Release Notes for Cisco Edge Intelligence, Release 2.2.0

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Cisco Edge Intelligence, Release 2.2.0

Edge Intelligence 2.2.0 introduces powerful new features designed to enhance data integration, connectivity, and flexibility for industrial and enterprise environments. With the addition of Splunk as a destination, users can now seamlessly connect their Cisco Edge Intelligence agents to Splunk, enabling real-time data visualization and advanced analytics within the Splunk platform. Furthermore, this release brings support for HTTP and HTTPS protocols in data logic scripts, allowing for secure and versatile data transmission within pipeline configurations.

Cisco Edge Intelligence requires a Network Advantage license.

New software features

This section provides a brief description of the new software features introduced in Cisco Edge Intelligence in this release.

Table 1. New software features for Cisco Edge Intelligence, Release 2.2.0

Product Impact	Feature	Description
Ease of Use	Add Splunk as a destination	Add Splunk as a data destination in a pipeline configuration to easily connect your Cisco Edge Intelligence agent with Splunk and visualize your data in Splunk.
Ease of Use	HTTP and HTTPS support in data logic scripts	HTTP and HTTPS protocols are supported in data logic scripts in pipeline configurations. If the default ports (80 for HTTP and 443 for HTTPS) are in use, Cisco Edge Intelligence will automatically detect and configure the ports accordingly.
Ease of Use	Get a device's asset serial number from global device context	Cisco Edge Intelligence data logic scripts now offer enhanced flexibility for accessing device-specific attributes. You can retrieve asset serial number directly from the global device context using the on_update() function.

Resolved issues

This table lists the resolved issues in this specific software release.

Note: This software release may contain bug fixes first introduced in other releases. To see additional information, click the bug ID to access the Cisco Bug Search Tool.

Table 2. Resolved issues for Cisco Edge Intelligence, Release 2.2.0

Bug ID	Description
CSCwk33090	MQTT connection lost with MQTT broker with logs unexpected disconnect, rc = 14

Open issues

There are no open issues in this specific software release.

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Known issues

This table lists the limitations for this release.

Table 3. Known issues for Cisco Edge Intelligence, Release 2.2.0

Bug ID	Description
NA	Any pipelines configured and deployed using Cisco Edge Intelligence Release 1.0 are visible and accessible through the Cisco Edge Intelligence Release 2.x.x GUI. However, the converse is not supported. You cannot view or access Cisco Edge Intelligence Release 2.x.x pipelines using the 1.x.x release.
NA	The following connectors that were available in Cisco Edge Intelligence Release 1.0 are not supported in Release 2.x.x: • Southbound connectors: EtherNet/IP (Ethernet Industrial Protocol or EIP) and Common Industrial Protocol (CIP) are not supported. • Northbound connectors: Cumulocity is not supported.
NA	Northbound connectors: Cumulocity is not supported.
NA	Bulk deployment of pipelines is not supported through the GUI. You can use APIs or command line solutions for bulk deployment.
NA	You cannot save or verify asset configurations while creating a pipeline.
NA	You cannot enable or disable verbose logging for connectors.
NA	You cannot download log files.

Compatibility

Supported network devices

Table 4. Compatibility information for Cisco Edge Intelligence

Product	Supported Release
Cisco 829 Industrial Integrated Services Routers (Cisco IR829)	NA
Cisco Catalyst IR1101 Rugged Series Routers	NA
Cisco Catalyst IR1800 Rugged Series Routers	NA
Cisco Catalyst IE3400 Rugged Series Switches	NA
Cisco Catalyst IE3500 Rugged Series Switches	NA
Cisco IC3000 Industrial Compute Gateway	NA

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Supported browsers

Product	Supported Release
Google Chrome	127 and later
Microsoft Edge	127 and later
Safari	17 and later

Supported software packages

This section provides information about the release packages associated with Cisco Edge Intelligence

Table 5. Software packages for Cisco Edge Intelligence Center

Software Package	Description	Release
ei_2.2.0_ic3k.K9.tar	Edge Intelligence for Cisco IC3000 Industrial Compute Gateway devices	2.2.0
ei_2.2.0_ie3xxx.K9.tar	Edge Intelligence for Cisco Catalyst IE3400 Rugged Series devices	2.2.0
ei_2.2.0_ir1101.K9.tar	Edge Intelligence for Cisco Catalyst IR1101 Rugged Series routers	2.2.0
ei_2.2.0_ir183x.K9.tar	Edge Intelligence for Catalyst IR1800 Rugged Series routers	2.2.0
ei_2.2.0_ir8x9.K9.tar	Edge Intelligence for Cisco 829 Industrial Integrated Services routers (Cisco IR829)	2.2.0
ei_2.2.0_sdwan_ir1101.K9.tar	Edge Intelligence for Cisco Catalyst IR1101 Rugged Series Routers devices, deployed using Cisco SD-WAN Manager	2.2.0
ei_2.2.0_sdwan_ir183x.K9.tar	Edge Intelligence for Cisco Catalyst IR183X devices, , deployed using Cisco SD-WAN Manager	2.2.0

Related resources

Cisco Edge Intelligence User Guide, Release 2.2.0.

Cisco Edge Intelligence API Guide.

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