

Ivanti Endpoint Security 8.5 Update 2

Release Notes

Release Notes

We're pleased to announce the release of Ivanti Endpoint Security (IES) 8.5 Update 2. Read these notes to find out what we've changed and what we've fixed.

End of Life Notice

Note that EMSS 8.2 went into Self Service on 04/Mar/2018. Any customers on 8.2 or earlier releases should upgrade now to a supported release.

Product Updates

Xtraction connector

Ivanti Xtraction is a selfservice, real-time reporting and dashboard solution that helps you meet your IT business intelligence needs with less effort. An Xtraction connector is now available for Ivanti Endpoint Security and is compatible with IES version 8.3 and later. For more information, refer to <https://www.ivanti.com/products/xtraction>.

Essential OS Maintenance

To maintain security and compatibility with more recent systems, we've updated Ivanti Endpoint Security to use .NET framework version 4.6 and this version is now a pre-requisite for IES installs. On both upgrades and new installs, IES will automatically check for and install the 4.6 version if it is not already installed. Note, however, that pre-requisites may need to be installed on some operating systems before IES can install .NET framework version 4.6.

We've also removed agent support for Windows Vista and Windows Server 2008 as these operating systems are now end-of-life. This means that the 8.5U2 IES agent cannot be installed on these systems. If these systems already have an 8.5U1 or earlier agent installed, they can still be connected to an IES server running 8.5U2.

Note also that this change relates to agent support only. IES server installs and upgrades can still be installed on Windows Server 2008 SP2. Refer to the Ivanti Endpoint Security System Requirements guide which is located at <https://help.ivanti.com> for more detailed information.

Agent component updates

We've updated our AntiVirus module to use version 3.0.0.144 of the antimalware SDK from Bitdefender which addresses a number of bugs in internal libraries.

We've updated the Device Control module to use the Ivanti Device Control 5.1 Update 1 agent which addresses a number of bugs.

Windows 10 version support

We've added support for Windows 10 version 1709 (OS build 15254 / "Fall Creators Update").

Windows 10 version 1803 ("Spring Creators Update") was not released in time to test its compatibility with 8.5 U2. However, we plan to test it once it is released and will update these release notes to confirm whether it will be supported on 8.5 U2 or not.

Refer to the following community article for details of Windows version support with Ivanti Endpoint Security <https://community.ivanti.com/docs/DOC-62153>.

Bugs Fixed

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

Core

Problem ID	Title
272752	Distribution Service unable to register EMSS Server with error: Register Agent Returned: Registration failed. Account agent credentials missing
234811	Heat Event Log receiving errors for "An unexpected error occurred while executing stored procedure "spSys_ValidateEndPointModulePolicies"
234788	Security Vulnerability - Nexpose 7: MissingHttpOnlyFlagFromCookie(http-cookie-http-only-flag) -- ErrorMessage/CustomError.aspx
234777	Adding an email address with a " - " in the domain name is blocked on the Email Notification section in the Log Query wizard
281658	Create new group error when creating group under Manage > Groups > Create new group
213159	Errors thrown in event log when UriConnectionStatus.xml is empty
47277	Server hung due to a lot of Endpoint UI (epui.exe) processes created

Patch

Problem ID	Title
288232	Report Replication Completed with invalid checksums.
213277	"Patch/ Content" replication returned "SendReceive did not return a response from the GSS" error.
213206	Patch/Content fails on first attempt then completes on second or third attempt
234849	Security Vulnerability -- Create admin user by injecting code into vbs scripts dropped during DAU
250236	Windows Defender patches do not show applicable for 8.5 endpoints
212867	FastPath "fallback" logic is malfunctioning. Agent switches to fallback (EMSS server) when proxy is up. This is should only happen when the proxy is unreachable.
234855	8.5 U1- Page jumps up to column header when selecting or de-selecting a checkbox in Manage > Deployments and Tasks
213299	All critical packages are downloaded even when Auto-Download New Critical Patches is disabled
234797	Options button with no purpose on Mandatory Baseline view on Groups

Problem ID	Title
212822	LM.Detection Delta Scan - Windows Defender patches still show as Not-Patched after a successful deployment
213361	DAU scans run continuously
272908	Cleanup job caches packages that were purged by ContentCleaner and have a deployment

Application Control

Problem ID	Title
234747	Security Vulnerability - AC not blocking renamed network files.
241756	BSOD on Trusted.sys, possibly due to a lot of Trusted Updaters
213027	Files with the same hashes are allowed, denied then allowed again
213141	Slow boot times after installing 8.5 U1 Agent with AC module

Device Control

Problem ID	Title
254292	SCOMC service stops after inserting USB type C Dock, causing Network Printing errors
213250	Incorrect Policy processing for multiple sticks of the same model of USB storage device.
213221	EMSS 8.4 and latest Citrix 7.11+ - generic device redirection does not work
234851	EMSS Agent not processing DC Device-Attached event properly
234682	Filename shadowing events displaying incorrect File Size values (0 Bytes)

AntiVirus

Problem ID	Title
234789	Unable to delete from Manage > Centralized Quarantine
270846	Handle boost exception on a second request of a file marked for deletion

Known Issues and Limitations

Ivanti Endpoint Security contains the following known limitations

Description
Internal server error appears when user tries to remove all endpoints from a group on Manage -> Groups page. This issue only occurs on a Win 2008 SP2 server.
Workaround: Select a smaller number of endpoints to remove.

How do I obtain 8.5 Update 2?

New Server Installs	Download the installer from the Ivanti Community Downloads page
Existing Installs (Upgrades)	Within the Ivanti Endpoint Security console, replicate with the Global Subscription Service. Then download the 8.5 Update 2 components using Installation Manager.

How do I install the 8.5 Update 2 Server?

New Server Install	For new server installs, launch the installer you downloaded from the Ivanti Community.
Existing Server Upgrades	<ol style="list-style-type: none"> 1. Open the Ivanti Endpoint Security console. 2. From the toolbar, select Tools > Launch Installation Manager. 3. Upgrade the manager when prompted. 4. Select the New/Update Components tab. 5. Choose 8.5 Update 2 (8.5.0.30) and begin the upgrade.

How do I install the 8.5 Update 2 Agent?

New Agent Installs	<ol style="list-style-type: none"> 1. Log on to your endpoint. 2. Open the Ivanti Endpoint Security console and select Tools > Download Agent Installer. 3. Select agent version 8.5.0.30 and run the installer.
Existing Agent Upgrades	<ol style="list-style-type: none"> 1. Open the Ivanti Endpoint Security console and select Manage > Endpoints from the navigation menu. 2. Select endpoints to upgrade and click the Agent Versions button on the toolbar. 3. From the toolbar, select Tools > Launch Installation Manager. 4. Apply the most recent version of the agent to your endpoints and click OK.

How do I determine if my upgrade was successful?

Server	From the Ivanti Endpoint Security console, navigate to Help > About . Successful upgrades will display a Server Suite Version of 8.5.0.30.
Agent	From the Ivanti Endpoint Security console, navigate to Manage > Endpoints . Successful agent upgrades will display a version of 8.5.0.30.

Supported Operating System and Technologies

The following section reflects only the changes in the 8.5 U2 release. For more detailed information, refer to the Ivanti Endpoint Security System Requirements guide, which is located at <https://help.ivanti.com>.

.NET Framework Requirements

Ivanti Endpoint Security requires installation of .NET Framework 4.6.

Required .NET Framework Version	Operating System Family
<p>Microsoft .NET Framework 4.6</p> <p><i>Note: Ivanti Endpoint Security provides the .NET Framework 4.6 installer during installation or upgrade (reboot required). However, pre-requisites may need to be installed on some Operating Systems prior to this.</i></p>	<ul style="list-style-type: none"> • Microsoft Windows Server 2008 R2 SP1 • Microsoft Windows Server 2008 SP2 • Microsoft Windows Server 2012 • Microsoft Windows Server 2012 R2 • Microsoft Windows Server 2016

Supported Windows Operating Systems (Agent Installs)

Component	Required Utilities and Components
<p>Windows 10 (32- and 64-bit)</p> <p>For specific Windows 10 version support refer to the following articles: Ivanti Endpoint Security Windows 10 Version Support Matrix Microsoft Support Windows Lifecycle Fact Sheet</p>	<ul style="list-style-type: none"> • Education • Education N • Enterprise • Enterprise N • Enterprise 2015 Long Term Servicing Branch (LTSB) • Enterprise N 2015 LTSB • Professional • Professional N
<p>Windows 8.1 (32- and 64-bit)</p>	<ul style="list-style-type: none"> • Enterprise • Enterprise N • Professional • Professional N
<p>Windows Embedded 8.1 (32- and 64-bit)</p>	<ul style="list-style-type: none"> • Industry Pro • Industry Enterprise

Component	Required Utilities and Components
Windows 7 SP1 (32- and 64-bit)	<ul style="list-style-type: none">• Professional• Enterprise• Ultimate
Windows Server 2016 (32- and 64-bit)	<ul style="list-style-type: none">• Standard• Datacenter• Essentials
Windows Server 2012 R2 (32- and 64-bit)	<ul style="list-style-type: none">• Standard• Datacenter• Foundation• Essentials
Windows Server 2012 (32- and 64-bit)	<ul style="list-style-type: none">• Standard• Datacenter• Foundation• Essentials
Windows Storage Server 2012 (32- and 64-bit)	<ul style="list-style-type: none">• Standard• Workgroup
Windows Server 2008 R2 SP1 (32- and 64-bit)	<ul style="list-style-type: none">• Enterprise• Standard• Web