

Configure Renewal Mode of Node Credential

OPERATING INSTRUCTIONS

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1 Introduction

This document 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:

`renewal time = Certificate's expiration Time - expiryAlarmThreshold - one week.`

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

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

1.1 Prerequisites

This section describes the prerequisites, which must be fulfilled before using the procedure.

1.1.1 Conditions

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.





2 Procedure

To configure the renewal mode of a node credential:

1. Navigate to the *NodeCredential* MO, 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  
[...]
```