



Memory Leaks in Logging Discriminator

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Cisco devices configured with logging discriminator may experience a memory leak or crash. When a logging discriminator is configured and applied to a device, memory leak is observed under heavy syslog or debug output. The rate of the leak is dependent on the number of logs being produced. In extreme cases, it is possible that the device might crash. To avoid memory leak, disable the logging discriminator feature.

This document lists the caveats for memory leaks for logging discriminator.

Note: The release number in Fixed Releases column may indicate a future release.

■ CSCur45606

Symptom Logging discriminator feature is broken and causes memory leak on the following platforms. Regression bug caused by the fix for bug CSCuq17177 in EEM code.

Workaround Disable logging discriminator feature until it's fixed.

Table 1 Platforms, Affected Releases, and Fixed Releases for CSCur45606

Platforms	Affected Releases	Fixed Releases
Catalyst 4500, Catalyst 3850, 5760	15.2(3)E1/3.7.1E 15.2(3)E2/3.7.2E 15.2(2)E2/3.6.2.E 15.2(2a)E2/3.6.2aE 15.2(2)E3/3.6.3E	15.2(3)E3/3.7.3.E 15.2(4)E/3.8.0.E XE 16.1.0. 3.6.3.E ES
ASR 1000	15.5(2)S1/3.15.1	15.5(3)S1/3.16.1 15.5(1)S2/3.14.2 15.5(2)S2/3.15.2
T-Train (c2900, c2950, c180, c3240, c7200)	15.5(3)M 15.5(2)T1	15.5(3)M1 15.5(2)T2
ISR 4400	15.5(2)S1/3.15.1	15.5(3)S1/3.16.1 15.5(1)S2/3.14.2 15.5(2)S2/3.15.2
ISR 3945	15.5(2)T1	15.5(2)T2
ISR 800	15.5(2)T1	15.5(2)T2
Catalyst 6500	Not affected.	Not applicable.

- CSCur28336

Symptom Memory leak and possible crash when using a logging discriminator. Regression bug caused by the fix for bugs CSCuc21859, CSCul35472.

Workaround Disable logging discriminator feature until it's fixed.

Table 2 Platforms, Affected Releases, and Fixed Releases for CSCur28336

Platforms	Affected Releases	Fixed Releases
Catalyst 4500, Catalyst 3850, 5760	15.0(1)EZ/3.3.0SE 15.2(1)E/3.5.0E 15.2(2)E/3.6.0E 15.2(3)E/3.7.0E	15.2(2)E4/3.6.4E 15.2(3)E3/3.7.3E 15.2(4)E/3.8.0E 3.6.3.E ES
ASR 1000	15.3(3)S/3.10.0S	15.4(3)S3/3.13.3S 15.5(1)S/3.14.0S 15.5(2)S/3.15.0S 15.5(3)S/3.16.0S
T-Train (c2900, c2950, c180, c3240, c7200)	15.4(1)T 15.4(3)M 15.5(1)T	15.5(2)T 15.5(3)M
ISR 4400	15.3(3)S/3.10.0S	15.4(3)S3/3.13.3S 15.5(1)S/3.14.0S 15.5(2)S/3.15.0S 15.5(3)S/3.16.0S
ISR 3945	15.4(1)T 15.5(1)T	15.5(2)T
ISR 800	15.4(1)T 15.5(1)T	15.5(2)T
Catalyst 6500	15.1(1)SY 15.1(2)SY 15.2(1)SY 15.2(2)SY	Not applicable. This is a preventive fix.

- CSCup02712

Symptom Memory leak and possible crash when using a logging discriminator.

Workaround Disable logging discriminator feature until it's fixed.

Table 3 Platforms, Affected Releases, and Fixed Releases for CSCup02712

Platforms	Affected Releases	Fixed Releases
Catalyst 4500, Catalyst 3850, 5760	Not affected.	Not applicable.
ASR 1000	15.3(3)S/3.10.0S	15.4(3)S3/3.13.3S 15.5(1)S/3.14.0S 15.5(2)S/3.15.0S 15.5(3)S/3.16.0S
T-Train (c2900, c2950, c180, c3240, c7200)	Not affected.	Not applicable.
ISR 4400	Not affected.	Not applicable.
ISR 3945	Not affected.	Not applicable.
ISR 800	Not affected.	Not applicable.
Catalyst 6500	Not affected.	Not applicable.

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