



ivanti
Endpoint Security

Release Notes
2022.2

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Contents

What's New in Endpoint Security 2022.2	4
End of Life Notice	4
Enhancements and Improvements	4
Previous Versions	7
What's New in Endpoint Security 2022.1	8
Bugs Fixed in Endpoint Security 2022.2	10
Previous Versions	11
Bugs Fixed in Endpoint Security 2022.1	12
Additional information	13
About Ivanti Endpoint Security 2022.2 (8.6.0.50)	13
Documentation	15

What's New in Endpoint Security 2022.2

End of Life Notice

Note that Ivanti Endpoint Security 8.5 Update 4 and earlier versions are now in self-support. Any customers on 8.5 Update 4 (8.5.0.50) or earlier versions should upgrade now to a supported release. For more information, refer to the [Ivanti Endpoint Security Lifecycle policy](#).

Enhancements and Improvements

REST API Updates

We've made some significant additions to the set of REST APIs available for Ivanti Endpoint Security. Version 2.0 of the REST API Framework adds a number of APIs focused on Patch Automation and Policy Export scenarios, including the following:

- Initiate DAU Scan via REST API
- Add selected patches to a Custom Patch List via REST API
- Create patch deployment using Custom Patch List via REST API
- Retrieve deployment summary information via REST API
- Retrieve deployment details information via REST API
- Add patches to Mandatory Baseline via REST API
- Remove patches from Mandatory Baseline via REST API
- Discover Assets and Install Agents via REST API
- Discover Assets and Uninstall Agents via REST API
- Export Agent Policies via REST API
- Import Agent Policies via REST API
- Export Application Control Policies via REST API
- Import Application Control Policies via REST API

With all of these additional capabilities, we've also enhanced the security capabilities around the API calls to ensure that these calls can only be initiated by authorized parties. For more details, refer to the [REST API Getting Started Guide](#).

Log Enhancements

Improved audit logging is one of the top requests submitted via [Ivanti Ideas](#). In this release we've enhanced our audit logs to include the following information:

- Add patch deployment details to the logs
- Add patch deployment changes (edit/delete) to the logs
- Add user creation details to the logs
- Add user role changes to the logs
- Add user password change attempts to the logs

Package Editor Support

The Package Editor has been a feature of Ivanti Endpoint Security for many years and is used by many customers to create custom packages. Packages can run tasks, scripts, install software applications, send files to a specified location, and change the configuration of an application or service. However, the Package Editor requires Internet Explorer to edit or create packages. As Internet Explorer is now end-of-life, customers can continue to use the Package Editor using the Microsoft Edge Browser running in Internet Explorer mode.

As part of the investigation and testing for this feature, we have also addressed a bug whereby package uploads were failing in certain circumstances, with the result that it wasn't possible to create new packages via the Package Editor.

Security Updates

We've updated the following components to improve the overall security posture of the product.

- OpenSSL library updated from 1.1.1l to 1.1.1n
- Libexpat libraries updated from 2.2.10 to 2.4.4

We've also updated our TLS 1.2 implementation to remove weaker ciphers. These weaker ciphers weren't being used but their presence was being detected and flagged by vulnerability management solutions, so this update will address that issue.

EULA Update

The 2022.2 release has been updated to adopt the latest version (03.22) of the Ivanti End User License Agreement (EULA).

Previous Versions

The following section covers the new features, enhancements, improvements or compatibility updates introduced in previous versions of Endpoint Security.

Previous versions of Endpoint Security 2022

["What's New in Endpoint Security 2022.1" on the next page](#)

Endpoint Security 8.6.x

[Endpoint Security 8.6 Update 2](#)

[Endpoint Security 8.6 Update 1](#)

[Endpoint Security 8.6](#)

What's New in Endpoint Security 2022.1

End of Life Notice

Note that Ivanti Endpoint Security 8.5 Update 3 and earlier versions are now in self-support. Any customers on 8.5 Update 3 (8.5.0.40) or earlier versions should upgrade now to a supported release.

Enhancements and Improvements

AntiVirus SDK updated to resolve a compatibility issue on Windows 11 systems with HVCI option enabled

We have updated the Antivirus SDK from version 3.0.1.280 to 3.0.1.283 to address an issue with the installation of the AV drivers on systems that run Windows 11 with HVCI (Hypervisor-protected Code Integrity) option enabled, where the drivers may end up in an unresponsive state unless a reboot is performed.

OS Support Updates

Windows 11 was released on October 5th, 2021, and is supported for Patch & Remediation, Application Control and AntiVirus modules on the 8.6 U2 release (8.6.0.30).

With the release of 8.6.0.40, Windows 11 is now also supported for the Device Control module.

Security Updates

We've updated the OpenSSL library from 1.1.1h to 1.1.1l to improve the overall security posture of the product.

- OpenSSL library updated from 1.1.1h to 1.1.1l
- 7-zip updated from version 9.20 to version 19.0.0.0 on the IES agent

Customers should upgrade their Ivanti Endpoint Security installations to 8.6.0.40 to benefit from these security improvements.

Ivanti Neurons for Patch Management

Ivanti has released Ivanti Neurons for Patch Management, a cloud-native patch management solution, that helps organizations better protect against threats, including ransomware, by arming them with actionable intelligence on active risk exposure, patch reliability and device compliance, health and risk.

Ivanti Neurons for Patch Management delivers a single pane of glass experience that provides visibility into the devices that it manages in the cloud alongside those managed via on-prem Ivanti patch management solutions. This enables existing Ivanti Endpoint Security customers to transition from on-premises to cloud patch management at their own pace instead of being forced into a “rip and replace” approach.

Additionally, existing Ivanti Neurons customers can expand their cloud-native capabilities to include Ivanti Neurons for Patch Management to evolve their vulnerability remediation strategy to a risk-based approach.

Learn more about this new offering from Ivanti on the [Ivanti Neurons for Patch Management product page](#).

Bugs Fixed in Endpoint Security 2022.2

The following issues were resolved in this release:

Problem ID	Title
78295	IES – Package Editor – package upload failed on server

Previous Versions

The following section covers the customer support items resolved in previous versions of Endpoint Security.

Previous versions of Endpoint Security 2022

["Bugs Fixed in Endpoint Security 2022.1" on the next page](#)

Endpoint Security 8.6.x

[Endpoint Security 8.6 Update 2](#)

[Endpoint Security 8.6 Update 1](#)

[Endpoint Security 8.6](#)

Bugs Fixed in Endpoint Security 2022.1

The following issues were resolved in release 2022.1:

Problem ID	Title
75018	<code>Helperservice.exe</code> needs to be digitally signed so that customers can verify that it is legitimate when they see it executing on their endpoints.
75021	Invalid AV file file/path exclusions are accepted when creating an AntiVirus policy.
75783	Endpoints from Source Groups are automatically added to a Group when directly adding other Endpoints, causing the total count of assigned endpoints to be incorrect.
77974	Upgraded the version of 7-zip in the IES agent to a more secure version. 7-zip updated from version 9.20 to version 19.0.0.0.
88093	Resolved issue with web console stability/performance following failed Device Control password recovery attempt

Additional information

About Ivanti Endpoint Security 2022.2 (8.6.0.50)

How do I obtain Endpoint Security 2022.2 (8.6.0.50)?

- **New installations**

Download the installer from the [Ivanti Community Downloads page](#).

- **Existing installations (upgrades)**

Within the Endpoint Security console, replicate with the **Global Subscription Service**. Then download the 8.6.0.50 components using Installation Manager.

How do I install the Endpoint Security 2022.2 (8.6.0.50) Server?

- **New server installations**

Launch the installer you downloaded from the [Ivanti Community Downloads page](#).

- **Existing server installations (upgrades)**

1. Open the 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 2022.2 (8.6.0.50) and begin the upgrade.

How do I install the Endpoint Security 2022.2 (8.6.0.50) Agent?

- **New agent installations**

1. Log on to your endpoint.
2. Open the Endpoint Security console.
3. From the toolbar, select **Tools > Download Agent Installer**.
4. Select agent version 8.6.0.50
5. Run the installer.

- **Existing agent installations (upgrades)**

1. Open the Endpoint Security console.
2. From the navigation menu, select **Manage > Endpoints**.
3. Select endpoints to upgrade and click **Agent Versions** on the toolbar.
4. From the toolbar, select **Tools > Launch Installation Manager**.
5. 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 Endpoint Security console, navigate to **Help > About**.
Successful upgrades will display **Server Suite Version** as 8.6.0.50.

- **Agent**

From the Endpoint Security console, navigate to **Manage > Endpoints**.
Successful agent upgrades will display the **Version** as 8.6.0.50.

Documentation

Compatibility Matrix

Supported operating systems, languages and more are detailed in the [System Requirements](#).

Further Help and Information

More information about installing, configuring, and using Endpoint Security is available from help.ivanti.com.