

Cisco Secure Agile Exchange Solution Release Notes, Release 1.2.0

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About Cisco SAE

The Cisco® Secure Agile Exchange (SAE) solution enables enterprises to interconnect users to applications quickly and securely by virtualizing the network edge (DMZ) and extending it to colocation centers, the crossroads of Internet traffic. For more information on the SAE solution, see [Cisco Secure Agile Exchange \(SAE\) Solution Guide](#).

Find all the information you need about this SAE release—new features, known behavior, and related information, in this document.



Note Explore [Content Hub](#), the all new portal that offers an enhanced product documentation experience. Content Hub offers the following features to personalize your content experience.

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What's New

- **Support for Physical ASR1002-HX:** This release supports the use of Cisco Aggregation Services Routers (ASR), model ASR1002-HX as a shared endpoint gateway. You can build service chains behind such physical gateways or stitch the gateways to other half chains or gateways. After deployment, the physical gateway works exactly like a virtual gateway. SAE uses Physical Network Function Descriptors (PNFD) to align the deployment workflows of the physical shared gateways and virtual shared gateways.
- **Enhanced NSD:** In the previous SAE releases, the Network Service Descriptor (NSD) was used to define a service in terms of the network functions, VNFs in particular. From this release, with the addition of Cisco ASR1002-HX as a shared endpoint gateway, the NSD will also define the the PNFs in terms of their internal and external connectivity.
- **Support for LiveAction Assurance Software:** LiveAction provides GUI-based management and visibility for simplifying network management. You can use LiveAction Agent to discover VNFs and other devices.

New and Modified Commands

New Commands

The command `sae-site-action-status` has been introduced to show the progress of the various cleanup actions in SAE. The sample output of the new command is shown below.

```
device# show sae-site-action-status
ID  ACTION                               SITE          SERVICE          STATUS  MESSAGE
    ACTION                               SITE          DATE
-----
1   stitching-service-cleanup           sae-site-1   stitch           DONE    Success
                                         2019-04-24T20:57:01.364000+00:00
2   service-chain-cleanup               sae-site-1   CSR-to-ASA-Provider  DONE    Success
                                         2019-04-24T20:58:22.241000+00:00
3   service-chain-cleanup               sae-site-1   CSR-to-ASA        DONE    Success
                                         2019-04-24T20:59:02.673000+00:00
4   endpoint-gateway-vnf-cleanup         sae-site-1   gateway-cnf-1     DONE    Cannot find
endpoint-gateway service with the specified details 2019-04-24T21:24:04.378000+00:00
5   endpoint-gateway-vnf-cleanup         sae-site-1   gateway-vnf-1     DONE    Success
```

Modified Commands

Old Command	Modified Command
<code>request-sae-cleanup</code>	<code>request sae-site-actions cleanup</code>
	Note The command tree underneath remains the same as before.

Related Documentation

- [Cisco Secure Agile Exchange Solution Guide](#)
- [Release Notes Cisco Secure Agile Exchange \(all releases\)](#)
- [Cisco SAE Core Function Pack Installation Guide](#)
- [Cisco SAE Core Function Pack User Guide](#)
- [Cisco Network Services Orchestrator Datasheet](#)
- [Cisco Network Services Orchestrator \(NSO\) Solutions](#)
- [Release Notes for Cisco Elastic Services, Release 4.5](#)
- [Release Notes for Cisco Elastic Services \(all releases\)](#)
- [Cisco Elastic Services Controller User Guides](#)
- [Cisco Elastic Services Controller Install and Upgrade Guide](#)
- [Cisco Cloud Services Platform Release Notes](#)
- [Cisco Cloud Services Platform Datasheet](#)
- [Cisco Cloud Services Platform Configuration Guide](#)
- [Cisco Cloud Services Platform Quick Start Guide](#)

- [Cisco Nexus 9000 Series NX-OS Interfaces Configuration Guide, Release 9.x](#)
- [SAE 1.2 Payloads](#)

Notices and Bulletins

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