

License Management, Capacity Usage Threshold Reached

OPERATING INSTRUCTIONS

Copyright

© Ericsson AB 2015, 2017. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

Disclaimer

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.

Trademark List

All trademarks mentioned herein are the property of their respective owners. These are shown in the document Trademark Information.



Contents

1	Alarm Description	1
2	Procedure	1
2.1	Handle Alarm License Management, Autonomous Mode Activated	1
2.2	Adjust License Management Configuration	2
2.3	Install New Capacity License	3



License Management, Capacity Usage Threshold Reached



1 Alarm Description

The alarm is raised when the application is possibly unable to use additional instances of the licensed feature.

Table 1 License Management, Capacity Usage Threshold Reached Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
The application is possibly unable to use additional instances of the licensed feature	The number of reserved tokens in a capacity license approaches the value of attribute <code>licensedCapacityLimit</code> or are above the value of attribute <code>capacityAlarmThreshold</code>	The requested capacity has exceeded the value of attribute <code>capacityAlarmThreshold</code> or <code>licensedCapacityLimit</code>	License server	The requested capacity is possibly unavailable

2 Procedure

2.1 Handle Alarm License Management, Autonomous Mode Activated

Prerequisites

— This instruction references the following documents:

- [Data Collection Guideline](#)
- [Install License Key File](#)
- [View License Information](#)

— No tools are required.

— The following conditions must apply:

- The alarm is raised.
- The user has proper authority to handle configuration management of the network elements.



- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the Lm Managed Object (MO), for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,Lm=1
```

2. View attribute capacityAlarmHysteresis value:

```
(Lm=1)>show capacityAlarmHysteresis
```

The following is an example output:

```
capacityAlarmHysteresis=6
```

3. View attribute capacityAlarmThreshold value:

```
(Lm=1)>show capacityAlarmThreshold
```

The following is an example output:

```
capacityAlarmThreshold=85
```

4. View Capacity Key information, refer to [View License Information](#).
5. Provide License Management configuration and license information for capacity planning:
 - If the capacity planning organization decides to adjust License Management configuration, proceed with [Section 2.2 Adjust License Management Configuration](#) on page 2.
 - If the capacity planning organization decides to install new license key with higher capacity, proceed with [Section 2.3 Install New Capacity License](#) on page 3.

2.2 Adjust License Management Configuration

Steps

1. Is it required to set a new value for attribute capacityAlarmHysteresis?

Yes: Continue with the next step.

No: Proceed with Step 6.

2. Enter Config mode:

```
(Lm=1)>configure
```



3. Set a new value for attribute `capacityAlarmHysteresis`, for example:

```
(config-Lm=1)>capacityAlarmHysteresis=8
```

4. Commit the change:

```
(config-Lm=1)>commit
```

5. Verify the change:

```
(Lm=1)>show capacityAlarmHysteresis
```

The following is an example output:

```
capacityAlarmHysteresis=8
```

6. Is it required to set a new value for attribute `capacityAlarmThreshold`?

Yes: Continue with the next step.

No: Proceed with Step 11.

7. Enter Config mode:

```
(Lm=1)>configure
```

8. Set a new value for attribute `capacityAlarmThreshold`, for example:

```
(config-Lm=1)>capacityAlarmThreshold=90
```

9. Commit the change:

```
(config-Lm=1)>commit
```

10. Verify the change:

```
(Lm=1)>show capacityAlarmThreshold
```

The following is an example output:

```
capacityAlarmThreshold=90
```

11. Is the alarm cleared?

Yes: Continue with the next step.

No: Proceed with Section 2.3 Install New Capacity License on page 3.

12. Job is completed.

2.3 Install New Capacity License

Steps



1. Contact the Ericsson supplier to order a new license with higher capacity.
2. Install the new license key file, refer to [Install License Key File](#).
3. Is the alarm cleared?
Yes: Proceed with Step 6.
No: Continue with the next step.
4. Perform data collection, refer to [Data Collection Guideline](#).
5. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
6. Job is completed.