Release Notes for the Cisco ASA Device Package Software, Version 1.2(3) for ACI

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This document contains release information for the Cisco ASA Device Package software, Version 1.2(3) for ACI, and includes the following sections:

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Supported ASA Models

The following table lists the supported ASA models.

ASA Model	Software Version
ASA 5500-X (5512 through 5555)	ASA software Version 8.4(x) and later
ASA 5585-X (SSP 10 through SSP 60)	
ASAv	

Supported APIC Versions

Cisco ASA Device Package Software supports only the version of APIC that it is shipped with.

New Features in 1.2(3.4)

We have added support for the following:

- Newly supported NAT commands and options:
  - Source and destination interfaces
  - Interface (including IPv6) for the source and destination mapped address
  - For dynamic NAT, the **pat-pool** command, including the options of *extended*, *include-reserve*, and *round-robin*
- The access control entry **log** command, along with the options of *level*, *interval*, and *disable*
- Both the global and interface **service resetinbound** and **service resetoutbound** commands
- The XML examples in version 1.2(3) are compatible with version 1.2(2).

New Features in 1.2(3.10)

We added support for the following:

- The **dns domain-lookup** command for a service graph interface.
- The **logging host** command for a service graph interface.
- The **monitor-interface** command.
- The **mtu** command.

Important Notes

Pay attention to the following important notes:

- The ASAv does not support multiple context mode.
- ACE with dynamic EPG requires ASA image 9.3.2 or later.

The Policy Manager Lock Ups when an Incomplete BGP XML is Sent

Symptom The Policy Manager crashes when the l3Out that is used for BGP peering for the service appliance has an incomplete configuration (CSCuw03425).

Conditions The l3Out used for BGP peering for the service appliance is missing l3extRsNodeL3OutAtt.

Workaround Make sure that the l3Out contains l3extRsNodeL3OutAtt. This problem will be fixed in a subsequent release.

The following shows the BGP XML example with l3extRsNodeL3OutAtt:

```
<polUni>
    <fvTenant name="tenant1">
        <l3extOut name="StaticExternal">
            <l3extLNodeP name="bLeaf-101">
                <l3extRsNodeL3OutAtt tDn="topology/pod-1/node-101" rtrId="190.0.0.11">
                    <ipRouteP ip="50.50.50.0/24">
                        <ipNexthopP nhAddr="40.40.40.102/32"/>
                    </ipRouteP>
                </l3extRsNodeL3OutAtt>
                <l3extLIfP name="portIf">
                    <l3extRsPathL3OutAtt tDn="topology/pod-1/paths-101/pathep-[eth1/15]" ifInstT="ext-svi"
encap="vlan-3843" addr="40.40.40.100/28" mtu="1500"/>
                </l3extLIfP>
            </l3extLNodeP>
            <l3extInstP name="ExtInstP">
                 <l3extSubnet ip="50.50.50.0/24" scope="export-rtctrl"/>
            </l3extInstP>
            <l3extRsEctx tnFvCtxName="tenant1ctx1"/>
        </l3extOut>
    </fvTenant>
</polUni>
```

Installing the Software

To upgrade, you do not need to remove the previous package if your APIC has the fix for CSCuv4353, which fixed the need to delete the previous package before upgrading. Otherwise, to upgrade from an older version to a newer, you need to remove the old version from APIC first, then install the new version.

To install the ASA Device Package software, see *Cisco ASA Quick Start Guide for APIC Integration, 1.2* for instructions.

Downloading the Software from Cisco.com

If you have a Cisco.com login, you can obtain the ASA Device Package image from the following website:

https://software.cisco.com/download/release.html?i=!y&mdfid=286119613&softwareid=286279676&release=1.2.3.1&os=

Bug Search

If you are a registered Cisco.com user, view more information about each caveat using Bug Search at the following website:

https://tools.cisco.com/bugsearch

Open Caveats in the ASA Device Package Version 1.2(3.10)

The following table contains the open caveats in ASA Device Package Version 1.2(3.10):

Caveat	Description
CSCuw48418	netmasklen notation is not recognized by OSPF process

Resolved Caveats in the ASA Device Package Version 1.2(3)

The following table contains the resolved caveats in ASA Device Package Version 1.2(3):

Caveat	Description
CSCuw03425	APIC PolicyMgr crashes when BGP XML sent
CSCuq16294	Need internal to external NAT support on ASA device package for APIC
CSCuu40212	Extra configuration when changing OSPF Router-ID with active process
CSCuu61412	ASA DevPak - CIDR notation for object group member IPs configuration
CSCuv45153	Remnant sub-interfaces should be cleared due to vlan change

Resolved Caveats in the ASA Device Package Version 1.2(3.10)

The following table contains the resolved caveats in ASA Device Package Version 1.2(3.10):

Caveat	Description
CSCuw34664	Inconsistent ospf network added/removed by asa device package
CSCuw34702	Critical l4-7 fault seen on asa device package after device revalidation
CSCuw51114	ASA health 0 - commands issued in wrong context
CSCuw52086	ACL ordering
CSCuw52200	Service and service group objects don't get created correctly on ASA
CSCuw52966	Same order number used in ACE could cause ACL to be deleted/reconfigured
CSCuw60753	ASA should supress the faults related to serviceModify delete

Resolved Caveats in ASA Device Package Version 1.2(3.11)

The following table contains the resolved caveats in ASA Device Package Version 1.2(3.11):

Caveat	Description
CSCuw63132	DNS lookup param deletion issue

Resolved Caveats in ASA Device Package Version 1.2(3.14)

The following table contains the resolved caveats in ASA Device Package Version 1.2(3.14):

Caveat	Description
CSCuw85977	Management IP config for ASA will be generated with periodic audit

Resolved Caveats in ASA Device Package Version 1.2(3.15)

The following table contains the resolved caveats in ASA Device Package Version 1.2(3.15):

Caveat	Description
CSCux04361	unexpected delete/re-add of access-list
CSCux05685	BMR3: serviceAudit taking ~14 min in Intuit SVS setup

Related Documentation

For additional information about the ASA, see *Navigating the Cisco ASA Series Documentation*.

For additional information about the APIC, see the Cisco Application Centric Infrastructure Security Solution website.

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/c/en/us/td/docs/general/whatsnew/whatsnew.html.

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