

Configure Renewal Mode of Node Credential

OPERATING INSTRUCTIONS

Copyright

© Ericsson AB 2014, 2016, 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	Description	1
2	Procedure	1
2.1	Configure Renewal Mode of Node Credential	1





1 Description

This instruction describes how to configure the renewal mode of a node credential.

Certificate Management can be used for performing automatic renewals for the `NodeCredential` Managed Objects (MOs).

When the automatic renewal is enabled, Certificate Management automatically renews the certificate before it expires. The timing for the automatic renewal is calculated from the attribute `expiryAlarmThreshold` according to the following formula:

$$\text{renewal time} = \text{Certificate's expiration Time} - \text{expiryAlarmThreshold} - \text{one week}$$

For more information, refer to *Install Node Credential Online*.

If automatic enrollment fails, a *Certificate Management, Automatic Enrollment Failed* alarm is triggered.

2 Procedure

2.1 Configure Renewal Mode of Node Credential

Prerequisites

- This instruction references the following document:
 - *Install Node Credential Online*
- No tools are required.
- The following conditions must apply:
 - The user has the System Security Administrator role.
 - The node credential is installed.
 - The new renewal mode for the node credential is known.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



Steps

1. Navigate to the *NodeCredential* managed object, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,SecM=1  
,CertM=1,NodeCredential=1
```

2. Enter Config mode:

```
(NodeCredential=1)>configure
```

3. Set attribute `renewalMode` by setting it to manual or automatic as follows:

- (config-NodeCredential=1)>**renewalMode=MANUAL**
- (config-NodeCredential=1)>**renewalMode=AUTOMATIC**

4. Commit the setting:

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

5. Verify the setting:

```
(NodeCredential=1)>show
```

The following is an example output:

```
CertM=1  
[...]  
    renewalMode=AUTOMATIC  
[...]
```