



License Messages

This section contains all License related System Error Messages. The following facility codes are represented in this module:

- [GSR_LCLM_SHOW Messages, page EM-743](#)
- [LCLICMGR Messages, page EM-743](#)

GSR_LCLM_SHOW Messages

Error Message

```
%LICENSE-GSR_LCLM_SHOW-3-ERROR gsr_lclm_show: [chars] , [chars]
```

Explanation GSR_LCLM_SHOW encountered an error

Recommended Action Please enable 'debug sysdb access ...' and capture the output.

LCLICMGR Messages

Error Message

```
%LICENSE-LCLICMGR-2-NO_LICENSE Not able to acquire a throughput license for node [chars]
```

Explanation The Linecard Licensing Manager was not able to acquire a throughput license. Traffic flow through this router may be impacted since the a line card is not operating at the expected throughput rate.

Recommended Action Check throughput license availability using the 'show license pools' command in admin mode. Dump the contents of the Line Card Licensing Manager trace buffer using the 'show lclm trace location loc' command to determine which operation has generated this warning.

Error Message

```
%LICENSE-LCLICMGR-3-ERROR gsr_lclm: [chars] , [chars]
```

Explanation The GSR Line Card Licensing Manager has encountered an error

Recommended Action Please enable 'debug lc-license error' and capture the output. Dump the contents of the Line Card Licensing Manager trace buffer using the 'show lclm trace location loc' command.

Error Message

```
%LICENSE-LCLICMGR-3-RATE_MODE_SECURITY_AUTH The system is unable to authenticate the line card rate mode in node: [chars]
```

Explanation The system has aborted the rate mode verification due to an operation error. This message indicates that an error has occurred during the authentication process itself, the process is incomplete. Therefore, we do not know if the line card is a genuine Cisco product or not. This could indicate a problem with the linecard hardware and warrants further investigation.

Recommended Action Copy the error message exactly as it appears on the console or in the system log. If you require assistance, open a case with the Technical Assistance Center via the Internet 'TAC_CASE_OPEN', or contact your Cisco technical support representative and provide the representative with the gathered information. Gather information about the linecard using the 'show diag 0/X/CPU0 details' and 'show inventory location 0/X/CPU0' commands.

Error Message

```
%LICENSE-LCLICMGR-3-RATE_MODE_SECURITY_FAIL  
WARNING!!! The module in node [chars] in this router may not be a genuine Cisco product. Cisco warranties and support programs only apply to genuine Cisco products. If Cisco determines that your insertion of non-Cisco memory, WIC cards, AIM cards, Network Modules, SPA cards, GBICs or other modules into a Cisco product is the cause of a support issue, Cisco may deny support under your warranty or under a Cisco support program such as SmartNet.
```

Explanation This line card has failed to pass the board authentication. The warning message is generated frequently but the operation of the linecard is not disabled in any way.

Recommended Action Copy the error message exactly as it appears on the console or in the system log. If you require assistance, open a case with the Technical Assistance Center via the Internet 'TAC_CASE_OPEN', or contact your Cisco technical support representative and provide the representative with the gathered information.

Error Message

```
%LICENSE-LCLICMGR-5-RATE_CHANGE The throughput rate for node [chars] has [chars] to [chars]
```

Explanation The throughput rate of the specified node has changed. Traffic flow through this router will be impacted since the line card is now operating at a new throughput rate.

Recommended Action This is an informational message and no action is required unless this is an unexpected event. Use the 'show lclm trace location loc' command to see what triggered the change in throughput rate.