



clear license agent through debug license

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clear license agent

To clear license agent statistics counters or connection statistics, use the **clear license agent** command in privileged EXEC mode.

clear license agent {counters| sessions}

Syntax Description

counters	Clears license agent statistics counters.
sessions	Clears license agent connection statistics.

Command Modes

Privileged EXEC (#)

Command History

Release	Modification
15.0(1)M	This command was introduced.
Cisco IOS XE Release 3.5S	This command was integrated into Cisco IOS XE Release 3.5S and implemented on the Cisco ASR 903 router.

Examples

The following example clears license agent statistics counters:

```
Router# clear license agent counters
```

Related Commands

Command	Description
show license	Displays information about a Cisco IOS software license.

debug license

To enable controlled Cisco IOS software license debugging activity on a device, use the **debug license** command in privileged EXEC mode. To disable debugging, use the **no** form of this command.

debug license {agent {all| error}| core {all| errors| events}| errors| events| ipc}

no debug license {agent {all| error}| core {all| errors| events}| errors| events| ipc}

Cisco ASR 903 Router Platforms

debug license {agent {all| errors}| core {all| errors| events}| errors| events| feature atm| ipc}

no debug license {agent {all| errors}| core {all| errors| events}| errors| events| feature atm| ipc}

Cisco ASR 1001 Router Platforms

debug license {core {all| errors| events}| errors| ipc}

no debug license {core {all| errors| events}| errors| ipc}

Syntax Description

agent	Debugs license agent information. • all--Debugs all license agent messages. • error--Debugs only license agent error messages.
core	Debugs messages from a license core module. • all--Debugs all license core messages. • errors--Debugs only license core error messages. • events--Debugs only license core event messages.
errors	Debugs license warnings and errors.
events	Debugs license event messages.
feature atm	Debugs the ATM feature license.
ipc	Debugs license interprocess communication (IPC) messages.

Command Default

Debugging is disabled.

Command Modes

Privileged EXEC (#)

Command History

Release	Modification
12.2(35)SE2	This command was introduced.
12.4(15)XZ	This command was integrated into Cisco IOS Release 12.4(15)XZ.
12.4(20)T	This command was integrated into Cisco IOS Release 12.4(20)T.
Cisco IOS XE Release 3.2S	This command was integrated into Cisco IOS XE Release 3.2S and implemented on the Cisco ASR 1001 router.
Cisco IOS XE Release 3.5S	This command was modified. The feature atm keywords were added for the Cisco ASR 903 router.

Usage Guidelines

Use this command to help troubleshoot issues with licenses on a device.

On the Cisco ASR 1001 router, the output from the **debug license** command is not in standard IOS format. You must execute the **request platform software trace rotate all** privileged EXEC command to make the output in the log files in the bootflash:tracelogs directory.

Examples

The following example shows how to enable debugging for license warnings and errors on a router:

```
Router# debug license errors
License warnings and errors debugging is on
```

The following example shows how to enable debugging for all license agent information on a switch:

```
Switch# debug license agent all
license agent app https[0x43FBC7C]: urlhook function
license agent app https[0x43FBC7C]: https action function
LIC_AGENT:Processing XML message
<?xml version="1.0" encoding="UTF-8"?>
<SOAP:Envelope xmlns:SOAP="http://www.w3.org/2003/05/soap-envelope">
<SOAP:Header>
<clm:Header version="1.0" xmlns:clm="http://www.cisco.com/clm">
<clm:Time>2003-04-23T20:27:19.827Z</clm:Time>
</clm:Header>
</SOAP:Header>
<SOAP:Body>
<lica:request xmlns:lica="http://www.cisco.com/clm">
<lica:installRequest>
<lica:license encoding="BASE64">
PENJU0NPX1dUX0FSVE1GQUNUyB2ZXJzaW9uPSIxLjAiPjxDSVNDT19XVF9MSUNFTlNFIHZ1cnNp
b249IjEuMCI+PEZFQVRVUkVfTkFNRT5pcGJhc2U8L0ZFQVRVUkVfTkFNRT48RkVBVfVSRV9WRVJT
SU90PjEuMDwvRkVBVfVSRV9WRVJTSU90PjxVREk+PFBJRD5CVUxMU0VZRTI0PC9QSUQ+PFNOPkNB
VDEwMDZSMEU4PC9TTj48L1VEST48U09VUkNFPkNpc2NvIEhRPC9TT1VSQ0U+PENSRUfURV9EQVRF
PjIwMDYtMTETmJUMDA6MzM6NTA8L0NSRUfURV9EQVRFPPjxMSUNFTlNFX0xJTkVfSEFTSCBoYXNo
QWxnbz0iU0hBMSI+NDJiNFVWWFpOd3pJK0ZNdeV6Q1NZSDRWdzFFPTwvTE1DRU5TRV9MSU5FX0hB
U0g+PFRZUEU+UkVHVUxBUjwvVF1QRT48TE1DRU5TRV9MSU5FPjwhW0NEQVRBWzExIGlwYmFzZSZA
xLjAgTE90RyBOT1JNQUwgU1RBTkRBTET9ORSBFWENMIE1ORK1OSVRFX0tFWVMgSU5GSU5JVEVfS0VZ
UyBORVZFUiBORVZFUiBOaUwgU0xN0NPREFUgQ0xfTkRfTENLIE5pTCAgMVZBU1Y5W1JESzREOU5U
NDAwIE5pTCBOaUwgTmlMDVfTU1OUyA8VURJPjxQSUQ+Q1VMTFNFWUyNDwvUE1EPjxTTj5DQVQx
MDA2UjBFODwvU04+PC9VREk+IGUxWW8wS1U2VnJLOnBJZXRib1dJVkEyZ1VaVGdieU1EaklHWERR
```

Cisco IOS Software Activation Command Reference

