

Release Notes

Published
2023-11-20

Broadband Edge Event Collection and Visualization 1.0.0

Introduction

Broadband Edge (BBE) Event Collection and Visualization is an event collection application that is meant to operate with Juniper's BBE cloud applications, such as Juniper BNG CUPS Controller and Address Pool Manager (APM).

BBE Event Collection and Visualization collects syslog events and records them in a time-series database. You can view the recorded events through the BBE Event Collection and Visualization Dashboard. The BBE Event Collection and Visualization Dashboard is a GUI-based visualization tool that enables you to view recorded events according to a defined filter, which can be within a specific time range. The Dashboard also provides powerful search and visualization tools through which you can correlate recorded events from multiple sources (for example, from APM or from the Kubernetes cluster).

These release notes accompany BBE Event Collection and Visualization Release 1.0.0. They describe new features, limitations, and known problems.

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Installation

Before you begin installing and running BBE Event Collection and Visualization, make sure you have the following:

- A juniper.net user account with permissions to download the BBE Event Collection and Visualization software package.
- A Linux host (jump host) running Ubuntu 22.04 LTS (or later required) for running the ecav installation. The jump host must have the following:
 - CPU cores—2
 - RAM—8 GB
 - Disk space—128 GB of free disk storage
 - Python 3 virtual environment installed
 - A user login with access to the Kubernetes cluster
 - External access to Docker Hub (docker.io) for pulling open-source container images needed for deploying BBE Event Collection and Visualization.
- The cluster must have at least three worker nodes (either virtual or physical machines). A node is a Linux system running Ubuntu 22.04 LTS (or later) that has a management address and a domain name. The nodes must meet the following system requirements:
 - CPU cores—8 (hyperthreading preferred)
 - RAM—64 GB
 - Disk space—512 GB of free disk storage in the root partition

For information on how to install BBE Event Collection and Visualization, see [Broadband Edge Event Collection and Visualization Installation Guide](#).

New and Changed Features

Broadband Edge Event Collection and Visualization 1.0.0 is the first release.

Open Issues

This section lists the known issues in Broadband Edge (BBE) Event Collection and Visualization 1.0.0.

- The BBE Event Collection and Visualization timestamps granularity is limited to seconds. [PR1770224](#)
- BBE Event Collection and Visualization doesn't configure TLS certificates for Opensearch Dashboards. [PR1770228](#)
- The BBE Event Collection and Visualization HTTPS ingress URL breaks branding artwork. [PR1770264](#)
- The BBE Event Collection and Visualization status shows system as healthy and ready when pods are not yet ready. [PR1771178](#)

Requesting Technical Support

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Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active Juniper Care or Partner Support Services support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <https://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf>.
- Product warranties—For product warranty information, visit <https://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <https://www.juniper.net/customers/support/>
- Search for known bugs: <https://prsearch.juniper.net/>
- Find product documentation: <https://www.juniper.net/documentation/>
- Find solutions and answer questions using our Knowledge Base: <https://supportportal.juniper.net/s/knowledge>
- Download the latest versions of software and review release notes: <https://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://supportportal.juniper.net/s/knowledge>
- Join and participate in the Juniper Networks Community Forum: <https://www.juniper.net/company/communities/>
- Create a service request online: <https://supportportal.juniper.net/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://entitlementsearch.juniper.net/entitlementsearch/>

Creating a Service Request with JTAC

You can create a service request with JTAC on the Web or by telephone.

- Visit <https://support.juniper.net/support/requesting-support/>
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <https://support.juniper.net/support/requesting-support/>.

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