Cisco Telemetry Broker

Release Notes 1.1.2

Table of Contents

Introduction

Cisco Telemetry Broker v1.1.2 is a feature release that includes both new features and bug fixes.

Upgrade Your Cisco Telemetry Broker Deployment

The Software Update page in your Cisco Telemetry Broker manager web interface shows the current Cisco Telemetry Broker version of your manager node and broker nodes, and it allows you to upgrade to the current released version.

The update upgrades your manager and all of your managed broker nodes to the newest version. Before performing the update, we recommend that you take a VM snapshot of your Cisco Telemetry Broker VMs. You can use this snapshot to revert to the current state in case you receive an unexpected error.

The system is unresponsive during update, and updates your manager first, then the broker nodes. While your manager updates, you may not see the proper state of your Cisco Telemetry Broker deployment. While your broker nodes update, they may not properly pass sent traffic to destinations.

Download the Update File

1. Go to [Cisco Software Central](#).

2. In the Download and Upgrade section, choose **Access Download**.

3. Type **Cisco Telemetry Broker** in the search field.

4. Choose the **Manager Node Software**.

5. Download the CTB Update Bundle file: **ctb-update-bundle-v1.1.2-0-gd31c1ee.tar**

Upload the Update File

1. In the Cisco Telemetry Broker manager, click the **(Settings)** icon.

   The Application Settings page opens.

2. Click the **Software Update** tab.

3. In the upper right corner of the page, click **Upload an Update File**.

4. Choose the file you downloaded.

   You may need to wait several minutes for the upload to finish, based on the time estimates displayed. After the file is uploaded, you will receive a message informing you that a software update is now available.

5. Click **Update Cisco Telemetry Broker**.

    You will not be able to navigate within Cisco Telemetry Broker while the Manager node is updated to the latest version. The update process takes about 10 minutes.

6. When the update has completed, you will be prompted to log back in to Cisco Telemetry Broker.

    A loading indicator will appear next to each broker node that is being updated.

What's New

Version 1.1.2

- **Azure NSG Flow Logs to IPFIX Transformation** You can now transform Azure NSG Flow Logs into IPFIX and then send this information to Cisco Telemetry Broker destinations.

- **KVM Deployment** Cisco Telemetry Broker images are now distributed as qcow2 image files for deployment into a KVM hypervisor.

- **Smart Licensing Features** We've added support for smart licensing registration renewal, authorization renewal, force re-registration, and transport gateway connections through the use of an on-prem Smart Software Manager.

> ℹ Cisco Telemetry Broker requires Smart Software Manager version 8-202010 or higher.

- **Syslog Notifications** Cisco Telemetry Broker will now send notifications to the customer's syslog server for alerts that are occurring inside your system. Previously we have supported alerts that indicate the node dropping packets, the node not sending data, and the destination being unreachable.

- **Telemetry Classification** You can now classify incoming UDP telemetry based on pre-defined types inside Cisco Telemetry Broker (e.g., Netflow V9, IPFIX, Syslog) and display the classification on the user interface (UI).

What's Been Fixed

This section summarizes fixes made in Cisco Telemetry Broker.

Version 1.0.2

Description
Fixed an issue where the data retention job for metrics was not cleaning up all data, which can result in the manager's disk filling up.
Added extra validation to CTB upgrade processing to ensure untrusted files are never processed.
Added more diagnostic reports to CTB mayday packs to assist with debugging.
Patched third party libraries to bring in security fixes.

Version 1.0.3

CDETS ID	Description
CSCvy44789	Resolved an issue where CTB failed on v5 AWS VPC Flow Log fields. CTB now ignores unsupported fields and does not fail.

Version 1.1.2

No fixes for this release.

Contact Support

If you need technical support, please do one of the following:

Call

- Your local Cisco Partner
- Cisco Stealthwatch Support
    - (U.S.) 1-800-553-2447
    - Worldwide support number:
      https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html

Open a case

- By web: http://www.cisco.com/c/en/us/support/index.html
- By email: tac@cisco.com

Change History

Document Version	Published Date	Description
2_0	July 15, 2021	Initial version.
2_1	March 6, 2023	Added the Change History page and the Release Support Information page.

Release Support Information

Official General Availability (GA) date for Release 1.1.2 is July 15, 2021.

For support timeline information regarding general software maintenance support, patches, general maintenance releases, or other information regarding Cisco Telemetry Broker Release Support lifecycle, please refer to the Cisco Telemetry Broker Software Lifecycle Support Statement.

Copyright Information

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: https://www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)