Environment Manager Policy 2018.3
Release Notes

Components in this Release

Component	Version
Agent	10.2.390.0
Console	10.2.390.0

Important Upgrade Information

This Upgrade section contains important functionality changes that have been introduced in Environment Manager v10.0 and above. Any information that is new to this release is specifically listed as Environment Manager 2018.3.

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

Windows Client

Support for Windows XP, Windows Vista, and Windows Server 2008 has been deprecated for the Environment

Manager Agent, therefore the Environment Manager 10.x Agent now requires Windows 7 SP1 or above and Windows Server 2008 R2 SP1 or above. Microsoft extended support for Windows XP ended on 8 April 2014, mainstream support for Windows Vista ended on 10 April 2012.

In addition, both Windows 7 SP1 and Windows Server 2008 R2 SP1 must be updated to support SHA-256.

> **Note**
>
> For details of Windows 7 SP1 and Windows Server 2008 R2 SHA-256 requirements, please refer to the following community article.

Product Licensing

Environment Manager 10.x requires a v2 product license key and this key must be deployed to all endpoints to which the EM v10.x Agent is deployed. The new license key can be installed alongside the existing 8.x license key and should be deployed at the same time or before the EM Agent is deployed. The new license key is deployable via Management Center 10.x and is available from Ivanti Licensing Support.

Further information on Licensing queries is available via the following community article.

New Features

Enhanced encryption to "Run As" and "Connect As" functionality

In this release the Environment Manager (EM) "Run As" and "Connect As" capabilities for Policy Actions has been subject to a major overhaul. We have introduced a new method for passing credentials to the endpoint agent for "Run As" and "Connect As" Drive Mapping operations.

Actions in Environment Manager have the option of being run in the context of: (1) the currently logged-on user, (2) the SYSTEM account, or (3) a specific account which requires that the user of the EM console supply the password for that account and store the credentials with a Friendly Name. If your EM actions only use SYSTEM or Current User options, then you have nothing to change.

However, if you use specific accounts to perform those operations,in EM 2018.3 the method used to encrypt and decrypt the password in the .aemp file now uses a public key and private key pair that you will need to generate and distribute. The private key must be available on all endpoints that need to decrypt the password.

The public key is used in the console by the administrator to encrypt the password.

Integration with Ivanti Automation

Environment Manager 2018.3 introduces integration with Ivanti Automation allowing routine and complex tasks to be run from within an Environment Manager Policy Action. This integration brings together the power of Ivanti Automation and the Environment Manager Policy engine to allow the automated management of tasks, allowing IT time to focus on the higher-impact projects required to support the business.

This works by specifying connection details to an Automation Dispatcher along with a specified user under the context automation tasks will be run. This enables the EM Console to query Ivanti Automation for available automation projects, modules or individual tasks and assign them as Policy Actions under any Logon | Pre-Desktop, Logon | Desktop Created or Process Started Trigger.

OneDrive Cache Roaming for Virtual Sessions

In Environment Manager 10.1 FR4 we introduced the ability to roam the cache of applications such as Microsoft Outlook between virtual sessions. Cache Roaming attaches a container to the user's virtual desktop or session during logon that persists application caches between sessions.

This release see's this feature extended to allow a user's OneDrive cache to be roamed between sessions too, providing further benefits to those organizations making use of Office 365.

Concurrent User Access for Office 365 VHD Containers

It is common for a user within a virtual Windows environment (Citrix, VMware, Microsoft) to have two sessions running at the same time. A common scenario is a user accessing Outlook from multiple virtual sessions.

In Environment Manager 2018.3 it is now possible to use the existing cache roaming feature to provide users with access to their cache when working across multiple virtual sessions, further enhancing the Office 365 user experience.

Bugs Fixed

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

Problem ID	Title
65785	VHD cannot be re-attached as file is owned by original machine account
65804	VHD - User & Administrator no permissions on user's folder

Known Issues and Limitations

The known issues and limitations are now detailed on community.ivanti.com.

Supported Operating System and Technologies

The maintained Operating Systems and Technologies are now detailed in a maintained platform matrix.

Required Utilities and Components

> **Note**
>
> For details of Windows 7 SP1 and Windows Server 2008 R2 SHA-256 requirements, please refer to the following community article.

Component	Required Utilities and Components
Console	Microsoft Windows Installer 5.0
	Microsoft .NET Framework 4.6.1
Client	Microsoft Windows Installer 5.0
	XML Lite 1.0.1018.0
	Microsoft Core XML Services (MSXML) 6.0
	Microsoft Visual C++ 2015 Redistributable Package Update 3

Further Help and Information

Information about installing, configuring, and using Environment Manager is available from the product help.