS Server account by accessing the Configure ArcGIS Server Account utility from the Start menu on the machine hosting ArcGIS Server. The ArcGIS Server account is listed in the dialog box.

If the ArcGIS Server account is not specified or does not match the ArcGIS Server account used by the current site, the installation process will display a message indicating the credentials could not be validated. The installation will exit as a result. In the examples below, the ArcGIS Server account used by a previous version site is myaccount.

ArcGIS Server 11.0 - 12.0 Users

The ArcGIS Server 12.1 setup package is designed to detect and upgrade an existing installation of ArcGIS Server 11.0 - 12.0 on the target system.

To upgrade using setup.exe, follow the step below:

1. On the machine hosting ArcGIS Server 11.0 - 12.0, run the following command line. Setup.exe will call setup.msi with the provided command line parameters.

```
<path to ArcGIS Server setup download folder>\setup.exe /qb USER_NAME=myaccount
PASSWORD=mypassword
```

To upgrade using setup.msi, follow the step below:

1. On the machine hosting ArcGIS Server 11.0 - 12.0, run the following command to run ArcGIS Server 12.1 setup.msi.

```
msiexec /i <path to ArcGIS Server setup download folder>\setup.msi /qb USER_NAME=myaccount
PASSWORD=mypassword
```

ArcGIS 10.9.1 and Previous for Server Users

You must uninstall versions 10.9.1 and earlier of ArcGIS Server from your machine before proceeding with the ArcGIS Server installation.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.

2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyServer\. The backslash must be included.

Uninstall

To uninstall ArcGIS Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{98D5572E-C435-4841-A747-B4C72A8F76BB}
10.7.1	{08E03E6F-95D3-4D33-A171-E0DC996E08E3}
10.8	{458BF5FF-2DF8-426B-AEBC-BE4C47DB6B54}
10.8.1	{E9B85E31-4C31-4528-996B-F06E213F8BB3}
10.9	{32A62D8E-BE72-4B28-AA0E-FE546D827240}
10.9.1	{E4A5FD24-5C61-4846-B084-C7AD4BB1CF19}
11.0	{A14CF942-415B-461C-BE3C-5B37E34BC6AE}
11.1	{0F6C2D4F-9D41-4D25-A8AF-51E328D7CD8F}
11.2	{30269B69-BC12-45EB-BE81-A76831CA6644}
11.3	{BFADF38F-B9D3-40E6-AFD5-7DA1DA5BD349}
11.4	{C5CF7CE9-7501-4ECC-9C48-A7DD5A259AE2}
11.5	{BBFCF183-6CB3-409F-A855-21D48C5F079B}
12.0	{97DB2F11-2C92-41DF-9C6D-F71648CD2AC9}
12.1	{93056F2C-C97C-4958-B79E-92E9873F8C61}

ArcGIS Server Help Language Pack

The English help documentation is installed as part of the ArcGIS Server setup. To view the help in a language other than English, you need to download and install the ArcGIS Server Help Language Pack from My Esri.

There is only one Help Language Pack setup for ArcGIS Server. The ArcGIS Server Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu - Chinese (Simplified Han), French, German, Japanese, Russian, and Spanish. To change the shortcut language, uninstall the ArcGIS Server Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Server, the ArcGIS Server Help Language Pack setup will not be installed automatically. It must be installed separately.

If a previous version of a localized ArcGIS Server is installed, upgrading to ArcGIS Server 12.1 will only upgrade ArcGIS Server. Any language packs will not be upgraded. To upgrade the language-specific resources, the previous version of ArcGIS Server language packs must be uninstalled before installing the ArcGIS Server 12.1 Resource Language Pack or ArcGIS Server 12.1 Help Language Pack. Running setup.exe for ArcGIS Server will upgrade ArcGIS Server only. The previous version of the language packs will be retained in the original installation location and will not be functional.

Setup Dependency

ArcGIS Server setup of same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	zh-CN	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
Chinese (Simplified Han)	zh-CN
French	fr
German	de
Japanese	ja
Russian	ru
Spanish	es

Features Available None

Transforms

Changing INSTALLDIR

ArcGIS Server Help Language Pack installs to the Installation directory of ArcGIS Server. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS Server Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
12.0	{CF304F77-9AE6-4C99-9D3E-FFBDB9B84D16}
12.1	{5A222D85-532E-45E0-A6C3-65C4710E1564}

ArcGIS Server Resource Language Pack

ArcGIS Server Resource Language Pack includes language-specific resources for ArcGIS Server Manager. You do not need to install a resource language pack for ArcGIS Server Manager. However, to view logs and messages in languages other than English, you must install the ArcGIS Server Resource Language Pack. Download and install the ArcGIS Server Resource Language Pack from My Esri.

There is only one Resource Language Pack setup for ArcGIS Server. The ArcGIS Server Resource Language Pack setup installs localized help files for all supported languages - Arabic, Simplified Chinese, French, German, Italian, Japanese, Brazilian Portuguese, Russian, Spanish, and Turkish.

If you run Setup.exe for ArcGIS Server, the ArcGIS Server Resource Language Pack setup will not be installed automatically. It must be installed separately.

If a previous version of a localized ArcGIS Server is installed, upgrading to ArcGIS Server 12.1 will only upgrade ArcGIS Server. Any language packs will not be upgraded. To upgrade the language-specific resources, the previous version of

ArcGIS Server language packs must be uninstalled before installing the ArcGIS Server 12.1 Resource Language Pack or ArcGIS Server 12.1 Help Language Pack. Running setup.exe for ArcGIS Server will upgrade ArcGIS Server only. The previous version of the language packs will be retained in the original installation location and will not be functional.

Setup Dependency

ArcGIS Server setup of same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

None

Features Available

None

Transforms

Changing INSTALLDIR

ArcGIS Server Resource Language Pack installs to the Installation directory of ArcGIS Server. It is not possible to change this with a transform.

Uninstall

To uninstall ArcGIS Server Resource Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
12.0	{B4510CE8-09A5-4535-A0FC-995C36714124}
12.1	{F37768FA-8A5D-45CF-BF94-B0784A0872D6}

To uninstall 10.7 - 11.5 ArcGIS Server Language Packs silently, use the following ProductCode values.

ArcGIS Server Language Pack – Arabic

Version	Product Code
10.7	{20E8D738-F653-4A90-AA86-37493AEA80B3}
10.7.1	{392843C1-208F-4C5F-8C25-9E9E26359DDB}
10.8	{4AC41F43-6BDD-4003-9661-626A7D1821F6}
10.8.1	{7A03A8D0-1890-488D-92DE-06D9E6D2C51A}
10.9	{8A3B71EB-E4D7-405D-A4C0-B29CA5A4AE43}
10.9.1	{918714D6-7D2B-4AE3-8990-0BE5B48BE770}
11.0	{12FAF1E0-B717-419C-8E38-FEE421E65502}
11.1	{27E4C41B-90C4-43DD-BC73-F04D8EFFCF54}
11.2	{30269B69-BC12-45EB-BE81-A76831CA6644}
11.3	{30269B69-BC12-45EB-BE81-A76831CA6644}
11.4	{5CA3A710-2F14-400B-8220-B8498FD1DD73}
11.5	{638C80AD-3770-4E7C-9EFB-087B1EA3C095}

ArcGIS Server Language Pack – Chinese (Simplified)

Version	Product Code
10.7	{6194F47E-5201-4891-B7A7-A098FFD95B08}
10.7.1	{DE40FA37-F7CB-4222-A55B-AA1C08056F21}
10.8	{31BEB0F7-805A-4C8C-81BF-988ED95F8AA9}
10.8.1	{656891D6-EC8A-4060-B001-7262AE36A526}
10.9	{79A07850-E1BD-4EDB-B511-013CDF13E653}
10.9.1	{8F0B5A02-80E5-49BD-A343-096882EA256B}
11.0	{04A7EE6A-9118-4476-A7EB-A95222DC1404}
11.1	{1AEDAB66-7551-460D-9004-73D07DC648E2}
11.2	{2F6C237A-FE59-42A2-8526-8D0C85E2FB61}
11.3	{2F6C237A-FE59-42A2-8526-8D0C85E2FB61}
11.4	{41653360-EC54-4B66-8404-8ED395DEA5A3}
11.5	{5A87D7E1-80DF-4163-B9A3-FA32959E5A43}

ArcGIS Server Language Pack – French

Version	Product Code
10.7	{CFE6733D-9D03-4E17-95AE-08E8855D64C9}
10.7.1	{523C39A6-CB85-49FC-B3AF-B6AB2BB6ED22}
10.8	{704BE266-768B-455A-9E33-CD90003EB7DF}
10.8.1	{0FC94791-D90F-4309-ABC0-C062C997EBF1}
10.9	{1B7AB41E-75C6-4E94-9B6E-158C851FE372}
10.9.1	{2D7E796C-3618-4D69-8E5F-2B3D9CAD4F25}
11.0	{443E5E64-E31F-42A7-A906-8391DA4B059E}
11.1	{5F53245B-4E92-4F30-B68F-DB5339D60646}
11.2	{650E8159-515E-401F-B6D6-910DD102AB00}
11.3	{650E8159-515E-401F-B6D6-910DD102AB00}
11.4	{86C1C85D-D44C-4BFD-BAD0-84F184E1742E}
11.5	{9490D319-4964-4F5C-ADA4-094394CB32C6}

ArcGIS Server Language Pack – German

Version	Product Code
10.7	{AE8D6E66-C5E3-4CAE-8398-27C1BD9FBBC3}
10.7.1	{7055DC67-7839-44FE-839B-B9626E0578CB}
10.8	{57AE69C4-F297-45A0-AFC2-AD1B2ADBAEE4}
10.8.1	{877B0C5B-13E5-4ECF-ABAA-5B76E360D47D}
10.9	{928E9938-FAFB-4A56-9A49-F27652628B58}
10.9.1	{02B32C18-84CA-40F8-B5B6-B3C1A44B5029}
11.0	{2CE4C1A2-EB2E-4044-A69E-2BA4D842DA58}
11.1	{392E8BA1-42F8-46BA-AC8D-F94BECA6DE87}
11.2	{4EC234A0-A2C1-43F2-876A-D0EFC7B4B967}
11.3	{4EC234A0-A2C1-43F2-876A-D0EFC7B4B967}
11.4	{62640198-8F9F-456F-9ABC-F08C88B5BEC1}
11.5	{7CB95714-8B7D-4F89-BC06-E0C58BE03699}

ArcGIS Server Language Pack – Italian

Version	Product Code
10.7	{FF7A13D4-7652-49DA-91BC-2D49F44A0804}
10.7.1	{4C835EA8-BD03-409C-9745-740A7D002852}
10.8	{81FF1BAB-9177-46D3-80CB-9F7AAC820B70}
10.8.1	{16A657FD-CF64-44EA-960A-77114E654729}
10.9	{25A54B2D-D033-4DD4-9FAA-5E46157D5869}
10.9.1	{32CB6189-CBF4-4A9A-9189-77906A979060}
11.0	{5619CAEB-5291-4248-8D75-B82DCE5FE6B1}
11.1	{6DD7E45C-9307-4A1C-A873-36952D4F8A58}
11.2	{7D6482BE-4547-4703-9C82-C9AC501A85CC}
11.3	{7D6482BE-4547-4703-9C82-C9AC501A85CC}
11.4	{9204CAE1-49E5-4B4D-95D6-3DEF3ABCAF3B}
11.5	{0831DAFF-6210-4526-BC0F-6B50169743A4}

ArcGIS Server Language Pack – Japanese

Version	Product Code
10.7	{C0D38610-0473-4D18-B46F-7E456A0D6849}
10.7.1	{5C39FBDB-B2B7-46BB-BBAE-0D033AA62337}
10.8	{9986AB72-C9B6-4C1B-B41E-778AFBE9E2EC}
10.8.1	{290B1A2C-3A1E-439F-B8BF-EBAF2CA1BD66}
10.9	{31510309-897D-43EB-86D9-17B17C103C42}
10.9.1	{4D878D2E-1734-48E0-8E7D-E9A8C119A5E3}
11.0	{684EDDB8-636F-4D6A-925C-94A8507E7049}
11.1	{71C5BAE9-73FD-4BF9-AA2F-2B7EBA7A004D}
11.2	{8702842F-C088-4261-A9EF-FE1FA2EBDEE2}
11.3	{8702842F-C088-4261-A9EF-FE1FA2EBDEE2}
11.4	{00451E76-A5D8-4E33-978D-76BB46EBCC00}
11.5	{1B1D059F-516A-4275-BC49-19E23D219802}

ArcGIS Server Language Pack – Portuguese (Brazilian)

Version	Product Code
10.7	{96700DD7-FA0A-4332-9316-1F930C08C1EF}
10.7.1	{947C52F1-2D85-492A-B0CC-275A680E13A8}
10.8	{00E83C25-FA06-4F6D-A8D0-89895BC72A6C}
10.8.1	{3FEA8EE7-32EC-40C1-A1FF-0BEB3D5E763A}
10.9	{45C659AD-0BA5-4739-8F9F-0E47526B68C7}
10.9.1	{5B2B10CF-0760-4FC7-AD50-74B758608F52}
11.0	{718688F4-2C80-4873-9FDF-8860B42F5B3F}
11.1	{848117A4-96B9-4559-AADC-7E99318B094B}
11.2	{9D857840-BB86-4AE8-84BB-1FA605112B5F}
11.3	{9D857840-BB86-4AE8-84BB-1FA605112B5F}
11.4	{17CDC495-6AE8-495E-8721-9914CDDB4259}
11.5	{2BCE8DA0-2E37-4810-9668-61BB052D8B6C}

ArcGIS Server Language Pack – Russian

Version	Product Code
10.7	{BE4BB3B2-09C2-45D9-88F5-08DE33452326}
10.7.1	{A62461BD-4B97-427B-815A-C84336D311D5}
10.8	{1F2D082D-6131-47CD-B799-CBF931DDE9BB}
10.8.1	{45BAA37F-1958-4FDA-B61C-843987900F49}
10.9	{54E01648-5D66-4F25-A2D2-0084BCE592B1}
10.9.1	{64DBAF21-CA11-4FC1-96A9-AD2E3932AB1C}
11.0	{83E3C4B2-5155-4B8C-BC50-621064D87F98}
11.1	{9E9248A8-1BE6-419A-BAD3-738D650B4950}
11.2	{0B69A72B-FB2C-45E6-BEED-175E1FC3AAB6}
11.3	{0B69A72B-FB2C-45E6-BEED-175E1FC3AAB6}
11.4	{287DD276-F6DC-493A-BBD2-AC03921242B7}
11.5	{371F663C-D81B-4351-A0FA-87AA87A62AA2}

ArcGIS Server Language Pack – Spanish

Version	Product Code
10.7	{A3F9BFD5-2ABD-4DBF-B0DE-51FC2E957847}
10.7.1	{097BFD50-2455-44D1-B97C-2A35670298E5}
10.8	{69A4F6F3-0E12-4F7A-AE2E-19B631467B87}
10.8.1	{97118B15-4BE6-4EC5-A53C-6D1DA0ADB5D0}
10.9	{08378314-2614-42BE-9ECB-A310103009E3}
10.9.1	{1DF1ED4E-46E9-48CD-A132-5D993AE54F53}
11.0	{34DE1A6A-8517-443B-9008-D2D96B7D065D}
11.1	{44900D1A-B4C5-469D-B441-3B935E13574D}
11.2	{57D4D6D4-5197-41F8-B510-0338495F2DDE}
11.3	{57D4D6D4-5197-41F8-B510-0338495F2DDE}
11.4	{7C9DC89D-23BC-488A-A564-6FF94D03D1BC}
11.5	{8CC82576-1283-4059-B254-817978531A73}

ArcGIS Server Language Pack – Turkish

Version	Product Code
10.7	{27B3EAD8-7891-4A0D-A99A-F89D43A975BE}
10.7.1	{CE333959-F7E0-405C-A736-9CB2980F369B}
10.8	{2C093334-B99C-4E2B-B5E8-A8613B931A49}
10.8.1	{5338E97B-698D-439D-BCCA-B50D249F7EE7}
10.9	{6B3FF25A-725C-4DC9-8323-F10FADB6E954}
10.9.1	{77C4DD97-EC7B-4044-AD87-A6416D6E280E}
11.0	{9A336D59-6B22-4740-8769-F155B3CFB282}
11.1	{0A291AB1-3E64-4176-9218-D05D1B1ADEBA}
11.2	{19D68494-CCA3-44A3-BCFE-894555AB1520}
11.3	{19D68494-CCA3-44A3-BCFE-894555AB1520}
11.4	{39BAB59F-9C53-4C6B-96A4-9811F8FE4559}
11.5	{479D8902-1E43-443D-BA30-174BA22B41DE}

Portal for ArcGIS

Portal for ArcGIS is an ArcGIS Enterprise software component that has a central role in organizing and sharing information in your organization. After installing Portal for ArcGIS, you configure a portal—the central hub of ArcGIS Enterprise where members access their organization to create maps, apps, and spatial data and share them with collaborators. The Portal for ArcGIS software component supports ArcGIS Enterprise administration from the portal, the portal REST API directories, or command line utilities.

Portal for ArcGIS uses the HTTP port 7080 and HTTPS port 7443 to communicate. By default, the portal enforces the use of HTTPS to encrypt communication; port 7080 is not used unless you change these settings to allow communication through HTTP as well. More details on the ports is available online at Ports used by Portal for ArcGIS.

For comprehensive information on the installation, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

- 64-bit operating system.
- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.
- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.7	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.7.1	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Note: Portal for ArcGIS is not supported on domain controllers. Installing Portal for ArcGIS on a domain controller may adversely affect functionality.

Feature Dependency None

Command Line Parameters The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\Portal	No	No	Default installation location
CONTENTDIR	%System Drive% \arcgisportal	No	No	This property allows you to specify the portal's content directory. The location you specify must be a local directory; you cannot choose a shared network directory. This is because the Portal for ArcGIS service is configured to run under the Windows native Local System account by default. The Local System account cannot access network locations.
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file

Parameter	Default Value	Case Sensitive	Required	Description
CONFIGPATH		Yes	No	Full path and name of Portal configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the Portal configuration file for configuring the Portal for ArcGIS account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the Portal configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available None

Localized Setups Setup is available in English only.

Transforms **Changing INSTALLDIR**

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyPortal\. The backslash must be included.

Uninstall

To uninstall Portal for ArcGIS silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{6A640642-4D74-4A2F-8350-92B6371378C5}
10.7.1	{7FDEEE00-6641-4E27-A54E-82ACCCE14D00}
10.8	{7D432555-69F9-4945-8EE7-FC4503A94D6A}
10.8.1	{0803DE56-BAE9-49F5-A120-BA249BD924E2}
10.9	{46FDB40E-6489-42CE-88D6-D35DFC5CABAF}
10.9.1	{B5C5195E-2446-45F9-B49E-CC0E1C358E7C}
11.0	{EB809599-C650-486A-85C6-D37618754AE4}
11.1	{BED48866-C615-4790-AD87-01F114C1A999}
11.2	{F03C23C1-1F2C-42D0-85C4-38F49B710035}
11.3	{6B72E29F-B27F-452E-8FCF-C2CFB9417891}
11.4	{CFB543E4-7FB7-4F9D-BD1F-483347B142DF}
11.5	{366A0EAF-7974-4EA3-9A43-74D76FB77C47}
12.0	{C898DDF9-D6BE-45DF-9A10-3263660BB39F}
12.1	{B089C99B-8570-40E1-88C0-EF86CA36E536}

Portal for ArcGIS Help Language Pack

The English help documentation is installed as part of the Portal for ArcGIS setup. To view the help in a language other than English, you need to download and install the Portal for ArcGIS Help Language Pack from My Esri.

There is only one Language Pack setup for Portal for ArcGIS. The Portal for ArcGIS Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu—Arabic, Chinese (Simplified Han), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, and Spanish. To change the shortcut language, uninstall the Portal for ArcGIS Help Language Pack, install it again, and choose another language.

If you run Setup.exe for Portal for ArcGIS, the Portal for ArcGIS Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

Portal for ArcGIS setup of same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	ar	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
Arabic	ar
Chinese (Simplified Han)	zh-CN
French	fr
German	de
Italian	it
Japanese	ja
Korean	ko
Polish	pl
Portuguese (Brazil)	pt-BR
Russian	ru
Spanish	es

Features Available None

Transforms

Changing INSTALLDIR

Portal for ArcGIS Help Language Pack installs to the Installation directory of Portal for ArcGIS. It is not possible to change this with a transform.

Uninstall To uninstall Portal for ArcGIS Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{4ACD2205-6A53-4FB1-B37C-5EEC31C679FF}
10.7.1	{CBE117AA-0692-4083-A3B5-ECF19EB1299A}
10.8	{7BC12334-1B66-4CE6-9793-7E241507FCC7}
10.8.1	{D58ADE27-213A-47E2-BE79-F0AE6B1EBCDE}
10.9	{0B86D49A-1D77-4122-A016-927F0191A5DE}
10.9.1	{01EF390E-FEB9-47BF-92FD-C8026A87F0D7}
11.0	{A31F39FB-A3A3-4D03-9B6A-D97C0E3DD104}
11.1	{6BA64192-A0FB-4D99-9B0F-4CF94EE096F8}
11.2	{DB57D773-617F-47E4-8ABB-2741C4A298D8}
11.3	{E6759CA3-2029-497A-9C99-1928A91DE544}
11.4	{F8A90AE2-C2CF-4179-9F74-FBA076CCDC98}
11.5	{AC299540-932A-4CB6-AF38-22CAFC09CE0B}
12.0	{F01B62F3-C1CB-435E-83BB-53C66C565146}
12.1	{2DE1AC09-9DC1-4433-B4A8-80141409E011}

Portal for ArcGIS Web Styles

Portal for ArcGIS Web Style provides the complete set of 3D symbology for use in ArcGIS Enterprise portal's Scene Viewer. Install Web Styles after all other ArcGIS Enterprise components have been installed. If your base deployment was installed using the ArcGIS Enterprise Builder, the setup is already included.

For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

Portal for ArcGIS setup of same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

None

Features Available

None

Localized Setups

Setup is available in English only.

Transform

Changing INSTALLDIR

Portal for ArcGIS Web Style installs to the Installation directory of Portal for ArcGIS. It is not possible to change this with a transform.

Uninstall

To uninstall Portal for ArcGIS Web Styles silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7.1	{B2E42A8D-1EE9-4610-9932-D0FCFD06D2AF}
10.8	{EF31CB36-2EB4-4FD3-A451-AC12FD22A582}
10.8.1	{7748EA55-04FF-45E2-98EC-C78095AC25AA}
10.9	{0A229482-5C33-4E93-AB5B-614ED0CAFBE7}
10.9.1	{2E63599E-08C2-4401-8FD7-95AAA64EA087}
11.0	{CCA0635D-E306-4C42-AB81-F4032D731397}
11.1	{67EDD399-CBD8-48C8-8B72-D79FBBBD79B2}
11.2	{0508DE8B-B6B2-42AD-B955-77451C3ACB60}
11.3	{A477F9A0-A5E5-4BBF-8042-8503DE8AAEC5}
11.4	{2C941605-135F-4501-AD91-21ECA70977ED}
11.5	{58668668-FCF9-400D-B3DF-24A3E0417C00}
12.0	{A31A5861-3957-46E3-9166-56D297C0309E}
12.1	{44120188-FA74-4E39-8691-68C7C4C9A25C}

ArcGIS GeoBIM

ArcGIS GeoBIM is a solution for exploring building information modeling (BIM) models, engineering documents, and project issues in a geographic context to analyze designs, site characteristics, risks, costs, and timelines. ArcGIS GeoBIM allows you to integrate and visualize GIS data with engineering documents and issues from Autodesk Forma (formerly Autodesk Construction Cloud) to make coordinated and collaborative decisions across project teams.

For comprehensive information on the installation, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency Portal for ArcGIS setup of same version must be installed on the machine.

Feature Dependency None

Command Line Parameters None

Features Available None

Localized Setups Setup is available in English only.

Transform **Changing INSTALLDIR**

ArcGIS GeoBIM installs to the Installation directory of Portal for ArcGIS. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS GeoBIM silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
12.0	{653E7C43-8F32-4477-8EA7-88FA28DB1248}
12.1	{A5DF613A-6442-44BB-B2D3-360565133E68}

ArcGIS Data Store

ArcGIS Data Store is an application that configures and manages data storage for the hosting server used with ArcGIS Enterprise deployments on Linux and Microsoft Windows. ArcGIS Data Store provides you with a setup and configuration experience that creates the following types of data stores: relational, tile cache, spatiotemporal, graph, and object.

The machines participating in an ArcGIS Data Store deployment communicate with one another through port 2443 (HTTPS). Port 6443 (HTTPS) is used for outbound requests to the hosting ArcGIS Server site. Port 9006 (TCP) is used internally to communicate with a web server. This port does not have to be opened in the firewall, but it does need to be free on the machines where ArcGIS Data Store is installed. More details on the ports is available online at Ports used by ArcGIS Data Store.

For comprehensive information on the installation, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Modify the firewall of the data store computer to allow communication on ports 2443 and 9876. If the firewall on the data store computer blocks communication through these ports, ArcGIS Server will not be able to connect to the data store.

Setup Dependency

- 64-bit operating system.
- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.
- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.7	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.7.1	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Note: ArcGIS Data Store is not supported on domain controllers. Installing ArcGIS Data Store on a domain controller may adversely affect functionality.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

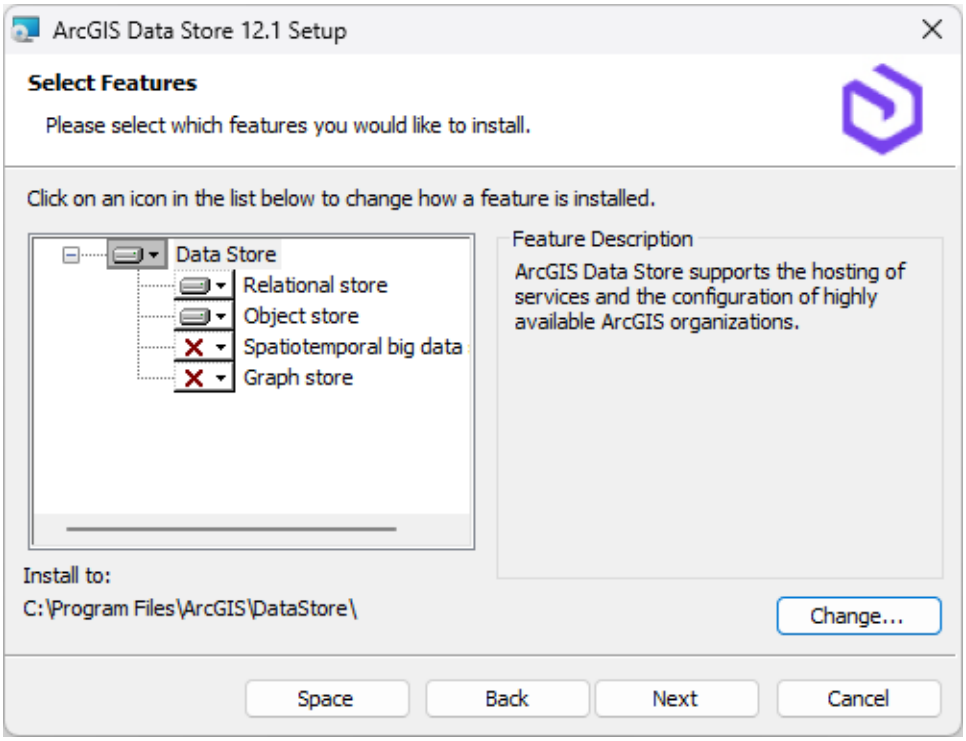
Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\DataStore	No	No	Default installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified

Parameter	Default Value	Case Sensitive	Required	Description
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file
CONFIGPATH		Yes	No	Full path and name of configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the configuration file for configuring the account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.

Parameter	Default Value	Case Sensitive	Required	Description
	No			The software will not install if you specify NO or omit this property.

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.



Feature	Feature Parent	Title	Description
DataStore		Data Store	ArcGIS Data Store supports the hosting of services and the configuration of highly available ArcGIS organizations.
relational	DataStore	Relational store	Stores the organization's hosted feature layer data, including hosted feature layers created as output from feature analysis tools. An empty data store uses up to 2.5 GB of disk space over time.
spatiotemporal	DataStore	Spatiotemporal big data store	Stores features from ArcGIS GeoEvent Server, GeoAnalytics Tools, and locations from ArcGIS apps. When empty, it uses 200 MB of disk space.

graph	DataStore	Graph store	Stores knowledge graphs for the portal's federated ArcGIS Knowledge Server site. An empty data store uses an additional 100 MB of disk space.
object	DataStore	Object store	Stores caches of query responses for layers in hosted feature layers. Caching query responses can improve drawing performance for the layer.

Note: Versions before 11.0 do not have features.

Creating Data Store

You can use the ArcGIS Data Store Configuration wizard to create a data store and join it to your ArcGIS Server site.

Alternatively, if you do not have access to a web browser, run the configuredatastore utility on the machine where you installed ArcGIS Data Store.

The utility is installed in <ArcGIS Data Store installation directory>/tools.

Open a command prompt using the Run as Administrator option. Run the configuredatastore.bat file and specify the ArcGIS Server URL with which you want to register the data store, the user name and password of an ArcGIS Server administrator, the path to use for the ArcGIS Data Store data directory, and the type of data store to create.

In this example, the name of a machine in the GIS Server site is myserver.example.com, the administrator username and password are siteadmin and T1n@sp, respectively, the data directory is C:\data\, and a relational data store is created

```
configuredatastore myserver.example.com siteadmin T1n@sp c:\data\ --stores relational
```

The primary data store machine is created and registered with your ArcGIS Server site.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyDataStore\. The backslash must be included.

Uninstall

Uninstalling ArcGIS Data Store also unregisters the data store from your ArcGIS Server site. Hosted feature layers that used the data in the data store will no longer function once you uninstall the software. However, the data still exists because the data store directory remains on the server after you uninstall ArcGIS Data Store. If you later decide you need the feature layers, you can register the data store with the same ArcGIS Server site.

To uninstall ArcGIS Data Store silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{2B19AB45-1A17-45CD-8001-0608E8D72447}
10.7.1	{112E5FD0-9DD2-45DA-ACD5-A21AA45F67E2}
10.8	{2018A7D8-CBE8-4BCF-AF0E-C9AAFB4C9B6D}
10.8.1	{45E1C306-B1AB-4AE5-8435-818F0F9F8821}
10.9	{7A7D3A39-DBC0-48E8-B2C2-3466A84FE89E}
10.9.1	{30BB3697-7815-406B-8F0C-EAAFB723AA97}
11.0	{ABCEFF81-861D-482A-A20E-8542814C03BD}
11.1	{391B3A39-0951-43E3-991D-82C82CA6E4A4}
11.2	{A02634B0-03FD-4DF3-A5C6-BACBE5DF3979}
11.3	{E4FC0BED-0F94-49D4-9AF5-BBA64AED3787}
11.4	{4AC2C588-DFDC-449E-8DFF-3701C3C3824A}
11.5	{622B3833-6239-4857-96D5-4294D1E85F94}
12.0	{E62C9D19-53FE-45C2-B9C5-C86C7C703B8F}
12.1	{0D10FFF3-8380-4E15-952E-DC031EB3940D}

ArcGIS Data Store Help Language Pack

The English help documentation is installed as part of the ArcGIS Data Store setup. To view the help in a language other than English, you need to download and install the ArcGIS Data Store Language Pack from My Esri.

There is only one Language Pack setup for ArcGIS Data Store. The ArcGIS Data Store Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the languages specified in the drop-down menu—Chinese (Simplified Han), French, German, Japanese, Russian, and Spanish. To change the shortcut language, uninstall the ArcGIS Data Store Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Data Store, the ArcGIS Data Store Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

ArcGIS Data Store setup of same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	zh-CN	Yes	No	Shortcut Language—The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
Chinese (Simplified Han)	zh-CN
French	fr
German	de
Japanese	ja
Russian	ru
Spanish	es

Features Available None

Transforms **Changing INSTALLDIR**

ArcGIS Data Store Help Language Pack installs to the Installation directory of ArcGIS Data Store. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS Data Store Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{A0276F42-FDD2-4141-899E-D4B6BAE1FBB0}
10.7.1	{492E3190-854B-43C7-90CF-31C0F6E67991}
10.8	{677262FB-4511-4305-A2FB-3C52D5BC33E6}
10.8.1	{E47E4438-1BD8-49CD-8E41-871CC4165FF9}
10.9	{41BA0B83-CD36-4972-B2A1-52E381ACDDB2}
10.9.1	{E94B1B29-4684-4B75-9DF4-ABBD9D90CC10}
11.0	{E3D4651B-6A70-4243-9324-DA4DB1CDA3EE}
11.1	{F6843C22-60FE-49B3-8E9E-089C46A02C9B}
11.2	{A02634B0-03FD-4DF3-A5C6-BACBE5DF3979}
11.3	{B0BDA8A8-9483-49B0-9ADB-48F91512D35C}
11.4	{CA90BB23-A3B9-4B65-9F2E-ECB87C12E516}
11.5	{D0B75CC3-B294-412C-9B4A-96D725C18E48}
12.0	{030E21EF-9F0A-4A15-A448-7642D3061B91}
12.1	{85DEF17C-ECA1-4EDB-8026-5B0D1D8B7C56}

ArcGIS Web Adaptor (IIS) 12.1

For comprehensive information on the installation of ArcGIS Web Adaptor (IIS) 12.1, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

ArcGIS Web Adaptor (IIS) allows you to integrate your existing IIS web server with ArcGIS Server and Portal for ArcGIS. You can use Web Adaptor solely with ArcGIS Server or Portal for ArcGIS, or you can configure Web Adaptor to work with both.

Web Adaptor can be used in various ArcGIS Server site configurations. For example, in a site with a single ArcGIS server, you can install Web Adaptor on the same machine as the ArcGIS server or offload it to a dedicated web server. In a multiple-machine deployment, you can have one entry point into your site by installing Web Adaptor on a single web server, or you can establish redundancy at the web server tier by installing Web Adaptor on multiple web servers.

If you have configured multiple Web Adaptor instances on a single web server, you can use different version numbers for all those instances. In version 10.2 and earlier, all Web Adaptor instances on a single web server were required to use the same version number; running the setup upgraded all existing Web Adaptor instances to the latest version.

Web Adaptor is a platform independent from ArcGIS Server; therefore, the Web Adaptor instance you deploy does not have to match the operating system platform of your ArcGIS Server site. For example, if you have a site composed of Linux machines, you can deploy ArcGIS Web Adaptor (IIS) to work with ArcGIS Server.

The version of ArcGIS Web Adaptor must always match the version of ArcGIS Server you are using.

Each Web Adaptor instance must have its own unique name; you cannot have two Web Adaptor instances with the same name on a single web server. If a naming conflict is detected during the installation, a warning message is displayed. You need to uninstall the earlier version with the same name to resolve the conflict. Alternatively, you can change the name of one Web Adaptor instance to proceed with the installation.

Setup Dependency

If the following system requirements and products are not detected on the machine, the setup will not proceed:

- 64-bit operating system
- Microsoft .NET

Version	Setup dependency
10.7	Microsoft .NET Framework 4.5.2
10.7.1	Microsoft .NET Framework 4.5.2
10.8	Microsoft .NET Framework 4.5.2
10.8.1	Microsoft .NET Framework 4.5.2
10.9	Microsoft .NET Framework 4.5.2
10.9.1	Microsoft .NET Framework 4.5.2

Version	Setup dependency
11.0	Microsoft Web Deploy 3.6
	ASP.NET Core Runtime - Windows Hosting Bundle 6.x
11.1	Microsoft Web Deploy 3.6
	ASP.NET Core Runtime - Windows Hosting Bundle 6.x
11.2	Microsoft Web Deploy 3.6
	ASP.NET Core Runtime - Windows Hosting Bundle 6.x
11.3	Microsoft Web Deploy 3.6
	ASP.NET Core Runtime - Windows Hosting Bundle 8.x
11.4	Microsoft Web Deploy 4.0
	ASP.NET Core Runtime - Windows Hosting Bundle 8.x
11.5	Microsoft Web Deploy 4.0
	ASP.NET Core Runtime - Windows Hosting Bundle 8.x
12.0	Microsoft Web Deploy 4.0
	ASP.NET Core Runtime - Windows Hosting Bundle 8.x
12.1	Microsoft Web Deploy 4.0
	ASP.NET Core Runtime - Windows Hosting Bundle 10.x

- Internet Information Services (IIS) and specific IIS components enabled

  If setup.exe is used to do a GUI installation of ArcGIS Web Adaptor (IIS), the missing components are installed automatically. If setup.exe is used to deploy ArcGIS Web Adaptor (IIS) using SCCM/SMS and IIS components are missing, the IIS Requirements verification dialog box, which installs the required IIS components, will pop up on the client machine. Users will have to click the I agree button to let the setup proceed. Installation using setup.msi, whether silent or GUI, will not proceed until the missing IIS components are installed.

  If you are going to perform a silent installation of ArcGIS Web Adaptor, all required IIS components must be enabled manually. The ArcGIS Web Adaptor setup will not automatically enable missing IIS components when you are performing a silent installation.

  Required IIS components

  - Web Server
    - Common HTTP Features
      - Default Document
      - Static Content
    - Security
      - Request Filtering
      - Windows Authentication

- Application Development
  - ISAPI Extensions
  - ISAPI Filters
  - WebSocket Protocol
- Management Tools
  - IIS Management Console

Note: Windows 11 is supported for basic testing and application development use only. They are not recommended for deployment in a production environment.

Feature Dependency

None

Product Conflict

ArcGIS Web Adaptor (IIS) can be installed even if any other Esri product from a previous version is installed on the client machine.

Command Line Parameters

The following properties can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
WEBSITE_ID	1	Yes	No	Numeric value of website. This is used to determine the website where the ArcGIS Web Adaptor instance will be created. The value for WEBSITE_ID is a number specific to each website on your server and assigned by IIS. The IDs for the websites on your server can be found in IIS Manager. The default website has an ID of 1. By default, the WEBSITE_ID parameter is set to the default website (even if multiple websites exist).
VDIRNAME	arcgis	Yes	No	Name of ArcGIS Web Adaptor web application. The instance name cannot contain spaces.
PORT		Yes	No	If the website has multiple ports, use the PORT parameter to install to the specified port of the WEBSITE_ID.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

To install ArcGIS Web Adaptor (IIS) silently, use the following:

```
<path to ArcGIS Web Adaptor (IIS) setup download>\Setup.exe /qb VDIRNAME=arcgis_1
WEBSITE_ID=4059640
```

Installing Multiple Instances

Multiple instances of ArcGIS Web Adaptor (IIS) can be installed on the same machine at the same time. Each instance must have a unique website and instance name combination. The command line for Setup.exe and setup.msi is different.

For the setup.msi command line, first extract the .mst from setup.msi using MsiDb.Exe and use the following:

```
msiexec /I setup.msi /qb WEBSITE_ID=1 VDIRNAME=arcgis_1 MSINEWINSTANCE=1
TRANSFORMS=:InstanceID1.mst
```

INSTANCEID goes from 1 to 50 for all 50 transforms. ArcGIS Web Adaptor (IIS) 11.1 and earlier install 20 instances.

For the Setup.exe command line, use the following:

```
Setup.exe WEBSITE_ID=2 VDIRNAME=arcgis_1
```

Features Available

None

Upgrade

Staring with version 10.2.1, ArcGIS Web Adaptor can be installed side by side with other versions of ArcGIS Web Adaptor so to upgrade an earlier version of ArcGIS Web Adaptor to current version, you need to uninstall the earlier version and install the current version setup. During the installation, you will specify the same name as your earlier Web Adaptor version. This guarantees your Web Adaptor URL will remain identical to the earlier version.

If a naming conflict is detected during the installation, a warning message will appear. You will need to uninstall the earlier version with the same name to perform the upgrade.

After installing, you need to configure ArcGIS Web Adaptor with its corresponding ArcGIS Server site.

At 10.2 and earlier versions, running the setup upgraded all existing Web Adaptor instances to the latest version.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

ArcGIS Web Adaptor (IIS) installs to the home directory of IIS. It is not possible to change this with a transform.

Uninstall

To uninstall ArcGIS Web Adaptor, follow the steps in the sections below.

1. Unregister Web Adaptor.

   First, you will need to unregister Web Adaptor with your site using ArcGIS Server Manager. To do so, follow the steps below:

   a. Open Manager and log in as a user who has administrative access to ArcGIS Server. If you need help with this step, see Logging in to Manager.

b. Click Site > Web Adaptor.

c. Click Unregister Web Adaptor.

d. In the Unregister Web Adaptor dialog box, click Yes.

Note: The unregistering functionality is only available starting at ArcGIS 10.1 SP1 for Server and is required beginning at 10.1 SP1. If your ArcGIS Server and Web Adaptor product versions are out of sync, you will need to make sure the components are upgraded to the same product version before proceeding.

2. Uninstall Web Adaptor.

To uninstall ArcGIS Web Adaptor (IIS) silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Web Adaptor IIS Version	Product Code
10.1	{11CCA428-4679-4D79-ADC0-A13F43290ACF}
10.1 SP1	{0EAADB27-2BD7-4ED5-92E2-532F775BCCED}
10.2	{1803FE22-6164-4DC4-B14E-EBD4148A8429}
10.2.1	{18C45289-5BB0-448E-813D-34D31DF68104}
10.2.2	{5D50CC1F-63E9-400E-A62C-EEAD948618EC}
10.3	{B52143C3-3085-4976-9795-ED134AEA0099}
10.3.1	{10A57135-2051-41AE-B2D3-0B10470CDB9B}
10.4	{B83D9E06-B57C-4B26-BF7A-004BE10AB2D5}
10.4.1	{F53FEE2B-54DD-4A6F-8545-6865F4FBF6DC}
10.5	{87B4BD93-A5E5-469E-9224-8A289C6B2F10}
10.5.1	{0A9DA130-E764-485F-8C1A-AD78B04AA7A4}
10.6	{4FB9D475-9A23-478D-B9F7-05EBA2073FC7}
10.6.1	{1B4E7470-72F4-4169-92B9-EF1BDF8AE4AF}
10.7	{F343B520-F769-4D93-86D2-663168AC6975}
10.7.1	{5ECEF84F-592C-47D1-B7C5-9F3D7E2AB7CE}
10.8	{D6059C27-7199-4A94-806B-6C40EFD02828}
10.8.1	{9695EF78-A2A8-4383-AFBF-627C55FE31DC}
10.9	{1FD4759C-6858-42AD-A1DC-6DA0C3B1D28C}
10.9.1	{BC399DA9-62A6-4978-9B75-32F46D3737F7}
11.0	{FCC01D4A-1159-41FC-BDB4-4B4E05B3436F}
11.1	{E2F2DE02-86AC-42EE-B90D-544206717C9E}
11.2	{3F2DF3A0-0EB7-4DED-BA7F-A33B7B106252}
11.3	{6D1FDF29-5DAB-4816-9CDE-15CF663E3BDD}
11.4	{A1EEF9DE-E054-461A-BAB8-EE7FF8C8C6E6}
11.5	{B87FD5D1-7ED0-424B-8A79-CE4B231CF085}
12.0	{BB194DE8-F519-4660-837F-B6AAA3650DEB}
12.1	{3EBF5B44-4B62-4E7D-ADF8-2F1BE4419867}

To uninstall additional instances of ArcGIS Web Adaptor silently, run this command from the command line.

```
msiexec /x <ProductCode of Instance> /qb
```

Product codes for Web Adaptor (IIS) instances are listed below. The product codes are also listed in the setup.ini file in the setup folder. The product codes are listed in the same order as the Web Adaptor instances installed on your system; for example, the first Web Adaptor instance created is the first product code listed below:

ArcGIS Web Adaptor (IIS) 12.1 instance product codes

```
{10E702C4-5461-45C2-9BF7-0E4861D4CB15}
{CFEF5F3A-9B91-4124-8863-C724282F3DD1}
{37E9E565-596E-4C47-8319-A57E404988A0}
{6F91314C-BC9A-4AF9-94B7-1F12FB68BB09}
{B978AEF5-56CC-4D75-A8A5-72369B307F0C}
{4B83513E-4505-436C-A0ED-6AAAE100CEB6}
{2A880BAB-A224-4EDC-A575-713C89FFE307}
{7B13AAB0-EA92-43B7-B911-143C020946C0}
{909A3A6D-E97B-4C18-9E28-4BC670868EB4}
{53ED8318-CBCB-4E58-8BD4-757DF2F72514}
{2A394041-E353-478A-9C95-427537B383BF}
{53DB779D-9705-4C83-A09B-E047171BC780}
{F8252420-C71B-476D-B190-E291159087FB}
{C334CDA9-D6E6-4E10-BFD9-D3E69D815F20}
{E6BE03C5-E4C9-4E4D-B1D1-481FBF0DE00D}
{73C3EA6E-07E6-484C-8B37-9999498F2E6D}
{3782A1E6-DADF-4629-A8C1-897D0D7C4D2C}
{3CC697B6-50CD-4DB0-A775-91A50E601ABE}
{51262449-468F-4F31-AE23-58CFA276BCF6}
{18F949CD-2887-482D-BE7F-11E0797AFB1F}
{D917129E-84D7-4965-8C1C-6647FC3C390D}
{6DC057CC-279C-4B2D-83A2-C6A882D5FC7E}
{BAF5DFA6-930F-4726-B9F2-41E2D8BDA98F}
{A54A42A1-3DF1-49FC-809B-A3CFB97C563C}
{08869055-8E45-47D1-BE1A-E0E7EE21D139}
{9A6D4A47-09D6-43E3-A66E-397599052291}
{88EF3E0B-744A-4D12-AA78-51C97A785B25}
{B8EBCC18-FDD7-454B-A1A2-DC1BA36C1D72}
{DC686101-411F-424D-BBBA-63ADED7880AE}
{3FFA65CF-5696-4726-9F68-F8CF4B616434}
{B2E56531-2941-4614-AD12-91F0B2DD07FB}
{181C90B1-BDDD-4DA3-BD45-5D8BC3603D41}
{95A27070-2B74-4DE6-9A1D-C02FB0AB2D49}
{264541CF-FDAF-410C-9D64-0E745A2CBF30}
{448D6332-B41F-4A9D-852B-484FFE5875EC}
{B9EC1A0B-E377-4EE5-99F5-2B93E13A6D9F}
{7060272F-2AEB-4569-9E90-2DAD0D3C520B}
{B2594ED6-2F00-4DB0-932B-D04D422DAF36}
{71ECBE5D-7995-48DE-833A-2E05535550F8}
{0E70B283-6622-4E05-889C-6952678CBDDE}
{799C961D-A5FF-4F8F-AABE-27F654D13339}
```

```
{5DDEEFB0-0C4C-483D-8AD3-0425981D4B97}
{4C4C8FA0-1DDA-4E17-8A8E-6B4D3E12BED7}
{DFE77477-1106-4784-91C3-7DA5436CC8B3}
{A73584A8-8AF4-4C5A-A3B9-4CACCCF0E5ED}
{C58E3698-6DF3-419C-A1D6-0F9A90114805}
{2E7F4E14-11A2-4963-A24D-949107B404C2}
{5C560E1E-6266-41F8-B76F-B1296A48815F}
{E664E225-7F7D-4B03-9218-0F64AFD57E95}
{B0E93D95-F062-40F5-8863-0FA4863C0033}
{852703F7-78E1-4F00-BCC0-FF98D8A39E7B}
{01B6CA84-23DF-47BD-8093-7536AC0C9776}
```

ArcGIS Web Adaptor (IIS) 12.0 instance product codes

```
{2F6059F3-08E0-45D6-B75E-D99A26F46923}
{7C748A51-F096-4886-B7DB-A8F1D09AF36B}
{A6571CB2-ED32-4406-99DE-1115CC67A159}
{532FC0CE-63C1-4AC0-823E-C11DEBCB014D}
{135DE6D2-F950-4502-8A3F-207590E63385}
{A7B6D59B-E59C-4799-9793-1E062FE57C4C}
{4C04F842-BF8B-4789-8FDC-092767AC09A7}
{49530C4D-F9E1-4AB1-9386-0ADA92BBE99B}
{1FF4D167-C240-48BC-961A-F819EB364283}
{AE371E47-D666-41D7-ABD2-06304FAC2CE1}
{CC85E3D7-FBEB-417A-B94B-83721721144D}
{319AFA39-5272-4944-A4DA-FACFB484737B}
{1B923CCF-53C3-49BF-99D0-B8A0D4AFF648}
{B023628D-AC80-425B-A052-BCD26AD5A547}
{3650EF99-D4A5-4A8F-AA28-09935A66EBFA}
{0033A180-F240-422A-B1A7-9F4FEDD8B20E}
{FF312ADC-BDEB-4AF7-9B27-CE849400D4CB}
{FF480938-7A92-438E-B634-E46B747FA4AA}
{D965B597-02B4-4BAD-B7B5-2C8780BEDCAC}
{C259A6BB-BF51-4793-A77B-359B5A9D274E}
{B0868301-627D-4A6B-A301-5C9FC120418E}
{578A334A-F1D4-4846-B6FE-9B6087FC4DC1}
{8E07BB12-EC11-4477-AC15-EB93A39AA736}
{25689A35-9378-4A80-B5C9-CB5723732D0F}
{6F484488-A8EA-4483-9700-EA173C86DE5F}
{F89A57CE-6340-4549-8893-85B86A3315C9}
{01BB8344-7A5D-4204-B046-B8FC5B1EB1AF}
{C829C6CE-2239-4B9F-97ED-8B93CE13006E}
{B294CD04-C562-4C42-A3D0-A3F353F58352}
{B0D9C28E-26A2-4362-9FE3-1504BF92C204}
{C3FE2DBA-83B6-40B4-954E-4733FF7F4C0C}
{07F81319-C8A9-4A73-87FE-6C3FFEEE187A}
{4CC28D62-8260-4537-9E6D-578432579EA6}
{11517C11-A569-42DF-A109-35ED8A383215}
{8501FB6A-2543-4857-8C68-F59EB83A5F14}
{09542E0F-0313-4249-9970-7CEB90902D2A}
{095279E6-82B0-4915-93C1-B0B3F7491BB5}
{B698BDD0-DC3E-41B0-B1D5-566B522EDD4F}
```

```
{DCE0A9CB-20E5-46F7-8A89-DA9DAC1658EF}
{1AF687D6-A15F-4AC1-A5B8-202BEF43AA92}
{D38DC6CD-7D57-477E-B5B4-CB3A704654C8}
{0CCFF04D-8F0A-45FC-B326-A6A3D2E828B0}
{BF863CEF-1BE9-40F6-976B-680D502F9C0F}
{9BC57233-80DA-4EAD-96D1-ED07FDCD602B}
{C68E9488-FD2B-426D-B431-48EACEF2D8CE}
{58EB33C9-5156-406D-81EE-B9B20603FEAA}
{4D4A68E7-56E0-43E0-94DF-B18CBAB9E205}
{4350A88A-9027-40C1-91CA-0D9235BE4042}
{1F78C428-AC73-4858-A4D2-FCEB3123F156}
{B2E5F1AB-51EB-492D-BF61-A43002F7F8D2}
```

ArcGIS Web Adaptor (IIS) 11.5 instance product codes

```
{A944DC16-D9B0-4FEC-AAFB-9CC9D5D45414}
{CACEC5F2-E484-40E5-BC3E-D82A19554E40}
{EC659D96-A962-4F04-AF02-42CDD3CC8C6A}
{7D357A92-E949-4322-95D5-6EB58640C078}
{4782E831-37C1-4B83-B975-9D0E0F373135}
{CC3694A7-F3EC-4358-9F06-DD1D2EBC4B1D}
{BD0A6A4E-4B75-48E9-8ABF-9774E7960CAB}
{43E50FE3-F1E4-416C-924D-9604296C2090}
{276501DB-F08D-4489-BF02-D12430E7BB5C}
{BE613B94-61AF-4B48-A0CA-DDCB134CE9CA}
{F3D1F822-9CE3-46CE-8ACA-8CFD737F6604}
{155FF541-DB93-49F4-BB01-B5495F707807}
{5A969923-9741-4FA9-81AB-13B776DFF16E}
{BFBAA84A-008F-493F-B6D3-EC12AD4C57BD}
{72A84420-32D8-462F-968B-92F25B02D73C}
{F048814A-3140-461F-A399-13F234344AF0}
{ADD92D5D-540E-4532-AB53-DA19D76FFBE2}
{E594184E-A395-49AB-860F-6EA29C50423F}
{F2C56B3D-BA68-413F-9916-C2CDCEDD9C7E}
{7ADDF6BE-4277-4814-A31C-DF36D0ADE5E3}
{362763DC-B9B5-46E8-80AB-17C082646B2A}
{A3B15EFA-172D-40EF-B5B9-382777992697}
{83C7DEB5C160-4520-9F45-1B2C1A55B5C0}
{A0B36D8D-9551-4EDA-974E-9ED1CEC5151A}
{AAD36199-6837-4865-8692-02BA825874B7}
{DD14E295-6798-407E-A5A0-870C8341577E}
{E25BD1CE-3A98-4833-B021-E5F1FB613F21}
{5118D9DB-543E-45EA-AE06-08A0A67143A1}
{DCBFF94C-763C-4F36-A10C-2AFD9A335334}
{DD063BF3-0D8E-4E58-B295-C48827E13893}
{59062D7E-E4E7-4567-9634-4E51F42D6BCA}
{C26ABB80-29AF-4328-834E-A3C0ECF298B4}
{0654FE83-95A5-481E-B5B2-61A3FEDFA5C4}
{77EE6E4F-5A1D-4DBB-9688-027DA4DF3BAB}
{2558441D-97F6-419A-9AF9-A0F4D56C1AC4}
{468A6A59-C347-4B59-952F-697390488CE3}
{003BAC29-91FE-4185-A90B-945F82847E67}
```

```
{817458AC-05F3-4A68-AD26-A6E894EAECD5}
{5C2E1A0C-B17C-4CA0-B230-4934C4AD11CF}
{CE3DAA74-A08E-46B1-B963-8552A486F9C2}
{2EBA8AD2-0DA0-4143-B878-9FD1303635A3}
{CD758D69-D265-4053-A62F-AF4525F61BD5}
{709E6312-B1F0-48A6-8347-5186CDF5AD07}
{2CB5A7D6-51DA-4CD1-ADF9-4F7036E8D36B}
{9A94211B-33E6-4311-9B0D-3CD1BBCEE423}
{73E65AC0-BE55-4BDC-8586-9CC9634C692D}
{513D8FE8-4999-4D9C-98A4-03F9EBC5B50C}
{777F527D-2D43-4430-8E8F-A93B71FA1C4D}
{C74184F9-8D73-4F9A-8C47-187F28B9A92A}
{6FA4997E-158E-4A9B-A093-7473A259500E}
```

ArcGIS Web Adaptor (IIS) 11.4 instance product codes

```
{37A3BCC2-9A76-4D87-AC2A-993582ECF891}
{51D04E2F-9196-43DC-950E-173EED1290D4}
{5C9B7DA6-01DC-425E-BA94-427DDE199959}
{D7BDB359-3BCE-4153-A570-7948C6097FF4}
{6827D461-6440-4C74-9F83-7D7BF9F57F93}
{47AA6E11-0D24-47C1-99E6-9C0F4B318FFF}
{BC0F76E2-9583-4E66-8CA6-FD343F329B31}
{A99CDDFA-B1A0-4924-A659-61E4E1BBCB83}
{B00814E3-1EBC-41AC-A632-8D0494885AE2}
{BECA4DB4-7080-4504-96F9-861884FB3FBA}
{356E98BB-0E15-4FBD-9AAE-81FC15213B7F}
{51875907-8D8B-46B4-A694-519FDB8F9907}
{E85450CF-E7A9-4281-9C2A-3CC8CDA952A9}
{703152AA-069F-46AB-9080-404463A073E4}
{E514597B-CDE7-460D-9FD1-04B9B786DB23}
{0ED2A3FD-4B6B-4006-B10C-9F45F1D90CFC}
{75A1143F-82EC-42D1-9081-30901CF73614}
{D86A7B19-67FA-4EA3-86EE-A210F618B274}
{AF997D9E-270C-4CB9-88B5-EFF0FE3F930B}
{718DE748-4F62-4A16-862D-670564FF79ED}
{9AD6E83D-DC7B-47FD-AC52-3B3DD1FDA07D}
{000B3034-FA23-46E6-A5A5-FD13EB302F5F}
{C79C1A34-2364-4DCB-BA6B-BA6D22A919D9}
{2479729B-3FFA-41C3-A2C6-4D992782A243}
{C0FA8EE3-5230-400B-B80E-2F6950D606A4}
{66FD8F46-B3CF-4C1F-9B04-B5894FD41A75}
{C87ACC53-FC3D-4527-AB2C-D5FBB41A1F34}
{8976EB40-82E0-4583-A255-EEB30EC86161}
{743EDE64-11F6-46BF-85E7-A64ADE4CA7F0}
{7C841837-FDDE-493E-BCC1-2E8514AFE146}
{ABFAD895-1F0D-4D50-AFF2-DAD9303FA2A0}
{CBE7BA7E-0A46-4AEF-AC5D-E7A7C7986701}
{B61D5494-BD5F-4583-9564-AEA33C2DA6E3}
{C190AA6A-46A8-4068-840C-125FA21918BB}
{C5174467-893B-4D38-ABD9-1FA9CB2FB1AD}
{42C04A4F-7E12-4E37-8143-C8CDBD7E1DE4}
```

```
{22732FD0-C451-4284-B35A-D040B5A16FEC}
{46FA248B-A29F-42CA-AC41-201F675BD9F3}
{ACD97940-DA22-4761-8962-8E531EE0EC0A}
{98671F19-A3DC-4310-970A-E74C8950E3A5}
{478AABC4-FCD7-4956-9421-F2AE705245DF}
{E64B3CED-3FFE-4B21-AFD6-CBC400707329}
{15BAD677-D80E-48A6-84D9-ED1F1C002816}
{C630E05F-7208-447C-86CE-FEF27E2DDE1C}
{D721DFD5-9DF9-4F8A-BD45-D61E2D719F91}
{FCEF4ECC-D7A8-4192-8E47-7A22221A70D2}
{57244572-CDD1-4079-B5E7-526CB411109D}
{4A38BCCB-3CBB-47CC-BF03-F4B6178280E6}
{9608A7E2-D821-4CFF-A8EA-9D9C27A6585C}
{EB8847FE-9A77-4933-8D0E-874F0F7399C2}
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ArcGIS Web Adaptor (IIS) 11.3 instance product codes

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{9DA66832-790E-4A08-90D8-3305D2C4F2A2}
{E3DF9FCC-2078-4816-B195-EE30D1C74086}
{87C9FEB8-73A7-436A-861E-74C3A3D7805B}
{3D881639-2227-4E9E-9380-C55991C92D3F}
{7FB27776-2537-456E-BF4D-6E90B1050E16}
{013D126B-0E28-4070-B57D-1C7128511E09}
{F2D44D27-A3EB-4892-A260-7FF8D90AE3ED}
{AC6ECF31-E1D9-4A08-B7E2-9BF4EA138BFD}
{D2B275D6-F12D-4AB1-B0E3-7E72E42309F6}
{8AC70A2E-6E62-47C1-8DAE-63481CF7E570}
{1C94E9C9-8FE0-4647-B679-1C99721D8E5A}
{36E80F76-A84A-4C2E-9087-F6B6FC60B8F0}
{442DAF3B-289D-45AC-855D-CD1AF79AD046}
{2F5AE3DF-9918-4BB3-ADAC-D6A02681E8C5}
{B2775E94-5176-42F2-9161-C52EFD7BFFD5}
{614151D0-B8AE-4D85-83B3-70AFA3961E1A}
{C9DD2778-546E-4E27-AEC1-C51BCA198172}
{BF09767E-0CB7-4DAF-9ABE-400EE03CB9D6}
{72587C29-AB2F-42F4-AB8B-A54325CA7A71}
{1FA8B39E-07B5-4EAE-BABD-1B121131FEB2}
{CFE37EEE-9148-4A1D-904C-05EBD63345DA}
{2C774E47-A888-4F31-8425-781628500874}
{2F923C43-6CF5-44B7-A21F-AFDE607C417D}
{112A5C83-2207-4B94-9829-7433E8B82A7E}
{2EE1C0D5-4631-47B3-B77E-CA5062732BA4}
{0D125A07-D3FE-4388-870A-0CAC77280683}
{0155E162-901D-41DF-A260-AA8E6C833D9A}
{20F7ABC9-CC0F-47DD-B3FB-AA3D70140F1D}
{407A2E2C-F8D7-4900-9F68-442774F9DD9E}
{E86311FF-9990-48CD-A04C-B3404FA5B395}
{2CF5D03B-AD63-4BB4-A3C6-7FD1D595F810}
{8F2FCF64-7190-45B8-8DC4-4DAB5ED83425}
{8673E73F-83A3-4C29-8BAB-516394436BC0}
{6B41E749-D67F-4975-A858-7EEB32532C12}
{E953DD69-8BA7-4653-AFEE-622E42B77AE1}
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{457B6C44-9A92-4F31-A071-359E8F000A70}
{44FE2519-ABD7-4557-BD59-A1717928C539}
{0B7987AB-85E2-480C-B245-D4BECE95E8EB}
{D5985070-E78C-4B9A-8075-929EE77AC4B0}
{F5D192C7-104E-4524-9DE0-36B34216B999}
{65B4454A-4C0E-4DF0-BC32-18552466B306}
{8AE7199B-D50C-48AD-BB82-1C289443C4C1}
{0FDDEF60-6FA8-4DA7-9E05-A8CC4A1C1C9B}
{033430AD-8978-459F-8CDA-2FD49B67752B}
{85BD45E5-25CB-4FED-BBAE-2AA34286E556}
{E46DBEB4-628D-4DC6-BC13-32F42B6EF5F6}
{D976C4CB-B3B6-43C9-87E9-F27E2BE826AE}
{91869554-E02E-4AB1-956F-AC1B54AF2158}
{A88F3595-7DC9-455C-813D-66C6C687A9D1}
{44CAC131-3CA6-44A1-AFBD-3E083365D5F0}
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ArcGIS Web Adaptor (IIS) 11.2 instance product codes

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{CAB137C6-98F0-4569-9484-719632E81CF6}
{899B1E0C-4675-4E52-BFBC-4FFF69DBAF8E}
{4DE50EC3-6CB8-4EE5-B634-1AE53499F6D4}
{A0ABE60F-0E01-4D84-A08B-EE34EFF96584}
{066DEFEE-E71D-42F5-859E-225825268720}
{53A32CFB-A012-4546-9A7F-09E489442A0A}
{34AD67CC-2BA2-4EAA-B2A5-777036B0104E}
{08CF83CB-FC1E-4F7C-8960-96C7D8A0B733}
{D3803AB3-1C2F-4AD9-80EB-901685912599}
{6671DEEE-CEE8-4FBD-B2DC-430F268225AF}
{F92DED6B-B2B4-4E4F-A65B-ACE4973C0A9A}
{6EDAB5E0-FD24-4427-82BE-134DB0FF9D37}
{EFA6EC36-1A4B-481D-8A2E-C3B9098179F1}
{CB1CA2A3-D209-462D-947A-AE5DCAACDC54}
{D8D5A0CB-3F4F-4863-8EB2-6D24C0D0F093}
{AE62DBD4-44A1-4E67-BAAC-4A5B2AC8830E}
{8C323710-4026-4A8C-8DCF-5EFF6EE3F39B}
{3232DC1F-00C3-4247-B354-FA022F1504C0}
{3D0E95E1-BDA7-47BF-A967-3E889D3C79D9}
{151724F6-2228-4A46-B710-88A6BAFEDCB4}
{42093FF4-084C-4CFF-8771-9FACCFCCC885}
{B8B8D0E8-C909-4AF3-A6C3-57B65B33DBD5}
{EFC9E132-8203-4787-B656-35F6DAA8BA83}
{B66B0665-9A60-4A7D-968F-FFFEEF432D6A}
{659E9FFE-E066-477E-ACD2-24571B903DB8}
{9FE56745-E9B0-4A13-A8D3-CD5A6B24549B}
{33EDE71E-8D2C-4E1D-A9D8-7E7168DE378F}
{31437F3D-D518-4458-84F2-095496C2B070}
{8E3AABF7-06D2-41C9-B334-B7DA0D2BCEB6}
{A93BDC2A-0B66-4C2E-B3FD-084F129DA944}
{37657603-B344-434F-A199-CC2438DF6E66}
{62BEE4A7-9A48-497E-B135-1D6C8015EF0F}
{65CEF052-CA98-4256-9056-B0D773A101DF}
{3394AAA1-9432-4A9B-B611-A5A9D8B5F789}
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{337A03BB-344D-4E55-A6F1-009707E431A7}
{6D2B7A3A-B83A-4184-AD06-86124AB7C31E}
{2BE42936-94CF-4903-9C24-E2D250C4CF29}
{42DEFD61-19AB-4AEC-AB7F-53B6F8B5C5E5}
{0C55673B-E0F1-4934-9CA3-5F0518D1D05C}
{02BEB2CC-577D-4764-ADE7-FB5F26449246}
{AC39F197-B738-4E66-B7F2-F84E6F018673}
{2666B636-E834-4CF3-AF87-8CB0233C1E87}
{EEFABA33-7E3A-4E50-8829-7A4D2DEFF1C4}
{0E9F50F7-C3BE-47C0-AA6E-661F3166BD11}
{E248E952-E8F7-43B4-9BE5-5490305A0E21}
{C7663D45-3D02-43CA-ABA2-CF5888487A8B}
{EF41B351-9F40-413D-BE90-19B8C52A0E36}
{38575D5A-2C45-4E66-B008-E227C46BEB71}
{74ED54F0-9495-441F-9EB8-30047F3E0956}
{96F6657A-4295-42BD-8751-280AADBA3E84}
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ArcGIS Web Adaptor (IIS) 11.1 instance product codes

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{A4082192-FA68-4150-8EB7-ACCF12F634C4}
{7A467DB0-DE13-40A6-9213-7F336C28456E}
{4C3342AC-45D7-417A-8DFC-54604649A97C}
{8B8A2734-BEC8-476F-B99D-3E13C9F0BAA8}
{62FCD139-C853-4944-809C-967835510785}
{65E3E662-67D0-4608-A522-5C10C59CA2DC}
{614E9ADA-CE81-44DB-BB04-C2A0E02C6458}
{83F624D7-ED01-48A1-8E3A-6CEDD4CDEBF2}
{F2D7F6E9-DB46-4B39-994A-FCA32EA5CF15}
{4A6C5251-C1E3-4ADD-A442-773C110701E6}
{E09C05F7-8E85-4402-A1A8-C53B6926D0CD}
{5E664C01-5D5B-4CAA-A03F-145B69FFF6EA}
{DC9156D0-13CE-4981-B0EB-3C55B1997632}
{3A5F0EB2-B721-4E5F-9576-47F02A5F77F6}
{09AFD321-FD2A-4D22-AEEB-C858E0691386}
{B14810D6-F62D-4581-BBDB-80B739A504DB}
{8A2CE94A-6340-4AA4-AE83-62A4FA8C5AC2}
{90E8E4D4-DDE0-4743-AA83-CBDD1827F307}
{7C10E922-35BD-4A1B-87B0-6346AF5D1462}
{1EA1484D-962A-4923-9CD1-BC074031E25F}
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ArcGIS Web Adaptor (IIS) 11.0 instance product codes

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{920A1EFA-D4DC-4C6D-895A-93FDD1EDE394}
{258F0D35-985B-4104-BCC4-B8F9A4BB89B4}
{7B128234-C3D8-4274-917F-BC0BCE90887F}
{CD160BB2-3AA9-42CE-8BA0-4BFF906E81DE}
{BBBD3910-2CBB-4418-B5CE-FB349E1E74F0}
{594D4267-E702-4BA8-9DF4-DB91DCF94B3E}
{D2538F6E-E852-4BE0-9D20-61730D977410}
{BAB5BA8A-DE70-4F79-9926-D6849C218BF2}
{E37D4B50-05EC-4128-AC65-10E299693A3C}
{2BD1FC31-CFB0-488A-83B3-BEC066423FAA}
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{AA378242-0C2C-4CC2-9E33-B44E0F92577C}
{F00D0401-C60F-4AB1-BCF2-ADA00DF40AA9}
{5AE7F499-C7A3-4477-BBED-3D8B21FF6322}
{5147A262-75C3-4CAE-BCF0-09D9EBBF4A24}
{7D3F3C7C-A40D-42EC-BA38-E04E6B3CFA16}
{36305F97-388A-4427-AF76-C4BA8BC2A3DC}
{BB3F184D-C512-4544-8A7D-76A1F600AEC2}
{A4CEFD65-D3DF-4992-AC4A-2CED8894F0BF}
{36B75654-E4C2-4FF3-B9F7-0D202D1ECAC8}
{0E14FDF9-3D6C-48E4-B362-B248B61FC971}
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ArcGIS Web Adaptor (IIS) 10.9.1 instance product codes

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{F48C3ABF-AF5F-4326-9876-E748DB244DB7}
{AC4AD5BF-E0B4-4EE6-838E-93EE66D986EF}
{F96ECEFD-2015-4275-B15D-363F53407390}
{21B1638E-47E7-4147-B739-EB341F99986F}
{78ABEA6E-4832-4087-B7BB-04746D1E83E8}
{A624163D-A110-4959-BD82-98CB7CE6ECBE}
{7A6E0537-43A2-4925-8F8A-E19715B21392}
{4AE1AE3D-2471-4393-B0D9-ECB4D1368EB9}
{C72DE321-E19C-4737-9513-AE39B1A32953}
{49F98C43-955D-4BD8-A585-07BA45D72D0A}
{5DD68937-54F9-4015-A8DA-4602AFCA8986}
{D3C16E17-DAB1-4025-A029-46C7598DCA4A}
{A2CBD39F-C2DE-4983-9C70-7F108B52F402}
{CA174887-E7C6-4DE9-8797-72CBD7FC4B1C}
{B658575F-82ED-49BE-980C-D4A5089FCA7A}
{CBEE526A-29B6-46FE-B7F8-B930A785CFF8}
{76618450-9F2C-4FCC-9CDA-01A61F9E1953}
{17591EF3-221C-4DD1-B773-6C9617925B5F}
{566920BF-1EF3-4E62-B2BF-029475E35AAB}
{4A3B27C6-7CB1-4DE8-BCB1-221B9A23E2E1}
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ArcGIS Web Adaptor (IIS) 10.9 instance product codes

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{E3CBD7DB-60AE-45F3-B281-F9556781E602}
{D712233D-C35F-4A04-A7E8-6D3F00A40544}
{D5EBAE28-7A5C-41E7-A04F-A1AAFF75C8AC}
{2F798220-41AF-4D8D-B425-98095F3DC287}
{06B94095-F4F9-4434-8358-2E84965B6301}
{F2C06411-06A3-4617-8577-7975BD6CC32E}
{10C21BB5-7E8C-47F6-AB6E-AC62300EA034}
{B0D3E289-039D-470C-A9DC-1EB9713B2458}
{35838A3A-D572-4B2B-8C83-4F8A99324F92}
{CEEC063C-D280-490E-B795-373E7DE6266A}
{4CB4458D-C08A-4DE8-9D0B-45C4E0B849F9}
{83605278-1596-4C33-8484-CF2BD4C07587}
{A2AE04B5-879C-4E0A-B237-D642D8BBE3C7}
{38E1E357-BA81-4135-A11A-51FBC9C858DC}
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{947676E2-B5A6-49CB-A5AA-DFEB54D8F064}
{8E838EF7-0B7D-4E2A-AF21-4639AC6E5492}
{37913C5B-A6BA-4F1D-B12F-AD505B91D05A}
{1C9C9C3C-CE4D-4F42-8A3B-78ECA6C57B8E}
{0C000BEA-E770-4138-A707-CCB02E64469A}
{D5CEFB24-D0FD-4C73-8685-205222E08C12}
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ArcGIS Web Adaptor (IIS) 10.8.1 instance product codes

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{E77ED9CA-7DC8-45FC-A8BB-57AD2096EF8A}
{56F26E70-2C61-45BC-A624-E100175086F7}
{996B7BC1-3AF4-4633-AF5F-F7BE67448F51}
{0FB565D2-7C0E-4723-B086-C67443ADE5FD}
{246A7BFA-BE78-4031-A36D-F7BB95FFC5E2}
{7D3E447C-3DB7-488D-AB11-C84A02476FF5}
{1B5B7A25-F639-44F8-987B-6CD8F88967BE}
{4242D730-262E-45E0-8E1F-9060F03452C3}
{7CF4D730-F1D6-4D01-B750-D1BA7E55C3CC}
{179DB6A6-DFE4-4AF1-92D5-2FDDD831A783}
{0F67B656-1ED6-4C87-9DB3-DA51ABEE40C0}
{86F8D877-87EA-4296-9D48-64D7AE94330B}
{80FEB406-8086-42FE-B14B-C45A96B36894}
{5990ACD0-4A80-4115-BFAE-F8DEB498A7C0}
{12E78447-5AD7-41DB-82E5-BEDAAE7242C0}
{25A1ECD8-4FAA-4271-9586-6FD94549365D}
{221CCAE0-DA79-4C5E-ABCA-396E827334B1}
{508FBAA8-FD44-4998-B797-1666BD41D804}
{23EB5093-17EE-45A0-AE9F-C96B6456C15F}
{BEB8559D-6843-4EED-A2ED-7BA9325EF482}
{A12D63AE-3DE9-45A0-8799-F2BFF29A1665}
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ArcGIS Web Adaptor (IIS) 10.8 instance product codes

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{E77ED9CA-7DC8-45FC-A8BB-57AD2096EF8A}
{068CA630-558A-4C4A-983F-ECF5F8183FC9}
{F168EBD1-CEDA-469B-89E4-E79C85253CB6}
{96229607-EC9D-4805-AF94-E1AC47676586}
{D89375FD-6CAC-4204-8761-22F51B39E6A1}
{BABA485F-681E-4B5D-95EF-54CC738F4A0C}
{AEFE7DEE-1EEE-4F99-BCA7-2193B86C7058}
{FC4B3333-7AEB-46C6-AD90-E071A18D653F}
{119C0DB0-02B8-442C-B3F5-999D99C9D42F}
{89946E15-3E27-4F13-946F-30205F18D34B}
{5B21D9CD-DDC8-4768-88F6-3C0633E7B97E}
{C0752042-FAAC-4A94-B5A4-918BE46B7595}
{751ED05E-63BF-407C-9039-C72F33CC73D4}
{720EDDD5-B0FD-4E53-8F80-0F328EA8ABE0}
{5FBFC270-1AEE-4E41-B7A2-47F7C742EF95}
{A46D3ECC-39D2-459C-9BC3-1C780CA5BCF1}
{CAE80A6F-8046-47CE-B3F6-D2ACEDDDA99A}
{0B5C6775-B1D2-4D41-B233-FC2CDC913FEE}
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{278663A9-7CA3-40D5-84EA-CA7A9CABACB6}
{9452D085-0F4F-4869-B8B4-D660B4DD8692}
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ArcGIS Web Adaptor (IIS) 10.7.1 instance product codes

```
{5F1D01EA-296E-4226-A704-6A90E2916782}
{7368D3C8-F13B-4786-AE38-B51952F43867}
{2C838C64-DF81-4A64-8618-072AD30D51C1}
{D4054E1B-C75C-4F69-BBB7-DBE77250F345}
{C2C75F23-3E15-43E4-A902-673569F3F0DF}
{F633A04F-D08B-4EBF-B746-00ADA0334CE3}
{7D13D8C5-751F-44B1-BEAE-C9EB8E13FDF8}
{ACAA0479-B7C5-44A1-B5FD-34A018EA2137}
{E0343824-0C94-4A6C-96F7-AA5E1D8F8437}
{8D108926-DC71-493D-B2C9-8BAE04DD9047}
{A19DF635-25F0-4371-AC42-A4EECAF8BD75}
{78F54FC8-C530-4D7E-91CC-48B9BC364535}
{CEFB5C80-707B-471A-B8BF-5EC333F1A8B2}
{BE892BB6-842B-4A18-A0B7-E89C5AAAD1A3}
{A11006D2-3C1A-4D56-917D-4417D3341ADD}
{763E3951-E827-492B-8E86-F526F251083E}
{57C506AE-3BB7-4936-9154-7A2744735456}
{4E2BA3D3-EFD2-4FCE-91C0-1D15457F8F08}
{1BBB3C99-8EF5-4225-B5DD-799E50582BF7}
{F6E99E06-B303-4965-9566-2F21EE7FD130}
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ArcGIS Web Adaptor (IIS) 10.7 instance product codes

```
{58A76431-E1A9-4D11-BB89-0D12C6E77C78}
{E7B9D4A3-4E55-49F8-B34C-CA8745FFD894}
{D89709DB-8B6D-431A-95D4-FFEB69C474D5}
{858283F5-B9E9-4688-BF3C-BD3F3FD169D8}
{DE2BA579-D2F0-4068-9C52-8AC24022F13D}
{48405A7D-CFA4-4F6F-BB8C-B36A22E99B07}
{BEC99E10-7AB1-4B90-9C81-D2CBFCAD4239}
{C0C178B9-EBC6-46C5-B009-186661E9AEA3}
{0D5F9D8E-B221-4C74-87C3-13050F906A94}
{52EC0A7A-9BBA-4F47-9C52-2E1D1D09D9B4}
{6CF9C794-AEC2-45EF-A11A-83938F01A1E9}
{F36AF2F5-2E37-409B-9E71-D2D2B1D4A22F}
{4F54A93E-2F0F-4515-99AA-83BF88961D5F}
{A04ACEF7-4E22-4F4F-8608-9FD335572C6F}
{0D562427-2AB5-46C6-998E-4C33D642DE10}
{8C15E459-D24F-46E0-B945-CD4812A040AC}
{24821676-BD09-49CA-95B4-591BBE86118A}
{3C4D06FD-8194-4062-AB04-E87003CBE908}
{71044157-41F9-4AEC-B6B1-834FBA256135}
{C4ECCD46-EC43-4C44-8147-916649A2BA1B}
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ArcGIS Web Adaptor (IIS) 10.6.1 instance product codes

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{3FA8B44E-E0E3-4245-A662-6B81E1E75048}
{8D6EE2C0-A393-49CD-A048-1D9FD435D7B8}
{6C05375F-78A5-4DF7-A157-C2A6E0D7BAD2}
{1F1EEC9F-80D5-48DD-B8BC-EB3D0404D9AD}
{2CA5FC7F-1165-4870-9C16-004ACC848435}
{E23D8BB8-0FEB-4316-8E09-80772FD1B5E0}
{C67E73AB-8278-49C9-9CA8-A714E20B8124}
{E527C0BD-E026-46D8-9461-2A7EEFBDA35A}
{D5DF4279-E3FF-4261-AB85-93F8BDE90D8D}
{8D439456-493A-4B48-A542-492AABD9CF7D}
{D61CE1AE-2DB8-4D46-AC7F-3BEAB7C29A59}
{9B07A4CE-58C6-4689-B37B-EFF565712CF2}
{C97C2CEF-F939-496E-8CB7-8756856CBBC6}
{59079961-A0BA-48DD-9B07-45437FCBC42A}
{5372DAF1-7EB6-4822-843E-0B2F7A7B052B}
{D807F4E9-0F87-4B3C-8F93-456251226187}
{7BEB71AD-3958-41FB-8EC3-64DBE4775760}
{286D4CB5-777E-4AA1-B2EB-D6A3A4212107}
{37F3B528-915F-4528-949B-F199E4B3B4AA}
{6FEB4C76-14AC-4A70-BE45-6CBAED529CAF}
```

ArcGIS Web Adaptor (IIS) 10.6 instance product codes

```
{38DBD944-7F0E-48EB-9DCB-98A0567FB062}
{8214B9D8-49D9-43DB-8632-AE2BAD4B21E9}
{B3FD1FE3-4851-4657-9754-73876D4CB265}
{88CDE5E9-23B8-4077-9E69-9CD3715BE805}
{E7630CBC-96DE-4665-9C2A-D682CFFD5B0E}
{E2601F84-D2E5-4DD4-B0EC-6AED75CB77D9}
{75FB755F-AF36-484E-98A8-FADA56574D25}
{AA32D01D-27CD-4842-90CF-F22C1BD6309B}
{CF126207-4C89-44AA-8783-9BAA2BA5F106}
{9F8694BE-613F-4195-AA42-B849E84D059A}
{2C3BE00F-57BE-4D0B-81BC-3378D823CF0E}
{EAC54B65-D6BC-41DC-8C82-5E99D7FD4271}
{76C17CB6-106C-41F8-89BA-41C086E69238}
{4493EB64-CAE0-439F-8FA6-897677D5A6C8}
{0C59A27D-B4B6-4A23-8873-897B870F6E2B}
{B46B6E63-D8E1-4EA4-9A9B-D98DFAA6644D}
{89E6330E-6139-4F4B-BA9F-ACD59065230D}
{238E647E-53DF-4B8B-B436-ADA5004065DE}
{30EF8944-904A-45D3-96D4-7DF3B0FE01D5}
{06012CC0-5C12-4499-B5CC-99E9D547A2FD}
```

ArcGIS Web Adaptor (IIS) 10.5.1 instance product codes

```
{B8A6A873-ED78-47CE-A9B4-AB3192C47604}
{7DEAE915-5FAC-4534-853D-B4FC968DBDEB}
{AC10F3CF-A5C1-44B0-8271-27F26D323D14}
{5F748B0C-3FB6-42FF-A82D-C1573D3C1469}
```

```
{428DE39D-BF23-42B5-A70E-F5DD5DD21C2C}
{98B1DE9B-0ECF-4CAA-A29A-B89B2E8F38F1}
{4876508B-31CF-4328-BE11-FFF1B07A3923}
{D803A89F-4762-4EFD-8219-55F4C3047EDE}
{4A5F404B-391F-4D13-9EE4-5B9AC434FD5A}
{99FFFA13-2A40-4AA4-AAC1-9891F2515DB1}
{2B04DE60-3E79-4B44-9A93-40CAC72DE2FB}
{D595C9E2-BBA0-4708-A871-1166CD0CFB61}
{50825C57-5040-436D-B64C-A53FFB897E9D}
{5D750A11-BC80-45CE-B0DD-33BA8A5D8224}
{60390703-9077-4DDE-8BB1-A025AB0FE75B}
{BF75DC6C-F1A5-4A3C-A6A6-76BCB5DB5881}
{96B29B2F-888A-4C2B-B8C3-97E9A7849F2F}
{7FDD9158-2E93-4E12-A249-CD9D5445C527}
{A868CBAC-D9A2-41A7-8A5B-069AB63FEC7B}
{83462AE4-27BB-4B63-9E3E-F435BD03BB12}
```

ArcGIS Web Adaptor (IIS) 10.5 instance product codes

```
{604CF558-B7E1-4271-8543-75E260080DFA}
{9666ABD8-8485-4383-B3DD-4D1598F582A3}
{58264BBA-5F61-41D9-839A-00B6C2C66A63}
{5988C905-772F-4F62-8339-1796C38674B7}
{ADD5FF4F-EB57-4460-BD33-D55562AE6FA7}
{EF65064A-96C8-4EA1-B76D-B9BCC97EF76A}
{183C90B7-4F78-47CE-AF69-116BF6A34085}
{6B2FA0A8-6F2C-4359-B7A4-D2F9FD63EE97}
{ACF59C57-A613-44CC-A927-1D8C2B280516}
{2E5E4CDE-9964-4B40-A1F1-843C62AC789E}
{2901A5D3-C16D-4993-A306-86261B0430B1}
{AC910B51-6077-4055-B042-D72CA0D23D69}
{8F36D583-35F0-43F2-8F8F-5B696F87183A}
{37C2CAE2-4A81-4289-B318-93D63C63AA47}
{CC345B69-1E26-4C56-B640-92BCBADBDF06}
{F0FAE80D-0C51-4D9D-A79B-057396A2456D}
{5BA355D1-D9B6-4CA0-B1C6-694377084464}
{25118D44-AD2D-423F-85F0-5D730A2691B7}
{D4855344-CEE0-47A3-BD50-D7E2A674D04E}
{9CD66AA3-F0DA-46CC-A5DD-0BB5B23499AD}
```

ArcGIS 10.4.1 Web Adaptor (IIS) instance product codes

```
{475ACDE5-D140-4F10-9006-C804CA93D2EF}
{0547D7D8-7188-4103-9387-A99FE15215AF}
{25DFAFFF-07CE-42A2-B157-541D7980A3DA}
{771998A8-A440-4F5F-B55A-0FE2C594208B}
{C120DC32-DBEA-4CB1-94E4-F50A7EE09F5C}
{3294151B-CA4C-4A89-BBC7-DCE521D8A327}
{E04FB941-248D-4806-9871-04DB306EEA91}
{66CD667D-440D-4CF1-9ECB-C6C77A7A0520}
{7938463B-E744-4332-8617-39E91B10FC15}
```

```
{C22C2AF5-D58E-4A4D-85DF-E3A38C83F37A}
{9AF62D15-755B-43DE-878A-DBA23D33B28A}
{D4F22207-C5FA-49B0-9466-9E4D37435882}
{C8ADE9B2-3BC8-4417-97D0-785BA0CD86D9}
{C85A40C5-00B9-4CDE-9299-397BFD5A2EAF}
{E0BD73FB-4028-4A5D-9A24-9FA0BD614D4B}
{83CF76EC-F959-46B3-9067-F59B2A846D2F}
{F7D6BD55-8D07-4A57-8284-ADACE0F567D8}
{C56A0E47-D4E1-4762-9BAF-07A19A154EE6}
{09AC608B-7CE4-4280-9F4E-F2988A58428D}
{5695B2B6-A25E-4013-B5F8-30686FDDFE0D}
```

ArcGIS 10.4 Web Adaptor (IIS) instance product codes

```
{E2C783F3-6F85-4B49-BFCD-6D6A57A2CFCE}
{901578F9-BC82-498D-A008-EC3F53F6C943}
{E3849BEC-6CAF-463F-8EFA-169116A32554}
{EE889E4F-85C7-4B8A-9DAA-5103C9E14FD6}
{89D96D88-CC2F-4E9B-84DD-5C976A4741EE}
{0913DB77-F27B-4FDE-9F51-01BB97BBEBB9}
{99B6A03C-D208-4E2E-B374-BA7972334396}
{A0F3D072-0CD1-43D7-AFDA-8F47B15C217C}
{0FE26871-21C3-4561-B52E-A8FED5C8E821}
{1D1F3C15-F368-44AF-9728-6CF031D478AF}
{CE5EC52D-B54D-4381-9F6E-2C08F7721620}
{E71AEC5B-25F0-47E5-B52C-847A1B779E48}
{5DA1F056-A3F1-46D5-8F2E-74E72F85B51B}
{1EB3D37A-902A-43E2-9EAA-1B43BA10C369}
{839FFEB7-76B5-4CBB-A05E-E2276FC3421D}
{594E1C33-1C6D-49B4-A83F-2A780193B75F}
{34330B0C-34CD-4DCF-A68D-FDE7A1834659}
{42A96EC7-7CA9-4F68-B946-E9BF84713605}
{A1A8DAE4-B6F9-446F-8F6A-487F1E07A434}
{3BF277C6-6A88-4F72-A08C-54F1E45F44E5}
```

ArcGIS 10.3.1 Web Adaptor (IIS) instance product codes

```
{2350F5B2-44A2-413E-804C-445DB177152B}
{7729802B-A3BB-49E5-8BCC-8413C4F852F1}
{6494393C-0657-4D5D-9A51-E54831E48CC4}
{140F583D-4EB9-4A3A-8B60-2DA3A72234D1}
{794D05F0-522C-42E7-AF0D-5A7FDECD7FB2}
{D4CFB367-FF83-4632-AA26-F7138001C071}
{096A7FDD-9548-44BE-B04D-1F82669850E3}
{95DB352A-B1A4-49DD-9D16-5AD8870203D0}
{D3C84839-B233-4951-8F9B-962D4CD81DB7}
{2C858B42-0479-4F5B-9B3B-2489EDF9639F}
{395889EC-8AB3-4570-AC77-11C2EEDB9A61}
{BE5D14D7-5433-4F04-8E3A-6A6DB7032C28}
{FD8D58CC-B361-4198-B83C-41DEF9AA9C81}
{553CDCDB-5559-43B7-A61C-8838529634CA}
{F569182C-6726-4BD3-B4C5-57982598761A}
```

```
{89E4E8EC-4594-428F-AEAD-0936A7EC21A4}
{F313D6A5-1057-4A09-B512-DB20D5D801D4}
{7A22729E-048C-493B-8766-6FDF7155E134}
{36FEEE30-C19C-416D-A19D-38D277F45620}
{A1C899A0-8582-4C38-8A4B-DFAEC55681F0}
```

ArcGIS 10.3 Web Adaptor (IIS) instance product codes

```
{0E139F65-5170-4F6D-A27C-873C61DA98F6}
{45CD1727-42C8-4986-90B0-5E16C58EBFC7}
{D6447963-213B-4E7F-A133-02E995C6F948}
{CB34AB51-E1EF-42C5-A0DF-C37C5C5F3160}
{EDA2D3D2-733F-4B63-89BB-48AA5AD65A17}
{8445558D-7ECF-4C2B-95AA-8C85E41140E8}
{34072E47-BF27-4D33-A52B-B33BEDB667DA}
{FD629592-E642-415F-B048-C53D8AD68866}
{0BAD8A19-1D69-461E-817A-E4B1F7F26639}
{556DAC0C-C01E-4D5E-B470-077A60BC5F28}
```

ArcGIS 10.2.2 Web Adaptor (IIS) instance product codes

```
{B4F6E64E-FC38-4743-92F0-F934EEFE683B}
{1879DA6F-9FBE-406C-970A-E4E7D1D588F9}
{058D6AC8-5E5D-42CE-B02D-1F93EA0CA2FD}
{16990EFC-29DE-4973-AC57-FE4ED65CF149}
{28832100-4AF5-4CE6-B397-EA209892A466}
{9253CEB5-4FFD-4E2D-B6CC-8636D38C8776}
{07C61E8A-EEB0-4E3A-BA98-BD1B6D2E996F}
{5F3600B0-3421-4734-9240-D69A65398E36}
{F73700E5-E5E3-4B35-AFC3-182EC445D23F}
{1636DF85-7289-4E4D-960F-D695167B7006}
```

ArcGIS 10.2.1 Web Adaptor (IIS) instance product codes

```
{345B5297-EB09-42E3-9AC4-726D2D3953AE}
{EFB3F701-9AF6-4577-AE0A-0C0B09BCA5C8}
{F3C325DE-3F65-4D60-AC47-0DD9D9E35B16}
{4B9BF032-BF90-4B71-87D1-CAFC65FA67A7}
{52D5974A-753E-419A-B5FE-3B01326B0F69}
{A59DCF22-BEAE-484B-9997-4EC8426054A3}
{94DD2DB1-C250-4BFD-A189-74774814DF5E}
{2F3A4E46-FFA9-4359-A0E1-AEA0A38352FA}
{8DE09037-50A3-4E3A-8F94-86DF0A116E22}
{7A5BC91C-B3C0-465B-9670-643F88DAF793}
```

ArcGIS 10.2 Web Adaptor (IIS) instance product codes

```
{2A79BF0A-248E-45A1-B283-5EC0CFA07537}
{EF39D7A8-94B9-4042-A480-8BB5F4CD04D6}
{E045E259-E3FA-4C5B-9F85-8FB1A40FA1BB}
{8C5ECECE-8FA3-4E6A-8219-62276CD40617}
{DB03FAC4-6F6E-4A20-AA79-4D31A6C3E8C1}
{9ADB734F-294E-4E03-808B-8BAECE9493E8}
{2D9BF186-23BA-4DBB-8360-315AF8A345AF}
{66C75B2A-B5AC-441E-9286-09DF7E0D75F2}
{AA60D73D-F69B-42E3-9A57-150F5D3D3916}
{FB4D8549-9627-45DA-9D94-FC0FCA6263FA}
```

ArcGIS 10.1 SP1 Web Adaptor (IIS) instance product codes

```
{D52794EA-CFED-4A35-AD48-D7B70362872E}
{FC0598F8-DFF8-4324-9E88-8EABB2D9B855}
{53D94675-CA80-4333-9FFF-BA9DF7AAAB01}
{1B4C6478-0E9B-4781-AADE-EECE7923BE02}
{2FAC39EB-E9F1-478F-BB9A-46D77920FE90}
{9892BC97-25CC-47F8-BA52-AE616DF07393}
{B34156D4-6941-4DCD-BF16-BA9FA11673FD}
{4512A442-2FB4-48E7-927A-49874DB5C57B}
{CF5D211A-6637-4B65-8E0A-B152888A4ECB}
{8353ED1D-4DFC-4FCE-B3B8-2668009D653A}
```

ArcGIS 10.1 Web Adaptor (IIS) instance product codes

```
{F2D4A6C5-E11F-4FEF-A240-5F2BA22F6418}
{DF32A6BA-A260-4BCD-B59A-4CEB4173B2D8}
{0CF52969-7F17-4F85-82FF-C658F3DC5F6E}
{8E4D5C3B-B54C-4CC5-9A5F-3EC0C6BF64F0}
{0329B7AD-D457-42F2-B97E-BBAE26D54329}
{38A627D7-01C7-4E3F-945D-3CD4CDF14BE5}
{635C3AE6-F3F1-434D-B1E7-B12CE91AD83F}
{39BE94C5-8146-4560-A54E-859979624ACF}
{1506767A-988E-44EB-A733-E5B8BFFBE81E}
{BFA02DB7-9E55-4179-88AC-D2C1B9802096}
```

ArcGIS Web Adaptor (Java Platform)

For comprehensive information on the installation of ArcGIS Web Adaptor (Java Platform), refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

ArcGIS Web Adaptor (Java Platform) allows you to integrate your existing Java-based web server with ArcGIS Server and Portal for ArcGIS. You can use Web Adaptor solely with ArcGIS Server or Portal for ArcGIS, or you can configure Web Adaptor to work with both.

The Java platform setup is compatible with Java EE servers such as WebSphere and WebLogic.

Web Adaptor is an application that runs in your existing website and forwards requests to your ArcGIS servers. It polls your site at a regular interval to learn which machines have been added or removed. It then forwards traffic to only the currently participating machines. When you prepare to expose your ArcGIS Server site to an external audience, you should install Web Adaptor or implement comparable request forwarding and security technology.

Web Adaptor can be used in various ArcGIS Server site configurations. For example, in a site with a single ArcGIS server, you can install Web Adaptor on the same machine as the ArcGIS server or offload it to a dedicated web server. In a multiple-machine deployment, you can have one entry point into your site by installing Web Adaptor on a single web server, or you can establish redundancy at the web server tier by installing Web Adaptor on multiple web servers.

Web Adaptor is a platform independent from ArcGIS Server; therefore, the Web Adaptor instance you deploy does not have to match the operating system platform of your ArcGIS Server site. For example, if you have a site composed of Linux machines, you can deploy ArcGIS Web Adaptor (Java Platform) to work with ArcGIS Server.

The ArcGIS Web Adaptor version must always match the version of its registered ArcGIS Server site. You can have a 10.2.1 or later version of ArcGIS Web Adaptor installed alongside earlier versions of ArcGIS Web Adaptor on the same machine. For example, you can have a 10.1 SP1 version and a 12.1 version of ArcGIS Web Adaptor installed on the same web server.

Each ArcGIS Web Adaptor instance must have its own unique name; you cannot have two Web Adaptor instances with the same name on a single web server.

Setup Dependency

The ArcGIS Web Adaptor (Java Platform) setup will only proceed if the operating system is 64 bit.

Feature Dependency

None

Product Conflict

ArcGIS Web Adaptor (Java Platform) can be installed even if any other Esri product from a previous version is installed on the client machine.

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files \ArcGIS\WebAdaptor12.1\java	No	No	Installation location

ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available

None

Upgrade

Starting with version 10.2.1, ArcGIS Web Adaptor can be installed side by side with other versions of ArcGIS Web Adaptor so to upgrade an earlier version of ArcGIS Web Adaptor to current version, you need to uninstall the earlier version and install the current version setup. During the installation, you will specify the same name as your earlier Web Adaptor version. This guarantees your Web Adaptor URL will remain identical to the earlier version.

After installing, you need to configure ArcGIS Web Adaptor with its corresponding ArcGIS Server site.

At 10.2 and earlier versions, running the setup upgraded all existing Web Adaptor instances to the latest version.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, add a row and set the following values for each field:

   Action: ESRI_CHANGE_INST
   Type: 35
   Source=INSTALLDIR
   Target: c:\WebAdaptorJava\12.1 (or any value)

2. In the InstallExecuteSequence table, add a row and set the following values for each field:
   Action: ESRI_CHANGE_INST
   Condition: Not Installed
   Sequence: 1002

3. In the InstallExecuteSequence table, for existing row for ESRI_APPEND_INSTALLDIR modify the following value:

   Action: ESRI_APPEND_INSTALLDIR
   Condition: 0

Uninstall

To uninstall ArcGIS Web Adaptor, follow the steps in the sections below.

1. Unregister Web Adaptor with Server and Portal sites. It is recommended that you uninstall ArcGIS Web Adaptor after unregistering Web Adaptor. Uninstalling deletes all ArcGIS Web Adaptor configuration details from the server site and portal and blocks members and clients from accessing the server site and portal through the unregistered ArcGIS Web Adaptor URL

2. Uninstall Web Adaptor.

   Use your operating system's tools to uninstall Web Adaptor.

   To uninstall ArcGIS Web Adaptor (Java Platform) silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Web Adaptor Java Version	Product Code
10.1	{02013567-A06D-4B27-9CDB-4777ED7473F3}
10.1 SP1	{E511C26C-3028-48E8-AD83-A30B1A7BFAFC}
10.2	{D9F0D397-64A8-494B-83CF-0A71A2751AC2}
10.2.1	{DE4AC1B6-B05A-4409-A26C-160354B72838}
10.2.2	{DC6E3BFB-E525-473C-A139-92AD3A0E11A4}
10.3	{FE719171-3AED-4D9C-8DC2-FC0F1A715D62}
10.3.1	{65C25345-EF47-44BD-AD25-2A626F5DD305}
10.4	{C1F0DF95-C1E2-4AF4-A4FC-223BAEAFFF3E}
10.4.1	{C265BE76-9463-429F-B7D4-9C4D34E9DCC2}
10.5	{2A35F01C-9D46-4D2F-B29D-3B7AE6130958}
10.5.1	{02C091A9-1F0E-453D-B99C-12FEBB55BF8E}
10.6	{5DC6A1FB-1D21-432F-BED1-546FFB47EA33}
10.6.1	{A0D0C945-C2A6-4106-A19E-449C60BB8D59}
10.7	{2A142568-10C4-4947-A6CE-28FB3B9F964F}
10.7.1	{48A845A4-5730-4802-9CF0-D7AE3DA87BAF}
10.8	{AD40AAC6-0368-436A-A9B8-2D4B443A8C2B}
10.8.1	{7B686207-6B76-4A38-97DA-29D00F42AC37}
10.9	{15FB5714-9373-43BF-87C6-C18664ABF309}
10.9.1	{B9138950-F155-4754-9510-678B2B523A35}
11.0	{05060E31-277F-49DA-B284-A0F16D60949A}
11.1	{9D76C3E5-4F36-4E65-94E8-AC3D45E0722D}
11.2	{C737C573-7676-462F-B612-3150F8FE4F8E}
11.3	{ACFAB233-F0D1-4494-AB0E-F018B7137CFB}
11.4	{9A118830-2B2E-407F-AC52-0EC479AD8234}
11.5	{F56388CB-22AF-429E-A878-81CC8F072217}
12.0	{74A17026-AB8D-45DD-949F-5A05F8AF0B39}
12.1	{E78D347D-E22D-40DE-B182-E4A9A78FB97C}

ArcGIS Mission Server

ArcGIS Mission Server is an ArcGIS Enterprise server role that provides the processing necessary for communication between the components of ArcGIS Mission. The primary function of ArcGIS Mission Server is to facilitate communication between ArcGIS Mission Manager users and ArcGIS Mission Responder users. ArcGIS Mission Server is licensed through ArcGIS Enterprise and is federated with an ArcGIS Enterprise portal. Portal administrators assign and manage users for both Manager and Responder.

ArcGIS Mission Server can be installed on its own or can be installed with other ArcGIS Enterprise components. ArcGIS Mission Server communicates on ports 20443, 20301, and 20160. You must open these ports on your firewall before installing the software. For comprehensive information on the installation of ArcGIS Mission Server, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

If the following system requirements and products are not detected on the machine, setup.msi will not proceed:

- 64-bit operating system.
- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.
- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Note: ArcGIS Mission Server is not supported on domain controllers. Installing ArcGIS Mission Server on a domain controller may adversely affect functionality.

Feature Dependency

None

Command Line Parameters

The following properties can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS\Mission	No	No	ArcGIS Mission Server installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file
CONFIGPATH		Yes	No	Full path and name of configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the server configuration file for configuring the account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the server configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.

Parameter	Default Value	Case Sensitive	Required	Description
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available None

Localized Setups Setup is available in English only.

Transforms **Changing INSTALLDIR**

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyMissionServer\. The backslash must be included.

Uninstall To uninstall ArcGIS Mission Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.8	{A1A58B32-2ADF-4EAD-AC84-BE97318CA569}
10.8.1	{26F574C6-C9F8-487C-977A-A906AAA60136}
10.9	{94280A6F-6501-42CE-A627-FCE20B01A9D7}
10.9.1	{2BE7F20D-572A-4D3E-B989-DC9BDFFB75AA}
11.0	{A0E25148-B33D-442F-9EE4-B35AEC2DEA6D}
11.1	{C8723ED4-272B-43B5-88D6-98F484DFFF09}
11.2	{5721BCA3-D4BB-42D3-A719-787D0B11F478}
11.3	{6A92CAEF-653B-47F0-885D-A82CA38B4C58}
11.4	{3338445A-81E9-421C-A331-BA1BFBE8A8DE}
11.5	{F0FEE17E-2CB7-4C42-B091-5E8AC7945666}
12.0	{16AF7BDF-E692-4490-A3F6-1F41812CF155}
12.1	{E116D18B-4CB4-4E16-8EA5-CDD2CCA67DF4}

ArcGIS Mission Server Help Language Pack

The English help documentation is installed as part of the ArcGIS Mission Server setup. To view the help in a language other than English, you need to download and install the ArcGIS Mission Server Language Pack from My Esri.

There is only one Language Pack setup for ArcGIS Mission Server Help Language Pack. The ArcGIS Mission Server Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu—German, Spanish, French, Japanese, Russian, and Chinese (Simplified Han). To change the shortcut language, uninstall the ArcGIS Mission Server Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Mission Server, the ArcGIS Mission Server Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

ArcGIS Mission Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	de	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
German	de
Spanish	es

Language	ST_LANGUAGE Value
French	fr
Japanese	ja
Russian	ru
Chinese (Simplified Han)	zh-CN

Features Available None

Transforms

Changing INSTALLDIR

ArcGIS Mission Server Help Language Pack installs to the Installation directory of ArcGIS Mission Server. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS Mission Server Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.8	{9A9CB37F-0F22-4714-B638-7A05D667E410}
10.8.1	{122B8D58-3C25-4E77-9816-B59520108FF2}
10.9	{5D0C6F49-7D10-4651-B2EA-01C05B958451}
10.9.1	{F61CA8F1-9A38-4603-8727-02E8510A13ED}
11.0	{B18F5EE7-FD97-4DCA-9BC9-641059340F79}
11.1	{7E5C0D9C-F030-47B9-9E50-B160E82BAC6D}
11.2	{BBD332B1-0082-4566-BA36-6847AF69BD99}
11.3	{C734C521-2840-486E-8BAA-4C4D5AD0A224}
11.4	{DD9786A4-8811-4FF6-A3CC-B73DD7D9F136}
11.5	{E8C73549-2E9D-4FEB-864B-F0D25537EB21}
12.0	{5A3D5A00-8422-4FF2-A286-84FED4F892E8}
12.1	{2056EA6D-A8A4-452F-955D-99F0DA146B83}

ArcGIS Notebook Server

ArcGIS Notebook Server is an ArcGIS Server role licensed and configured for the purpose of hosting ArcGIS Notebooks. The server role uses Docker containers to host and run notebooks and provides an isolated and secure environment for the notebooks without interfering with operations of the host operating system. For comprehensive information on the installation of ArcGIS Notebook Server, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

ArcGIS Notebook Server communicates on port 11443. You will need to open this port on your firewall before installing the software. To communicate with the ArcGIS Enterprise portal with which it is federated, ArcGIS Notebook Server needs access to port 7443 on the portal machine.

Setup Dependency

- 64-bit operating system.

- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.

- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.7	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.7.1	Microsoft Visual C++ 2017 Redistributable (x64) Update 5
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Windows Server 2022 and 2025 are the only operating systems that are supported for ArcGIS Notebook Server and Windows containers.

If you are upgrading ArcGIS Notebook Server on a machine currently running Windows Server 2019, you must also upgrade your operating system to Windows Server 2022 or Windows Server 2025. Alternatively, you can perform a fresh installation of ArcGIS Notebook Server on Windows Server 2022 or Windows Server 2025 and configure it as the Notebook Server for your ArcGIS Enterprise deployment.

Note: ArcGIS Notebook Server is not supported on domain controllers. Installing ArcGIS Notebook Server on a domain controller may adversely affect functionality.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\ NotebookServer	No	No	Default installation location

Parameter	Default Value	Case Sensitive	Required	Description
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG	No	Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file
CONFIGPATH		Yes	No	Full path and name of server configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the server configuration file for configuring the ArcGIS Server account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the server configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.

Parameter	Default Value	Case Sensitive	Required	Description
	No			The software will not install if you specify NO or omit this property.

Features Available None

Localized Setups Setup is available in English only.

Transforms **Changing INSTALLDIR**

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyNoteBookServer\. The backslash must be included.

Uninstall To uninstall ArcGIS Notebook Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{3721E3C6-6302-4C74-ACA4-5F50B1E1FE3A}
10.7.1	{F6DF77B9-F35E-4877-A7B1-63E1918B4E19}
10.8	{B1DB581E-E66C-4E58-B9E3-50A4D6CB5982}
10.8.1	{55DE1B3D-DDFB-4906-81F2-B573BAC25018}
10.9	{9D0291C2-D01E-4411-A2D8-BB42740C9ECC}
10.9.1	{39DA210D-DE33-4223-8268-F81D2674B501}
11.0	{62777D3B-5F08-4945-8EA2-C2B518D88AEA}
11.1	{B449287C-6C2B-4D83-BD27-B416A2171FD5}
11.2	{7CF68441-8657-48C3-93C2-DB2DC3EFA9E5}
11.3	{FA4C02E7-1BFB-4895-AE47-24CBCE443304}
11.4	{A853CA10-4978-4882-8629-571FBA02618D}
11.5	{C9AB6062-B63C-4745-AB1F-2532D594379F}
12.0	{42B859BB-95D1-4778-B2A7-991F3DD812E1}
12.1	{E3307F5C-C424-45A9-8B2D-8950B9700B74}

ArcGIS Notebook Server Help Language Pack

The English help documentation is installed as part of the ArcGIS Notebook Server setup. To view the help in a language other than English, you need to download and install the ArcGIS Notebook Server Language Pack from My Esri.

There is only one Language Pack setup for ArcGIS Notebook Server Help Language Pack. The ArcGIS Notebook Server Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu—Arabic, Chinese (Simplified Han), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, and Spanish. To change the shortcut

language, uninstall the ArcGIS Notebook Server Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Notebook Server, the ArcGIS Notebook Server Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

ArcGIS Notebook Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	ar	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
Arabic	ar
Chinese (Simplified Han)	zh-CN
French	fr
German	de
Italian	it
Japanese	ja
Korean	ko
Polish	pl
Portuguese (Brazil)	pt-BR
Russian	ru
Spanish	es

Features Available

None

Transforms

Changing INSTALLDIR

ArcGIS Notebook Server Help Language Pack installs to the Installation directory of ArcGIS Notebook Server. It is not possible to change this with a transform.

Uninstall

To uninstall ArcGIS Notebook Server Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{32F389A0-7826-4FFE-9F58-2735FDE9C917}
10.7.1	{45B73A1B-7868-4CE2-969D-3DD26B076DBE}
10.8	{A9E88B15-CB02-4E72-AD56-B43795F1575C}
10.8.1	{E9C224A4-600C-4D19-B76E-0741C08384D5}
10.9	{03604EB4-CC5C-4272-8C32-0E284C1785E4}
10.9.1	{4DA297D1-A002-4DF6-942E-94BB65FDE173}
11.0	{F70BC643-BCF3-4689-932D-0973B2A2C053}
11.1	{3781D540-3B4D-4C17-9255-04820C0EFE3A}
11.2	{C2A8D26F-9526-4DC7-8973-AEA77285697A}
11.3	{D3CA0240-D0EA-40FE-95B2-DD019A4CC1E1}
11.4	{E515388A-F9F2-4515-A418-9135769C2B90}
11.5	{F6186F37-8DEE-4150-939C-9557B93F4629}
12.0	{457EDB6E-5744-476E-9646-263B50C60372}
12.1	{6E774885-9E38-4615-9CBB-5E40AFC34130}

GeoEnrichment Server

GeoEnrichment Server is available with ArcGIS Business Analyst Enterprise, which is a software solution bundle that combines demographic, lifestyle, behavioral, and spending data with location-driven analytic capabilities. You can use maps, infographics, and analyses to make market planning, site selection, and customer targeting decisions For comprehensive information on the installation of GeoEnrichment Server, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

ArcGIS Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\ GeoEnrichment	No	No	Default installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.

Parameter	Default Value	Case Sensitive	Required	Description
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file
CONFIGPATH		Yes	No	Full path and name of configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the configuration file for configuring the account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.

Feature	Feature Parent	Title	Description
SemanticSearch	AIModels	Semantic Search	This model enables semantic search of demographic variables and points of interest. It supports conversational search queries and often provides better results than traditional search engines.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyGeoEnrichment\. The backslash must be included.

Uninstall

To uninstall GeoEnrichment Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{77FC7C7C-5932-43CE-B9CC-5386732CBC41}
10.7.1	{7CCBF60D-0CE0-47E7-A388-3C39964034AA}
10.8	{463C45F3-8DEA-4F50-8284-2F54D88E8EAA}
10.8.1	{0FD6C88F-0453-4B90-9369-CEE6E7290672}
10.9	{2769A8F5-BFF7-4D74-AB33-65D7ECF0DBEA}
10.9.1	{E8CCCFDD-EB73-421A-9B7F-3C1F7CAE509B}
11.0	{C79C2F95-9E23-42B4-BC9F-75D0B30B33FF}
11.1	{06FEEA75-8DB8-4A2F-B4BC-F963F0C044C1}
11.2	{1041F223-2336-4FED-8081-3AA9229BDA9F}
11.3	{B2755F3D-5798-417D-AD2B-B30382E38D45}
11.4	{51A3704E-8952-40BB-862D-434EC6394661}
11.5	{E8221CA6-05A1-4D4F-8BE2-43CB5E22FD9A}
12.0	{4C13A8B7-0E7F-4077-A755-3E28358E363D}
12.1	{E893462F-32E2-427C-B558-0AC852F2C8E1}

ArcGIS Video Server

ArcGIS Video Server is an ArcGIS Enterprise server role that allows you to index, search, publish, and stream videos as web-enabled video services with geospatial and temporal context. It delivers video services to client apps such as ArcGIS Excalibur, ArcGIS Pro, and ArcGIS AllSource to play geospatial videos with map telemetry, stream live videos for near real-time insights, and conduct video analysis. Organizations collecting video content from drones, security cameras, sensors, and more can use ArcGIS Video Server to seamlessly integrate videos as another spatial data source in their existing GIS workflows, information products, and dissemination patterns. For comprehensive information on the installation of ArcGIS Video Server, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

ArcGIS Video Server communicates through port 21443 by default. Ensure that your firewall allows HTTPS communication through this port. Unless you have disabled direct administrative access (routing traffic through your web adaptor instead), your users can access the server through port 21443.

Setup Dependency

- 64-bit operating system.
- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.

- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

- The following 64-bit operating systems satisfy the minimum operating system requirements. Support is not provided for 32-bit operating systems; the setup will only proceed if the operating system is 64 bit.
  - Windows Server 2019
  - Windows Server 2022
  - Windows Server 2025

  The Desktop Experience option is required on all versions of Windows Server. Windows 11 is supported for basic testing and application development use only. It is not recommended for deployment in a production environment.

Note: ArcGIS Video Server is not supported on domain controllers. Installing ArcGIS Video Server on a domain controller may adversely affect functionality.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\Video	No	No	Default installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.

Parameter	Default Value	Case Sensitive	Required	Description
EXPORTCONFIG	No	Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file
CONFIGPATH		Yes	No	Full path and name of server configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the server configuration file for configuring the ArcGIS Server account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the server configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available None

Localized Setups Setup is available in English only.

Transforms **Changing INSTALLDIR**

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyVideoServer\. The backslash must be included.

Uninstall

To uninstall ArcGIS Video Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
11.2	{D68D1CBB-990B-4F5B-916A-A7B89EE33716}
11.3	{401FBD2C-0D81-4D3B-8BCF-8D08C8F18EC9}
11.4	{016CE7D6-3D42-4D1A-8AEE-4846433173D1}
11.5	{BCA8F7A7-9A65-4E66-A007-83C0D3EF73A6}
12.0	{A08F57C3-0681-4D57-AEE8-51BB55ABA32D}
12.1	{691DD84E-B01A-4341-888B-6B941F671E6E}

ArcGIS Video Server Help Language Pack

The English help documentation is installed as part of the ArcGIS Video Server setup. To view the help in a language other than English, you need to download and install the ArcGIS Video Server Language Pack from My Esri.

There is only one Language Pack setup for ArcGIS Video Server Help Language Pack. The ArcGIS Video Server Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu—German, Spanish, French, Japanese, Russian, and Chinese (Simplified Han). To change the shortcut language, uninstall the ArcGIS Video Server Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Video Server, the ArcGIS Video Server Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

ArcGIS Video Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	de	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
German	de
Spanish	es
French	fr
Japanese	ja
Russian	ru
Chinese (Simplified Han)	zh-CN

Features Available None

Transforms

Changing INSTALLDIR

ArcGIS Video Server Help Language Pack installs to the Installation directory of ArcGIS Video Server. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS Video Server Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
11.2	{7D0A8E2D-D3FE-49EE-B137-9C071D9318D4}
11.3	{252238F7-669B-4AB1-B662-C50442A38987}
11.4	{3B912165-DC02-4F9F-B51E-9BB828981798}
11.5	{FE389087-EF1B-4F90-9E19-637C9EE89530}
12.0	{33AC6891-FF6E-4A95-A50D-17DE563D6B6C}
12.1	{934AAFFC-8FDE-423A-819D-F1E3C2AE1286}

ArcGIS Data Pipelines Server

ArcGIS Data Pipelines is a no-code, visual data engineering capability that makes it easy to prepare and integrate data for mapping and analysis workflows. With a drag-and-drop app, you can connect to a variety of data sources, apply common data preparation tools, and publish the results to layers or files in your content. Data Pipelines can be run on demand or scheduled to run automatically, reducing manual effort and ensuring your organization's data stays current and ready for use.

ArcGIS Data Pipelines Server communicates with ArcGIS Enterprise on port HTTPS 14443. Verify that HTTPS port 14443 is available on the ArcGIS Data Pipelines Server machine and is opened to your firewall before installing the software. To communicate with the ArcGIS Enterprise with which it's federated, ArcGIS Data Pipelines Server needs access to ArcGIS Server and Portal for ArcGIS on HTTPS ports 6443 and 7443 respectively.

For comprehensive information on the installation, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

- 64-bit operating system.

- Machines with an underscore (_) in their names are not supported. The setup will not proceed if an underscore is detected in the machine name.

- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Note: ArcGIS Data Pipelines Server does not support shared network directories that are hidden or that use special characters (such as $).

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\DataPipelines	No	No	Default installation location
USER_NAME	Local System account	Yes	No	Specify an existing domain or local account. If the specified local account does not exist, it will be created.
PASSWORD		Yes	Yes	Password for the account specified
ACCOUNT	UseConfigFile	Yes	No	If you are importing credentials from a file, set this parameter to UseConfigFile. There are no other valid values for this property.
EXPORTCONFIG		Yes	No	Exports the account information entered with the USER_NAME and PASSWORD command line parameters to an encrypted XML file

Parameter	Default Value	Case Sensitive	Required	Description
CONFIGPATH		Yes	No	Full path and name of Portal configuration file. Used in conjunction with ACCOUNT=UseConfigFile, this property specifies the Portal configuration file for configuring the Portal for ArcGIS account. Used in conjunction with EXPORTCONFIG=Yes, this property specifies the name of the Portal configuration file and the location where it will be stored. The file name must end with .xml, and the specified folder must already exist.
MSA	FALSE	Yes	No	This parameter should only be used with a Managed Service Account. A Managed Service Account must already exist on your domain. Do not use this parameter with a local account or a domain account with password. A Managed Service Account will not use the PASSWORD parameter.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available None

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyDataPipeLines\. The backslash must be included.

Uninstall

To uninstall ArcGIS Data Pipelines Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
12.1	{47592468-38F3-4920-A2E1-C60B898933EF}

ArcGIS Data Pipelines Server Help Language Pack

The English help documentation is installed as part of the ArcGIS Data Pipelines Server setup. To view the help in a language other than English, you need to download and install the ArcGIS Data Pipelines Server Help Language Pack from My Esri.

There is only one Language Pack setup for ArcGIS Data Pipelines Server Help Language Pack. The ArcGIS Data Pipelines Server Help Language Pack setup installs localized help files for all supported languages. The language-specific help shortcut will only be created for one of the specified languages included in the drop-down menu—German, Spanish, French, Japanese, Russian, and Chinese (Simplified Han). To change the shortcut language, uninstall the ArcGIS Data Pipelines Server Help Language Pack, install it again, and choose another language.

If you run Setup.exe for ArcGIS Data Pipelines Server, the ArcGIS Video Server Help Language Pack setup will not be installed automatically. It must be installed separately.

Setup Dependency

ArcGIS Data Pipelines Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
ST_LANGUAGE	de	Yes	No	Shortcut Language. The other languages that can be specified at the command prompt are given in the table below.

Language	ST_LANGUAGE Value
German	de
Spanish	es
French	fr
Japanese	ja
Russian	ru
Chinese (Simplified Han)	zh-CN

Features Available None

Transforms

Changing INSTALLDIR

ArcGIS Data Pipelines Server Help Language Pack installs to the Installation directory of ArcGIS Data Pipelines Server. It is not possible to change this with a transform.

Uninstall To uninstall ArcGIS Data Pipelines Server Help Language Pack silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
12.1	{511D1537-ACD5-4E41-88BB-32785ECF244F}

ArcGIS Enterprise Cloud Builder for AWS

ArcGIS Enterprise Cloud Builder for Amazon Web Services is used to simplify the creation of ArcGIS Enterprise deployments on Amazon Web Services (AWS). It includes a graphical user interface application and the ArcGIS Enterprise Cloud Builder Command Line Interface for Amazon Web Services utility, which allows you to automate cloud deployments of ArcGIS Enterprise. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

- 64-bit operating system.
- Microsoft .NET Framework 4.8 or higher.
- If the Microsoft Visual C++ Redistributable minimum version is not already installed, running setup.exe will install it before setup.msi is launched. Setup.msi will not install if Microsoft Visual C++ Redistributable minimum version is not already installed.

Version	Visual C++ Redistributable
10.8	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.8.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.22.27821
10.9	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
10.9.1	Microsoft Visual C++ 2015-2019 Redistributable (x64) Minimum version 14.27.29016
11.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.1	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.2	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.31.31103
11.3	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.4	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.38.33130
11.5	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.42.34433
12.0	Microsoft Visual C++ 2015-2022 Redistributable (x64) Minimum version 14.44.35211
12.1	Microsoft Visual C++ v14 Redistributable (x64) Minimum version 14.50.35719

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive% \Program Files \ArcGIS\CloudBuilder12.1	No	No	Default installation location
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

Features Available

None

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.

2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyAWS\. The backslash must be included.

Uninstall

To uninstall ArcGIS Enterprise Cloud Builder for AWS silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.8	{7CECA1E5-9050-4996-B493-097558CFF4F4}
10.8.1	{960F2473-7931-4130-B0C1-82D8E65065AE}
10.9	{502599B4-7303-4863-BB21-0840A503BBE9}
10.9.1	{C00F4771-51CB-4C1C-9612-888093DE99AD}
11.0	{956A26D8-6C21-44C8-93B3-9884264B7ED7}
11.1	{AC103E52-9BF5-4A32-B7A3-CC16B82A78BE}
11.2	{858D2306-9541-4AFC-B02A-60EC67202C2A}
11.3	{B4087F8A-3999-43B6-A171-4272002C03BD}
11.4	{DFBE2EEA-66DC-4853-9495-0A84EF5675E2}
11.5	{B82B1B63-4998-4EDC-A760-3C9F6FAE21B9}
12.0	{510FB293-A7AE-48C4-BEFE-84849C5A6C2D}
12.1	{A197AAB1-FF68-4AD3-A417-4A03DD7FB3F3}

ArcGIS Enterprise SDK

ArcGIS Enterprise Software Development Kit (SDK) allows developers to extend ArcGIS Enterprise functionalities. The ArcGIS Enterprise SDK supports extending the functionality of map services and image services published from ArcGIS Pro, as well as connecting to and integrating with user-managed data stores that not natively supported on the ArcGIS platform.

For comprehensive information on the installation of ArcGIS Enterprise SDK, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

- 64-bit operating system.

Feature Dependency

- Custom Data Feed Tool —This feature requires NodeJS runtime version between 22.14.0 and 24.13.0.
- Visual Studio 2026 Community Edition —This feature requires VS2026 Community edition.
- Visual Studio 2026 Enterprise Edition —This feature requires VS2026 Enterprise edition.
- Visual Studio 2026 Professional Edition —This feature requires VS2026 Professional edition.

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS\ EnterpriseSDK	No	No	Default installation location

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.

Feature	Feature Parent	Title	Description
CustomDataFeedTool		Custom Data Feed Tool	This feature installs the command line tool to create and manage custom data providers.
Java		Java (with Maven integration)	This feature installs help, samples, and tools for Java developers. It also includes the maven artifacts for Java SOE and SOI development.
VS2026Community		Visual Studio 2026 Community Edition	This feature installs help, samples, and tools for .Net developers using Visual Studio 2026.
VS2026Enterprise		Visual Studio 2026 Enterprise Edition	This feature installs help, samples, and tools for .Net developers using Visual Studio 2026.
VS2026Professional		Visual Studio 2026 Professional Edition	This feature installs help, samples, and tools for .Net developers using Visual Studio 2026.

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyEnterpriseSDK\. The backslash must be included.

Uninstall

To uninstall ArcGIS Enterprise SDK silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{52D58C63-8F1F-47C0-BA7A-ADDAB731FCAA}
10.7.1	{E48BFCBD-CA99-40C8-AF5C-3D2DCDEC2950}
10.8	{D6191932-E01A-4BC3-93D8-6CAEECD610AA}
10.8.1	{21BF670F-70F1-49D3-A1DE-26A296A99C3C}
10.9	{E2D3763D-9127-4740-8CAF-14DA45E7FC34}
10.9.1	{B36DEE28-A2D2-4866-8364-C7AD6DAB6902}
11.0	{C023A50E-6256-41C2-B000-7B53B718F269}
11.1	{96F72E93-F6C3-40AA-814F-351461E28312}
11.2	{78664CF5-1C61-4D08-B22C-11A7A0F5D103}
11.3	{D32C893A-F3CD-4546-98C4-035E6C31A4B1}
11.4	{FCB7996B-F630-4668-B8D4-B93FB1C10EFB}
11.5	{87FB9CD3-7A3C-4AA0-9C74-0D9633893C55}
12.0	{99B5EEBA-C335-4E97-AF24-105CA72A730E}
12.1	{F58D2668-4681-4022-AF11-F3031F9AB038}

Deep Learning Libraries for ArcGIS Server

Deep Learning Libraries for ArcGIS Server includes a broad collection of components, such as PyTorch, TensorFlow, Fast.ai and scikit-learn, for performing deep learning and machine learning tasks. For a list of supported operating systems and hardware requirements, refer to the system requirements at GitHub.

Setup Dependency

ArcGIS Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

None

Features Available

None

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

Deep Learning Libraries for ArcGIS Server installs to the Installation directory of ArcGIS Server. It is not possible to change this with a transform.

Uninstall

To uninstall Deep Learning Libraries for ArcGIS Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.8.1	{52C6F32C-D279-4702-99D6-989E3CF4200A}
10.9	{7B346FE0-7283-4A5D-8247-B3D3430A9918}
10.9.1	{1C0AE761-05FB-442E-B349-FF9C4F177B37}
11.0	{23FC1804-7B41-4271-8734-8C78C9B8CEF9}
11.1	{55A9B498-55AD-4AB9-812F-E29303FC14FE}
11.2	{A21D9C29-93F6-47FF-B1E3-C5735BAAE028}
11.3	{1AD2A68A-312B-40B1-8191-A77E2A62F09F}
11.4	{595FAC0C-2BA5-4F58-A818-BE987D5C131A}
11.5	{AC41FE87-D271-49B9-8918-ABA9ADB06F30}
12.0	{9284C916-FDFD-4F16-856D-AD1B797467B2}
12.1	{9C7AD796-8FB7-4F31-B4C3-CCD53D2D8761}

ArcGIS Data Interoperability for Server

The ArcGIS Data Interoperability server extension provides a platform for sharing Spatial ETL (extract, transform, load) tools as web tools to ArcGIS Server. The extension can be used to share Spatial ETL tools authored using ArcGIS Pro to both federated and stand-alone ArcGIS Server sites.

For comprehensive information on the installation of ArcGIS Enterprise SDK, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to the system requirements at ArcGIS Enterprise System Requirements.

Setup Dependency

ArcGIS Server setup of the same version must be installed on the machine.

Feature Dependency

None

Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files \ESRI\Data Interoperability Extension\Data Interoperability	No	No	Default installation location

Features Available

None

Localized Setups

Setup is available in English only.

Transforms

Changing INSTALLDIR

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyDataInteroperability\. The backslash must be included.

Uninstall

To uninstall ArcGIS Data Interoperability for Server silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{F826D109-412C-4A3C-9496-8335132856D7}
10.7.1	{0950170A-DC28-410C-B475-A2056E446501}
10.8	{CF608831-5C85-4896-B601-C873E7D9B25A}
10.8.1	{DD893054-9F88-474C-95D4-F169F29DC7F0}
10.9	{1C69B559-2141-4230-868C-F1915D9B70A4}
10.9.1	{26A934BC-212C-4F90-8DFF-9900437D303B}
11.0	{338D8E88-3791-4578-A9DC-82D83CF0806B}
11.1	{4D7379B9-E6B5-4B5C-A8CC-82DE30EA9329}
11.2	{58AE1C52-2096-4708-8B38-196E866E845B}
11.3	{AF003EED-0B32-49DC-8D40-914AA03B4A39}
11.4	{B51EA33A-50A0-4A3A-93D3-7996D5857118}
11.5	{C70F9A21-95A4-4908-BA87-FDCD8F2F26EB}
12.0	{9E052075-3EFB-4565-9186-D263F0A69A54}
12.1	{D7633151-A3F5-497D-8D88-160262735F43}

ArcGIS Coordinate Systems Data

ArcGIS Pro Coordinate Systems Data installs the data files required to perform geographic transformations (for example, NTv2, GEOCON, and NADCON5) and vertical transformations (for example, EGM and VERTCON). If you want everyone who uses ArcGIS Pro on the machine to have access to the coordinate system data, install ArcGIS Coordinate Systems Data. If only a specific user will use the coordinate system data on the machine, or if the user does not have privileges to install software anywhere except user folder, install ArcGIS Pro Coordinate Systems Data.

For a list of supported operating systems and hardware requirements, refer to the system requirements.

Setup Dependency

None

Feature Dependency

None

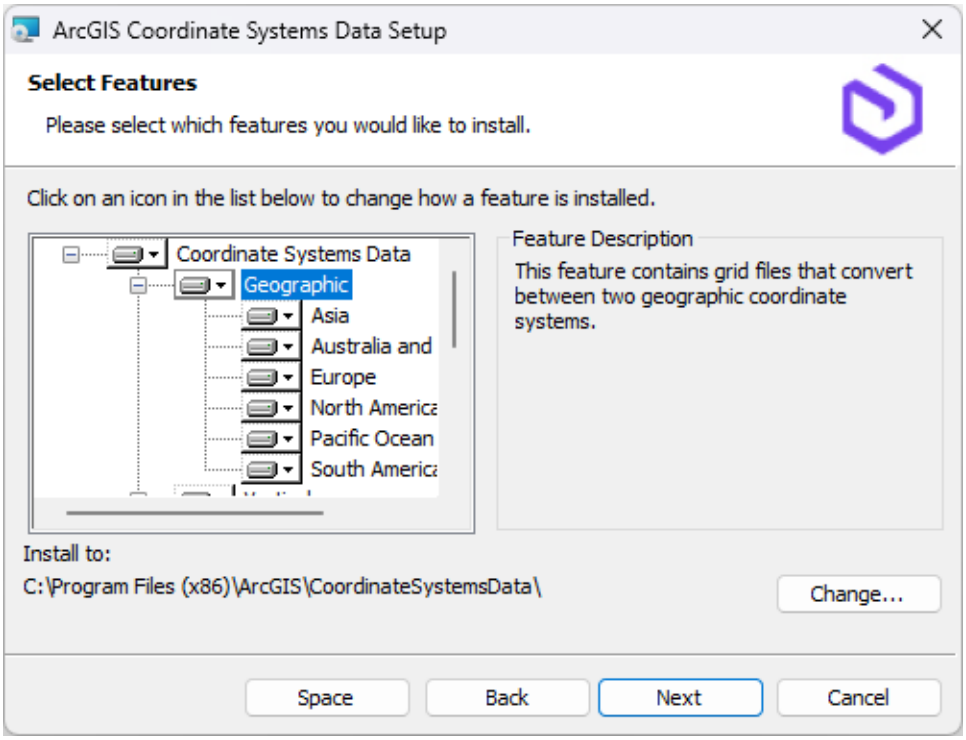
Command Line Parameters

The following property can be added to the msiexec command line:

Parameter	Default Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files \ArcGIS\CoordinateSystemsData	No	No	Default installation location

Features Available

The following features are available for installation. The setup can be modified to install only specific features by appending the ADDLOCAL parameter to the msiexec command line.



Feature	Feature Parent	Title	Description
CoordinateSystemsData		Coordinate Systems Data	Coordinate Systems Data
Geographic	CoordinateSystems Data	Geographic	This feature contains grid files that convert between two geographic coordinate systems.
asia_geo	Geographic	Asia	Grid files required for Asian transformations including Japan.
australia_nz_geo	Geographic	Australia and New Zealand	Grid files required for Australia and New Zealand transformations.
europe_geo	Geographic	Europe	Grid files required for European transformations.
north_america_geo	Geographic	North America	Grid files required for North American transformations.
pacific_geo	Geographic	Pacific	Grid files required for Pacific region transformations including Japan and US territories.

south_america_geo	Geographic	South America	Grid files required for South American transformations.
Vertical	CoordinateSystems Data	Vertical	This feature contains grid files that convert between two vertical coordinate systems.
africa_vert	Vertical	Africa	Grid files required for Australia and New Zealand vertical transformations.
asia_vert	Vertical	Asia	Grid files required for Asian vertical transformations including Japan.
australia_nz_vert	Vertical	Australia and New Zealand	Grid files required for Australia and New Zealand vertical transformations.
caribbean_vert	Vertical	Caribbean Sea	Grid files required for Caribbean region vertical transformations.
europe_vert	Vertical	Europe	Grid files required for European vertical transformations.
indian_ocean_vert	Vertical	Indian Ocean	Grid files required for Indian Ocean region vertical transformations.
north_america_vert	Vertical	North America	Grid files requires for North American vertical transformations.
pacific_vert	Vertical	Pacific	Grid files required for Pacific region vertical transformations including Japan.
south_america_vert	Vertical	South America	Grid Files required for South American vertical transformations.
world1x1_vert	Vertical	World 1x1	This feature contains the EGM2008 1' x 1' world geoid model file.
world_vert	Vertical	World	This feature contains the EGM84 and 2.5' x 2.5' EGM2008 world geoid files.

Localized Setups Setup is available in English only.

Transforms **Changing INSTALLDIR**

1. In the CustomAction table, locate the custom action GetInstallDir.
2. The target column for this custom action is [INSTALLDIR]. Change this to the desired installation location, for example, C:\MyCoordinateSystemsData\. The backslash must be included.

Uninstall

To uninstall ArcGIS Coordinate Systems Data silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
10.7	{F19418B8-A377-4DDC-9DC4-4803EC35D925}
10.7.1	{443D3257-DAEF-4E2E-ADF3-EA6CE20C6D13}
10.8	{C0042A78-996F-4266-9D8D-F793E69B7A00}
10.8.1	{A0376E81-824C-4AB9-A993-2710611C513A}
10.9	{A92063C8-47D6-43D8-AB97-9DBCA9B276AD}
10.9.1	{BB1535B4-319D-4278-8260-D62B278AFCDE}
11.0	{C338A9BB-6D4C-4033-B78B-803D53B73F63}
11.1	{D79BA24A-E228-43C4-8FDE-751C2E923C66}
11.2	{E54143C4-7364-4146-9241-E04027429033}
11.3	{F6ADF209-AC1B-4BA6-AED3-13DF20F6CFB8}
11.4	{BDB0A52A-0EEA-48B2-9801-49E0C23E834C}
11.5	{C93A12BB-D4A1-4324-9F82-44B0772408D5}
12.0	{EC69EF87-007E-43AA-96D3-E9ABB12980EF}
12.1	{530E6B47-61C8-4B76-BB52-BAD2102A5461}

ArcGIS Earth

ArcGIS Earth provides a lightweight, easy-to-use interface for immersible 3D that complements the capabilities of ArcGIS Pro and the 3D Scene Viewer with a focused experience for working with geospatial data on the globe. ArcGIS Earth allows anyone in the enterprise to quickly view 3D maps over the Internet or behind a firewall. For comprehensive information on the installation of ArcGIS Earth, refer to the installation guide. For a list of supported operating systems and hardware requirements, refer to System Requirements at ArcGIS Earth System Requirements.

ArcGIS Earth can be installed on the same machine as other ArcGIS Desktop releases or on a machine without any Esri products.

ArcGIS Earth setups can be deployed to a user or computer. Use the following criteria to decide what option to choose:

- If all users on the computer need to use ArcGIS Earth, then assign it to the computer.
- If only a particular user needs it, then assign it to the user.

Setup Dependency

- 64-bit operating system.

- For ArcGIS Earth to be installed per user on supported Windows Server operating systems, the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer must contain the REG_DWORD data type DisableMSI, with a value of 0. For more information, see MSDN's topic, DisableMSI.

Feature Dependency None

Properties The following properties can be added to the msiexec command line:

Parameter	Value	Case Sensitive	Required	Description
INSTALLDIR	%System Drive%\Program Files\ArcGIS\Earth in the case of a per machine installation and %System Drive%\%USERPROFILE%\AppData\Local\Programs\ArcGIS\Earth in the case of a current user	No	No	ArcGIS Earth installation location
ALLUSERS	1	No	No	Defines the installation context of the setup. ALLUSERS=1 specifies a per machine installation. If a user without administrative privileges attempts to set this to 1, the installation will fail.
	2	No	No	ALLUSERS=2 specifies a per user installation. If this parameter is not specified, the silent installation defaults to per user.
MSIINSTALLPERUSER	1	No	No	To do a per user installation, specify both ALLUSERS=2 and MSIINSTALLPERUSER=1. This property is ignored if ALLUSERS=1 is specified.
CONFIGFILE	UseConfigFile	Yes	No	If importing a configuration file, specify "CONFIGFILE=UseConfigFile" at the command line. There are no other valid values for this property.

Parameter	Value	Case Sensitive	Required	Description
CONFIGPATH	<Path to Config File>	Yes	No	Used in conjunction with CONFIGFILE=UseConfigFile, this property allows you to specify an ArcGIS Earth configuration file to be installed to <Installdir>\Earth\bin. Note that the file you select will be renamed in the bin directory as config.xml. The CONFIGPATH property must contain the full path to and name of the configuration file.
ACCEPTEULA		Yes	Yes	This property is required to accept the End User License Agreement during a silent installation.
	YES			Specify ACCEPTEULA=YES to agree to the EULA and install the software.
	No			The software will not install if you specify NO or omit this property.

To install to per machine with a config file, use the following command line:

```
msiexec.exe /i <setup location>\ArcGISEarth.msi /qb ALLUSERS=1 CONFIGFILE=UseConfigFile
CONFIGPATH=\\networkmachine\earthconfigs\config.xml
```

To install to per user, use the following command line:

```
msiexec.exe /i <setup location>\ArcGISEarth.msi /qb ALLUSERS=2 MSIINSTALLPERUSER=1
```

If ALLUSERS and MSIINSTALLPERUSER are not specified on the command line for a silent installation, it will default to per user installation.

Features Available None

Localized Setups ArcGIS Earth setup is available in Japanese, Polish and Russian. Running setup.exe provides a fully localized installation experience.

Transforms **Changing INSTALLDIR**

For per machine installation

1. In the CustomAction table, add a new row with the following values:

   Action: SetInstallDir
   Type: 51
   Source: INSTALLDIR
   Target: c:\MyEarth

2. In the InstallExecuteSequence table, add a new row with the following values:

   Action: SetInstallDir
   Sequence: 965

For per user installation

1. In the CustomAction table, add a new row with the following values:

   Action: SetInstallDir
   Type: 51
   Source: INSTALLDIR
   Target: [TempFolder]MyEarth

2. In the InstallExecuteSequence table, add a new row with the following values:

   Action: SetInstallDir
   Sequence: 965

3. In the Property table, change the following properties:

   ALLUSERS=1
   MSIINSTALLPERUSER=""

Uninstall

To uninstall ArcGIS Earth silently, use the following command line:

```
msiexec.exe /x <ProductCode> /qb
```

Version	Product Code
1.15	{D1AEAE3F-2089-4322-9F59-962256E5C865}
1.16	{EBA019D3-9DBA-409E-B893-1AED58F845AB}
1.17	{643AA6D3-E312-4C85-A53B-5ED4A67C90D8}
1.18	{19AC37F8-7A07-4AAC-8CC9-4DF9761E2668}
2.0	{665D9579-1C9E-4635-94D2-84BDB55EF8F6}
2.1	{8BC0F716-5A11-41E1-9071-EEB11449466E}
2.2	{879502C1-E793-481F-B814-DB53BB3C7EF3}
2.3	{27A3C60C-8829-4707-B10D-11583BD0343F}
2.4	{45B12019-D2B9-4CBD-B58C-934A8D133889}
2.5.1	{5A0E8F50-6E2E-4DD2-8F69-E70197C29FD2}
2.6	{4488D034-F5FB-49AB-90F1-F52BB9CE7F19}
2.7	{4C011EAD-0645-4FA2-9FD2-661E785134AC}

Summary

Successful enterprise deployment requires good planning and implementation of your system environment. To successfully deploy a Windows Installer package, you should have a solid, in-depth understanding of your chosen enterprise deployment tool. This technical paper does not attempt to introduce or educate you on the usage of SMS, SCCM, or Group Policy. For more information on Windows Installer, transform files, .msp files, SMS, SCCM, Group Policy, or Active Directory, see www.microsoft.com.

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