



Software Advisory Notice

Dear Cisco Customer,

Cisco has identified the following software issue with the release that you have selected that may affect your use of this software. Review the Software Advisory notice here to determine if the issue applies to your environment. You may proceed to download this software if you have no concerns with the issue described.

For more comprehensive information about what is included in this software, refer to the documentation at the following site:

<https://www.cisco.com/c/en/us/support/cloud-systems-management/application-policy-infrastructure-controller-apic/tsd-products-support-series-home.html>

Affected Software and Replacement Solution for CSCvo45816		
Software Type	Affected Software Versions	Fixed Software Versions
Cisco NX-OS	12.2(3), 12.3(1), 13.2(4), 14.0(1)	13.2(6), 14.1(1), 14.1(2)

Issue Description

Cisco has recently identified a defect (CSCvo45816) in the Cisco Application Centric Infrastructure (ACI). EX switches might crash with the following reason:

```
Reset Requested due to Fatal Module Error
System version: 12.3(1f)
Service: Service on linecard had a hap-reset
```

A core file is raised against sdk_hal. This issue occurs if the switch has been up for a long period of time, such as 500 or more days.

Workaround

Turn off the heartbeat check for the Hal process by using the following command:

```
vsh_lc -c 'debug platform internal hal infra thread heartbeat disable'
```

Hal process tracking should still work even if you use the listed command, and so there should not be an impact to your fabric.