

Environment Manager 8.6 SP2

Release Notes

AppSense Environment Manager 8.6 Service Pack 2 is an update to Environment Manager 8.6 (Build Version 8.6.313.0) which is a pre-requisite for this Service Pack.

This Service Pack supersedes EM 8.6 SP1 (Build Version 8.6.354).

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Components in this Release

Component	Version	File Name
Agent	8.6.406.0	EnvironmentManagerAgent32.msp EnvironmentManagerAgent64.msp
Personalization Server	8.6.406.0	PersonalizationServer64.msp
Console	8.6.406.0	EnvironmentManagerConsole32.msp EnvironmentManagerConsole64.msp
Tools	8.6.406.0	EnvironmentManagerTools32.msp EnvironmentManagerTools64.msp
Policy Tools	8.6.406.0	EnvironmentManagerPolicyTools32.msp EnvironmentManagerPolicyTools64.msp
Documentation	8.6.20.0	EnvironmentManagerDocumentation32.msi EnvironmentManagerDocumentation64.msi
Database	8.6.30	N/A

Service Pack Installation

Service Packs are delivered as MSP files, commonly known as patch files, and contain updates to the original application. Patches can be viewed inside the Windows Control Panel (**Control Panel > Programs > Programs and Features > Installed Updates**).

How to install a Service Pack

Service Packs (MSPs) can be installed or deployed using the same technology and techniques that are used to install MSIs. Both Microsoft® System Center and the AppSense Management Center 8.6 (or higher) are capable of deploying MSPs. If neither of these products is available for Service Pack deployment and installation, then it is also possible to install the Service Pack using MSIExec.

To install the Service Pack and the base version simultaneously, or to apply the Service Pack to an existing install, run the following command:

```
e.g. msiexec.exe /i basefile.msi PATCH=c:\fullpath\patchfile.msp
```

To install a Service Pack on a named instance of a server, run the InstallerCmd.exe utility which can be located within the Bin folder of the DesktopNow Suite media:

```
e.g. InstallerCmd.exe /p serverpatchfile.msp InstanceName
```



Note

Windows 10 Endpoints that are currently on EM 8.6 Base Version (8.6.313) may require an additional reboot after EM 8.6 Service Pack 2 has been installed.

To avoid this additional restart we recommend deploying both the EM 8.6 Base Version MSI and Service Pack 2 MSP as part of the same procedure in Windows 10 environments. Further information on this Windows 10 specific issue can be found [here](#).

Installation order and dependencies

The Personalization Server Service Pack should be installed first, followed by the Console Service Pack and finally the Agent Service Pack.

System restarts

The use of MSPs reduces the need for restarts but doesn't completely avoid them. If a file is in use during the install then a restart prompt will be shown.

Rollback procedure

If for any reason the Service Pack needs to be uninstalled, this can be accomplished from inside the Windows Control Panel (Control Panel > Programs > Programs and Features > Installed Updates). If a Service Pack is uninstalled the installation will revert back to the previous latest build, be that a hotfix, previous Service Pack or the base version.

New Features

The following new features are included in this Service Pack.

Windows 10 Operating System Conditions

All Policy and Personalization Operating System Conditions can now be configured to detect Windows 10.



Note

The latest information regarding Outstanding DesktopNow/Windows 10 Known Issues can be found [here](#).

Windows Settings Group Exclusions

Exclusion of folders, files and registry data can now be configured for Windows Settings Groups from within the Personalization Console.

Bugs Fixed

Customer Bugs

The following customer bugs were resolved in this Service Pack, including bugs from any previous Service Packs and a rollup of all hotfixes.

Problem ID	Title
N/A	From EM 8.6 SP1 Agent Hotfix 1: Environment Manager and Invincea Advanced Endpoint Protection integration When Internet Explorer is managed by both EM Personalization and Invincea Advanced Endpoint Protection (IAEP), PVC.DLL is not loaded into the Internet Explorer process
10070	When Personalizing both the 'Windows Desktop' and 'Windows Appearance' Windows Settings Groups, a duplicate Wallpaper image file is captured
10483	Incorrect logic applied when an 'Or' Condition contains a child 'If-Else' group
10782	Persistent.dat files continue to synchronize when 'ManagedPersistentDat' is set to False
10812	'Site to Zone Assignment List' ADMX Policy fails to show the 'Value Name' column
10910	ADMX Policy paths fail to persist within the Console
10976	Desktop Icon Positions fail to apply on first logon after upgrade
10989	Nested Policy Conditions failing to evaluate correctly within certain triggers
11001	Nested Computer Group condition fails if computer is a member of a group that contains 50+ other groups
11025	Console crashes when renaming a Custom Windows Setting to a name over 50 characters long
11073	Folder Redirection Policy action contains incorrect compatibility detail
11111	Incorrect logic within EM Mon when deselecting Policy Actions within the Filter Display
11151	Logon & Logoff intermittently hangs due to an invalid pointer within EM Synchronizer
11200	MS Project 2010 stalls on 2nd launch when attempting a File > Open operation
11312	Personalized Application performance degrades when processing a large amount of Read/Write File operations on remote paths
11327	EM Mon default Trace level fails to display Windows Settings Group folder synchronizations
11354	EMCoreService crashes when a command line argument exceeds 16k characters
11383	Administrator role users denied access to the EM Browser Interface
11490	User Logoff hang when the 'Enterprise Connect Framework' Desktop Icon is present

Internal Bugs

The following internally raised bugs were also resolved in this release:

TFS ID	Title
140409	Comparing tabs within the EM Mon raw log view results in an unhandled exception
152052	A Windows 8 Operation System condition incorrectly evaluates true on Windows 10
155301	An ESST relaunch when switching to online mode can interrupt user actions
158549	Incorrect permissions for Non Admins/Master Admins applied, when launching ESST as a custom user in another users session
158827	Individual Windows Setting Group Archives fail to Rollback via ESST
160156	Themed Wallpapers Personalized in Windows 8.1 are not Displayed in Windows 7
164297	Computer Process Start Conditions fail when multiple parameters are specified on Windows 10
164304	Icon positions cannot be Personalized on Windows 10
165560	The Set Value Dialog text within the EM Policy Registry Set Values tab incorrectly uses the word 'key' instead of 'value'