

Management Center

Release Notes (Version 10.1)

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Components in this Release

Component	Version
Deployment Agent	10.1.126.0
Management Server	10.1.126.0
Console	10.1.126.0
Database	10.1.0

Important Upgrade Information

This upgrade section contains functionality changes that have been introduced in either Management Center v10.0 or v10.1. Any information that is new to this release will be specifically listed as Management Center v10.1.

We are including this extended information for the convenience of customers upgrading from an 8.x version.

Windows Server

Management Center 10.1 requires Windows Server 2008 R2 SP1 or above. Microsoft mainstream support for both Windows Server 2008 and R2 ended on 13th January 2015, but we are continuing to support Windows Server 2008 R2 beyond this date.

Windows Client

Support for Windows XP, Windows Vista, and Windows Server 2008 has been deprecated for the Management Center Deployment Agent, therefore the Deployment Agent 10.1 now requires Windows 7 SP1 or above and Windows Server 2008 R2 SP1 or above. In addition, Convenience Roll-up KB3125574 will also need to be applied to Windows 7 SP1 and Windows Server 2008 R2 SP1

Microsoft extended support for Windows XP ended on 8th April 2014. Mainstream support for Windows Vista ended on 10th April 2012.

SQL Server

Support for SQL Server 2008 and 2008 R2 has been deprecated; the Management Center 10.0 Management Server now requires SQL Server 2012 SP2 or above. Microsoft mainstream support for SQL Server 2008 and R2 ended on 8th July 2014.

Please refer to the [Required Utilities and Components](#) section for further details.

Server Configuration Utility (SCU)

The Server Configuration Utility (SCU), which was used to configure instances of the Management Server, has been replaced with the new Server Configuration Portal and new PowerShell cmdlets. It will no longer be possible to configure the Management Server using the SCU. The new Server Configuration Portal is not able to detect and repair all missing Windows Server and IIS components, as it requires some Windows Server and IIS components to be in place first. The functionality to detect all missing Windows Server and IIS components has been moved to the DesktopNow Installer. A list of the required Windows Server and IIS components is available in the [Required Utilities and Components](#) section for anyone not using the DesktopNow Installer.

IIS Web Sites

Management Center 10.1 no longer installs into the default IIS website. Apart from in-place upgrades, it now creates and installs into a new website called Management which can have two bindings specified, one that uses host headers on port 80 and another on port 7751, which are both configurable during setup. In order to use host headers on port 80, the DNS servers must be updated (refer to the *AppSense DesktopNow 10.1 Install and Configure Guide* for further information). In-place upgrades install into the default website, if that is where Management Server is installed.

When installing the Management Centre in Evaluation Mode, to simplify the evaluation process we now utilize the default IIS website and port 80 in a similar method to previous 8.x installations.



Caution

Care should be taken not to install into the default website if other applications are using it. This is due to Management Centre now using the root of the website that it is hosted on. Further information is available in the *AppSense DesktopNow 10.1 Install and Configure Guide*.

New Features

Evaluation Mode Installations

In v10.0, by default the Evaluation installation configured the AMC/EMPS components to install into their own IIS Websites and use a bespoke Port Binding (7751/7771). However, we realise that in scenario's such as a Proof of Concept you may wish to simplify the configuration that is applied.

In v10.1 when using the Evaluation Mode, the installer will now install the products into the default website using port 80.

Upgrade to Microsoft Visual Studio 2015

Management Server, Console, Licensing Console and Agent components have all been upgraded to utilize the latest technology stack. The following specific details have been included in v10.1:

- The .NET framework has been updated to use .NET v4.6.1
- Microsoft Visual C++ Redistributable Package Update 3 – 14.0.24123.0
- Installer projects have been updated to use Wix 3.10.2

Windows Server 2016 & Windows 10 Compatibility

Management Server, Console, Licensing Console and Agent components are all compatible with Microsoft Windows Server 2016 Server (with Desktop Experience Installation) and Microsoft Windows 10.

Windows 10 In-place Upgrade Support

Microsoft designed Windows 10 with a new approach to accelerate innovation development and delivery known as Windows as a Service (WaaS). This approach is detailed here:

<https://technet.microsoft.com/en-us/itpro/windows/manage/introduction-to-windows-10-servicing>.

In v10.1 the following agents are all fully functional following a Windows 10 Feature Release update:

- AppSense Performance Manager
- AppSense Environment Manager
- AppSense Application Manager
- AppSense Client Communication Agent (CCA)
- AppSense Watchdog

Management Server Deployment Statistics

In v10.1 of Management Server it is now possible to view the following data relating to the Application, Environment and Performance Manager agents:

- Count of agent installed, grouped by product type
- Count of configuration installed, grouped by product type
- Count of agent polled in the last thirty days

Single Management Center & Server Configuration Portal Log File

Prior to v10.1 log files were created under a product GUID for each product installed. In v10.1 this has been changed so that a single log file is created, residing as follows:

SCP - %ProgramData%\AppSense\SCU

Management Server - %ProgramData%\AppSense\Management_[InstanceName]

Bugs Fixed

The following customer support issues have been resolved in this release:

Problem ID	Title
10793	AMC Concurrency error when trying to import missing reports
10869	EventsDispatcher.exe constantly consuming high CPU since 8.4 to 8.6 upgrade
11328	Error when viewing events within AMC 8.7 SP1 Management Console - "Invalid object name 'EventParamsView'"
11338	Custom security in AMC 8.7 - Unable to select Discover
11342	AMC Package Creator privilege provides a user the ability to modify configurations that they did not create
11494	Unexpected behavior if a computer is moved to a group with an invalid native configuration deployment path set
11504	Native Configuration Path still read after computer is moved to a deployment group with MSI Install assigned
11562	Management Center permissions problem when using custom server role
11984	Management Server service crashes following SQL Connection failure
11998	AMC Installation Guide lacks documentation for correct use of CreateLogin.sql script
12029	Permission Deployment Group Creator not working
12032	Poll period retrieved with first CCA poll is not honored immediately
12114	Event 9707 not logged when events are deleted
12228	Issues with install definitions key causing AMC to return error 500 to CCA
12233	Can't change description field after upgrading to latest management center
12237	Audit Event 9712, "Computer assigned to Deployment Group", is never raised
12628	Disabling TLS 1.0 and SSL V3 prevents CCA from polling the Management Server and Management Console from working
12659	Events Dispatcher does not correct corrupt MSI / MSP's in packages folder
12959	Package Assignment object role does not grant permission to assign packages
13112	V10 Server Configuration Portal - IE side by side App when opening from the start menu
13282	Credential error when logging into the SCP with usernames that contain non-alphanumeric characters
13302	Find Button Next and Find Previous buttons do not function as expected
13491	MSXML4.DLL is installed even if a newer version is present on the endpoint

Known Issues and Limitations

The known issues and limitations are now detailed on support.appsense.com.

Supported Operating Systems and Technologies

The maintained Operating Systems and Technologies are now detailed in a [maintained platform matrix](#)

Required Utilities and Components

Component	Required Utilities and Components
Database Server	Microsoft SQL Server 2012 SP3 or above – all editions Microsoft SQL Server 2014 SP1 or above – all editions Microsoft SQL Server 2016 or above – all editions
Management Server	Microsoft Windows Installer 5.0 .NET Framework 4.6.1 Web Server (IIS) Common HTTP Features Default Document Directory Browsing HTTP Errors Static Content HTTP Redirection Health and Diagnostics HTTP Logging Logging Tools Request Monitor Tracing Performance Static Content Compression Dynamic Content Compression Security Request Filtering Basic Authentication IP and Domain Restrictions Windows Authentication Application Development .NET Extensibility 4.6 ASP.NET 4.6 ISAPI Extensions ISAPI Filters Management Tools IIS Management Console IIS Management Scripts and Tools IIS 6 Metabase Compatibility .NET Framework 4.6.1 Features

Component	Required Utilities and Components
	.NET Framework 4.6.1 ASP.NET 4.6 WCF Services HTTP Activation TCP Port Sharing Background Intelligent Transfer Service (BITS) IIS Server Extension Remote Server Administration Tools BITS Server Extension Tools Windows PowerShell 3.0 or above Microsoft Core XML Services (MSXML) 6.0 Microsoft Visual C++ 2015 Redistributable Package Update 3
Management Console	Microsoft Windows Installer 5.0 Microsoft .NET Framework 4.6.1 Microsoft Visual C++ 2015 Redistributable Package Update 3
Deployment Agent (CCA)	Microsoft Windows Installer 5.0 Microsoft Core XML Services (MSXML) 6.0 Microsoft Visual C++ 2015 Redistributable Package Update 3