



# Cisco Application Services Engine for the Cisco Application Policy Infrastructure Controller Release Notes, Release 1.1.0

Cisco Application Services Engine provides a common platform for deploying Cisco Data Centre applications. These applications provide real time analytics, visibility and assurance for policy and infrastructure.

This document describes the features, caveats, and limitations for Cisco Application Services Engine app on the Cisco APIC.

[Table 1](#) shows the online change history for this document.

Table 1: Online History Change

Date	Description
Sept 5, 2019	First release becomes available.

## Content

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## New and Changed Information

The following table lists the new software features in this release:

Table 2: New Features for this Release

Feature	Description
Cisco Application Services Engine app	Cisco Application Services Engine app is available for download from the Cisco DC App Center.

## About Cisco Application Services Engine App

Cisco Application Services Engine provides a common platform for deploying Cisco Data Center applications. These applications provide real time analytics, visibility and assurance for policy and infrastructure.

Cisco Data Center apps are resource intensive applications that rely on modern technology stacks. Cisco Application Services Engine is a purpose-built appliance that can host containerized applications on a common platform.

Cisco Application Services Engine is deployed as a cluster of three service nodes. This clustering provides reliability and high-availability software framework.

Service node - The service node is an appliance that is attached to a network and is capable of creating, receiving, or transmitting information over Cisco ACI fabric.

Cluster - Cluster is the set of connected service nodes and the Cisco APIC servers.

- New service nodes can be dynamically added without disrupting services from existing apps.
- Service nodes can be taken out of service for graceful maintenance. Apps can be re-provisioned on other nodes without disrupting service.
- Cisco Application Services Engine has the ability to operate in deprecated mode when less than 3 in-service nodes are present.

## Hardware Requirements

This section describes the hardware requirements for the Cisco Application Services Engine app on the Cisco APIC.

- Use existing APIC cluster (L3/L2).
- Cisco Application Services Engine hardware (SE-CL-L3).

## Verified Scalability Information

All apps such as Cisco Network Insights for Resources (NIR) and Cisco Network Insights Advisor (NIA) can run simultaneously on a three node cluster.

## Compatibility Information

This section lists the compatibility information for the Cisco Application Services Engine app. For Cisco Applications Service Engine compatibility with Day-2 Operations apps, see the [Cisco Day-2 Operations Apps Support Matrix](#).

Table 4: Cisco Application Services Engine Compatibility Information

Product	Version
Cisco APIC Release	4.1
Cisco NIR Release	2.0.2
Cisco NIA Release	1.0.1

## Usage Guidelines and Limitations

This section lists usage guidelines and limitations for the Cisco Application Services Engine app.

- When the service node is not operational, you cannot perform app actions such as uploading, enabling, and disabling of apps hosted on Cisco Application Services Engine.
- You must reboot all three service nodes. A clean reboot of two service nodes is not supported.
- The Cisco Application Services Engine supports uploading an app from remote location over HTTPS. Uploading an app via 'file upload' from user's computer is not supported.
- Only admin privileges are supported for log in and registering the hardware.

## Caveats

This section contains list of open and resolved caveats.

- [Open Caveats](#)
- [Resolved Caveats](#)

## Open Caveats

This section lists the open caveats. Click the bug ID to access the Bug Search tool and see additional information about the caveat. The "Exists In" column of the table specifies the releases in which the caveat exists.

The following table lists the open caveats in this release.

Table 5: Open Caveats in Release 1.1.0

Bug ID	Description	Exists in
<a href="#">CSCvq32881</a>	App upgrade is not supported on service nodes.	1.1.0
<a href="#">CSCvq56679</a>	Decommissioning of one Cisco APIC results in clean reboot service node stuck in "failed to parse infra vlan".	1.1.0
<a href="#">CSCvp68394</a>	Service node is not discovered when "fabric0" or "fabric1" is connected to non-active leaf switch.	1.1.0
<a href="#">CSCvq72219</a>	NTP, DNS, Firmware, DC proxy over inband management is not supported.	1.1.0
<a href="#">CSCvq07882</a>	App's are not displayed in same order all the time. Enabling or disabling an app results in the duplication of the app in Cisco APIC.	1.1.0
<a href="#">CSCvq78982</a>	Occasionally, JWT token is not included in the Cisco Application Services Engine request causing the app to not show on Cisco APIC.	1.1.0
<a href="#">CSCvr01143</a>	Configuring a service node after on-boarding results in an error.	1.1.0
<a href="#">CSCvq97853</a>	Inband IP address change is not updated on service node 2 and service node 3.	1.1.0
<a href="#">CSCvq97624</a>	Unable to ssh to scale node.	1.1.0

## Resolved Caveats

This section lists the resolved caveats.

There are no resolved caveats in this release.

## Related Documentation

The Cisco Service Engine app documentation can be accessed from the following website:

<https://www.cisco.com/c/en/us/support/cloud-systems-management/application-services-engine/tsd-products-support-series-home.html>

The documentation includes installation, upgrade, configuration, programming, and troubleshooting guides, technical references, and release notes, as well as other documentation.

Table 4: Cisco Application Services Engine App for Cisco APIC documentation

Document	Description
Cisco Application Services Engine App for Cisco APIC Release Notes	This document.
Cisco Application Services Engine Application for Cisco APIC User Guide	Describes how to download, install, and set up Cisco Application Services Engine app in Cisco APIC.
Cisco Application Services Engine Hardware Installation Guide	Describes how to install and set up Cisco Application Services Engine hardware.

## Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, send your comments [apic-docfeedback@cisco.com](mailto:apic-docfeedback@cisco.com).

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