Release Notes for Cisco IC3000 Industrial Compute Gateway

The following release notes support the Cisco IC3000. These release notes are updated to describe new features, limitations, troubleshooting, recommended configurations, caveats, and provide information on how to obtain support and documentation.

Contents

This publication consists of the following sections:

Image Information

Note: You must have a Cisco.com account to download the software.

Cisco IC3000 operates on the following Cisco images:

- IC3000-K9-1.0.1.SPA

- IoX version 1.7

- FND version 4.3

Software Downloads

The latest image file for the IC3000 is:

https://software.cisco.com/download/

Related Documentation

The following documentation is available:

- All of the Cisco IC3000 documentation can be found here:

https://www.cisco.com/c/en/us/support/routers/3000-series-industrial-compute-gateways/tsd-products-support-series-home.html

- IoT Field Network Director

  https://www.cisco.com/c/en/us/support/cloud-systems-management/iot-field-network-director/tsd-products-support-series-home.html

- Cisco IOx Documentation is found here:

  https://www.cisco.com/c/en/us/support/cloud-systems-management/iox/tsd-products-support-series-home.html

- Cisco IOx Developer information is found here:

  https://developer.cisco.com/docs/iox/

Product Notes

- By default, NAT networking mode will be enabled on the IC3000.

- **Note**: The following password rules must be adhered to:

  - Minimum length = 6

  - Must not be based upon a dictionary word

  - Must not be a combination of dictionary words

  - Must not be composed of common string patterns like "qwerty", "asdfgh" etc...

  - Must not be a combination of common string patterns and dictionary words

  - Currently not supporting Unicode

Known Limitations

- Alarm output on the IC3000 is not supported at this time.

- Rebooting the IC3000 through the local manager device configuration UI is not supported at this time.

- Application management traffic needs to be separated from the application traffic when an IC3000 operates in standalone mode, and is not managed by FND. Make sure to connect applications to the data ports that are not used for local manager access.

Caveats

Caveats describe unexpected behavior in Cisco IOS releases. Caveats listed as open in a prior release are carried forward to the next release as either open or resolved.

Caveats listed below are related to the IC3000 and do not include Field Network Director or IOx.

FND release notes are found here:

https://www.cisco.com/c/en/us/td/docs/routers/connectedgrid/iot_fnd/release_notes/4_3/rn-iot-fnd-4-3.html

IOx release notes are found here:

https://www.cisco.com/c/en/us/td/docs/routers/access/800/software/guides/iox/release-notes/iox170rn.html

Note: You must have a Cisco.com account to log in and access the Cisco Bug Search Tool. If you do not have one, you can register for an account.

For more information about the Cisco Bug Search Tool, see the Bug Search Tool Help & FAQ.

Open Caveats

- **CSCvm19613**

    NTP option 42 doesn't synchronize the IC3000 in certain cases.

    Symptoms: Option 42 provides the NTP server details, but the clock sync does not happen all the time. When the NTP server clock is shifted right or left the host device receives the clock but never updates the clock.

    Workaround: If the clock times are not in sync for any reason, rebooting the box should work for the IC3000 to get in sync.

- **CSCvm20212**

    If interfaces int1 and int2 are dhcp enabled, disabling dhcp on one interface flushes the IP and route on the other interface.

    Workaround: There is no workaround.

- **CSCvm07678**

    When GLC-FE-100FX-RGD or GLC-FE-100LX-RGD SFPs are used for the fiber ports, the LEDs for the corresponding ports are always AMBER.

    Workaround: There is no workaround.

- **CSCvm19255**

    Upon receiving an FND change password notification, FD has to re-discover the device using new CAF token

    Workaround: Wait until FD deletes the existing token and generates the new token with the new password on CAF.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see What's New in Cisco Product Documentation at: http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html.

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