Silent Installation Guide on Windows

Appeon® PowerServer® 2020

FOR WINDOWS

Contents

1 Silent Installation Guide

The silent installer allows you to install the Appeon PowerServer on Windows in a silent mode. And before you could run the setup program in a silent mode, you would need to configure all of the settings required by the setup program beforehand. Instead of making the configurations and selections in graphical user interface throughout the installation process, you predefine these configurations and selections in the SilentInstall.ini configuration file and then the setup program will automatically read this file for any value or settings whenever needed.

The silent installer can install the following PowerServer Components, including PowerServer of all types, PowerServer Web Component, and PowerServer Help. And the required settings of these components are specified in the same configuration file -- SilentInstall.ini -- located under the root directory of the installation package, for example, ...\Appeon\SilentInstall.ini.

The silent installer can be launched via commands in the DOS command window. You must copy all of the files for the silent installer to the local machine.

1.1 Configure license agreement and product key

You will need to accept the Appeon license agreement and specify the product number before running the silent installation.

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and configure the following parameters:

- *AgreeToAppeonLicense*: Set whether to accept the Appeon license agreement. The value can be *true* or *false*.

- *ProductKey*: Input the product key of the purchased product.

1.2 PowerServer silent installation

PowerServer for almost all types including .NET, JBoss, JEUS, WebLogic and WebSphere can be installed in a silent mode. And the PowerServer silent installer not just install PowerServer, but also install the packaged PowerServer applications.

If PowerServer 2020 has already been installed, silent installer will upgrade it to the current version; if the exact same build and version of PowerServer has already been installed, then silent installer will remove the PowerServer first and then install it again; if the same version (but a different build) of PowerServer has already been installed, then silent installer will terminate the installation.

1.2.1 Configuring silent installation for PowerServer

Here are the silent install settings for PowerServer for .NET:

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[powerserver]** section; and then configure the following parameters for the silent installation of PowerServer for .NET.

Table 1.1: Silent install settings for .NET

Parameter	Usage
WorkWithAzure	Sets whether to work with the Windows Azure environment. The value can be *true* or *false*.
RegisterNETFramework	Sets whether to register the .NET Framework. The value can be *true* or *false*.
AutoSetEnable32BitAppOnWin64	Sets whether to automatically turn on the Enable32BitAppOnWin64 parameter for IIS. The value can be *true* or *false*.
Upgrade6x	Sets whether to upgrade the PowerServer whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.
CreateWebSite	Sets whether to automatically create a PowerServer Instance on a new Web site.
WebSiteName	Sets the name of the new or an existing IIS Web site where PowerServer will be installed.
WebSiteHome	If CreateWebSite is set to true, you will need to set the home directory for the new IIS Web Site.
WebSitePort	If CreateWebSite is set to true, you will need to set the HTTP Port for the new IIS Web Site. The value can be between 1 and 65535.
ProcessModelUserName, ProcessModelPassword	Sets the user name and password of an administrator group member for the application pool used by PowerServer. These two parameters must be set in order to install and run PowerServer on Windows Azure successfully.
InstallDemo	Sets whether to install the Appeon demo applications. The value can be *true* or *false*.
SAENGPATH	If InstallDemo is set to true, you will need to specify the path for an existing SQL Anywhere engine.
EnableASAODBCPool	Sets whether to enable the Connection Pooling feature in ODBC Data Source. The value can be *true* or *false*.
AEMUserName, AEMPassword	Sets the AEM login user name and password.
ModifyASPSettings	Sets whether to modify the current ASP.NET settings. The value can be *true* or *false*.
minWorkerThreads, maxIoThreads, minWorkerThreads,	Sets the ASP.NET settings.

Parameter	Usage
minFreeThreads, minLocalRequestFreeThreads, executionTimeout, maxRequestLength	
Silent_Install_AppPackage	Sets whether to silently install the packaged PowerServer application(s) to the PowerServer. The value can be *true* or *false*.
AppPackage_1, AppPackage_2, AppPackage_3, AppPackage_4, AppPackage_5	Points to the folder name of the PowerServer application package that will be silently installed to the PowerServer. You can install no more than 5 applications at a time. To create a PowerServer application package, click the **Package** button on the PowerServer Toolkit and set the package type to **Package a Server Deployment Project**. For detailed instructions, refer to Section 9.1, "Packaging a server deployment project" in *PowerServer Toolkit User Guide*. After the package is generated, copy the entire package to the "...\Appeon\AppPackage_install" folder and then set the Silent_Install_AppPackage parameter to true and the AppPackage_# parameter to the package folder name.

Here are the silent install settings for PowerServer for JBoss:

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[jbossserver]** section; and then configure the following parameters for the silent installation of PowerServer for JBoss.

Table 1.2: Silent install settings for JBoss

Parameter	Usage
JBossPath	Sets the home directory of the JBoss server.
InstanceName	Sets the instance name of the JBoss server. PowerServer will be installed to the specified server instance.
AEMUserName, AEMPassword	Sets the AEM login user name and password.
Upgrade6x	Sets whether to upgrade the PowerServer whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.
JDKHome	Sets the directory where JDK 1.8 or above is located.
Silent_Install_AppPackage	Sets whether to silently install the packaged PowerServer application(s) to the PowerServer. The value can be *true* or *false*.
AppPackage_1, AppPackage_2, AppPackage_3,	Points to the folder name of the PowerServer application package that will be silently installed to the PowerServer. You can install no more than 5 applications at a time.

Parameter	Usage
AppPackage_4, AppPackage_5	To create a PowerServer application package, click the **Package** button on the PowerServer Toolkit and set the package type to **Package a Server Deployment Project**. For detailed instructions, refer to Section 9.1, "Packaging a server deployment project" in *PowerServer Toolkit User Guide*. After the package is generated, copy the entire package to the "...\Appeon\AppPackage_install" folder and then set the Silent_Install_AppPackage parameter to true and the AppPackage_# parameter to the package folder name.

Here are the silent install settings for PowerServer for JEUS:

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[jeusserver]** section; and then configure the following parameters for the silent installation of PowerServer for JEUS.

Table 1.3: Silent install settings for JEUS

Parameter	Usage
JEUSPath	Sets the home directory of the JEUS server.
InstanceName	Sets the name of of the JEUS container. PowerServer will be installed to the specified container.
AEMUserName, AEMPassword	Sets the AEM login user name and password.
Upgrade6x	Sets whether to upgrade the PowerServer whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.
JDKHome	Sets the directory where JDK 1.8 or above is located.
Silent_Install_AppPackage	Sets whether to silently install the packaged PowerServer application(s) to the PowerServer. The value can be *true* or *false*.
AppPackage_1, AppPackage_2, AppPackage_3, AppPackage_4, AppPackage_5	Points to the folder name of the PowerServer application package that will be silently installed to the PowerServer. You can install no more than 5 applications at a time. To create a PowerServer application package, click the **Package** button on the PowerServer Toolkit and set the package type to **Package a Server Deployment Project**. For detailed instructions, refer to Section 9.1, "Packaging a server deployment project" in *PowerServer Toolkit User Guide*. After the package is generated, copy the entire package to the "...\Appeon\AppPackage_install" folder and then set the Silent_Install_AppPackage parameter to true and the AppPackage_# parameter to the package folder name.

To silently install the PowerServer application to the PowerServer for JEUS, in addition to configuring the above parameters, you will also need to configure the USERNAME

and PASSWORD parameters for a JEUS command in ..\TmaxSoft\JEUS6.0\bin
\jeus.properties.cmd.

Here are the silent install settings for PowerServer for WebLogic:

Open the SilentInstall.ini file (located under the root directory of the installation package,
e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[weblogicserver]** section;
and then configure the following parameters for the silent installation of PowerServer for
WebLogic.

Table 1.4: Silent install settings for WebLogic

Parameter	Usage
WeblogicPath	Sets the home directory of the WebLogic server.
DomainName	Sets the name of of the WebLogic domain. PowerServer will be installed to the specified domain.
AEMUserName, AEMPassword	Sets the AEM login user name and password.
Upgrade6x	Sets whether to upgrade the PowerServer whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.
JDKHome	Sets the directory where JDK 1.8 or above is located.
Silent_Install_AppPackage	Sets whether to silently install the packaged PowerServer application(s) to the PowerServer. The value can be *true* or *false*.
AppPackage_1, AppPackage_2, AppPackage_3, AppPackage_4, AppPackage_5	Points to the folder name of the PowerServer application package that will be silently installed to the PowerServer. You can install no more than 5 applications at a time. To create a PowerServer application package, click the **Package** button on the PowerServer Toolkit and set the package type to **Package a Server Deployment Project**. For detailed instructions, refer to Section 9.1, "Packaging a server deployment project" in *PowerServer Toolkit User Guide*. After the package is generated, copy the entire package to the "...\Appeon\AppPackage_install" folder and then set the Silent_Install_AppPackage parameter to true and the AppPackage_# parameter to the package folder name.

Here are the silent install settings for PowerServer for WebSphere:

Open the SilentInstall.ini file (located under the root directory of the installation package,
e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[websphereserver]** section;
and then configure the following parameters for the silent installation of PowerServer for
WebSphere.

Table 1.5: Silent install settings for WebSphere

Parameter	Usage
WebspherePath	Sets the home directory of the WebSphere server.

Parameter	Usage
AEMUserName, AEMPassword	Sets the AEM login user name and password.
Upgrade6x	Sets whether to upgrade the PowerServer whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.
JDKHome	Sets the directory where JDK 1.8 or above is located.
Silent_Install_AppPackage	Sets whether to silently install the packaged PowerServer application(s) to the PowerServer. The value can be *true* or *false*.
AppPackage_1, AppPackage_2, AppPackage_3, AppPackage_4, AppPackage_5	Points to the folder name of the PowerServer application package that will be silently installed to the PowerServer. You can install no more than 5 applications at a time. To create a PowerServer application package, click the **Package** button on the PowerServer Toolkit and set the package type to **Package a Server Deployment Project**. For detailed instructions, refer to Section 9.1, "Packaging a server deployment project" in *PowerServer Toolkit User Guide*. After the package is generated, copy the entire package to the "...\Appeon\AppPackage_install" folder and then set the Silent_Install_AppPackage parameter to true and the AppPackage_# parameter to the package folder name.

1.2.2 Running silent installation for PowerServer

Copy the silent installation package to the local machine.

In the DOS prompt window, change to the corresponding directory for the PowerServer type under the installation package: **DNS** for .NET, **JBS** for JBoss, **JEUS** for JEUS, **WBL** for WebLogic, and **WBS** for WebSphere.

Then execute SilentInstall.bat with this command: SilentInstall.bat

Take .NET for example,

```
cd C:\setup\Appeon\DNS
SilentInstall.bat
```

To confirm that the PowerServer installation is successful, go to the Windows Start menu, and make sure the Appeon PowerServer 2020 | PowerServer for * shortcut menu is created; and then go and check the log file under C:\Windows\System32\AppeonInstallLog (or C:\Windows\SysWOW64\AppeonInstallLog) to determine if any error occurred during installation. To confirm that the PowerServer application installation is successful, go to the Windows menu, and make sure the Appeon Web Application | *ApplicationName* shortcut menu is created, and you can click it to run the application successfully.

1.3 PowerServer Web Component Silent Installation

1.3.1 Configuring silent installation for PowerServer Web Component

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[WebComponent]** section; and then configure the following parameters for the silent installation of PowerServer Web Component.

Table 1.6: Silent install settings

Parameter	Usage
WebHome	Sets the installation location of PowerServer Web Component.
Upgrade6x	Sets whether to upgrade PowerServer Web Component whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.

1.3.2 Running silent installation for PowerServer Web Component

Copy the silent installation package to the local machine.

In the DOS prompt window, change to the "AWL" folder under the installation package, and then execute SilentInstall.bat. For example,

```
cd C:\setup\Appeon\AWL
SilentInstall.bat
```

To confirm that the installation is successful, go to the Windows Start menu, and make sure the Appeon PowerServer 2020 | PowerServer Web Component shortcut menu is created; and then go and check this log file: C:\Windows\System32\AppeonInstallLog \AppeonWebSilent2020.txt (or C:\Windows\SysWOW64\AppeonInstallLog \AppeonWebSilent2020.txt) to determine if any error occurred during installation.

1.4 PowerServer Help Silent Installation

1.4.1 Configuring silent installation for PowerServer Help

Open the SilentInstall.ini file (located under the root directory of the installation package, e.g. ...\Appeon\SilentInstall.ini) in a text editor and locate the **[help]** section; and then configure the following parameters for the silent installation of PowerServer Help.

Table 1.7: Silent install settings

Parameter	Usage
HelpHome	Sets the installation location of PowerServer Help.
Upgrade6x	Sets whether to upgrade PowerServer Help whose version is lower than 2020, such as 2016, 2017, 2019. The value can be *true* or *false*.

1.4.2 Running silent installation for PowerServer Help

Copy the silent installation package to the local machine.

In the DOS prompt window, change to the "Help" folder under the installation package, and then execute SilentInstall.bat. For example,

```
cd C:\setup\Appeon\Help
SilentInstall.bat
```

To confirm that the installation is successful, go to the Windows Start menu, and make sure the Appeon PowerServer 2020 | PowerServer Help shortcut menu is created; and then go and check this log file: C:\Windows\System32\AppeonInstallLog\AppeonHelpSilent2020.txt (or C:\Windows\SysWOW64\AppeonInstallLog\AppeonHelpSilent2020.txt) to determine if any error occurred during installation.

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