

# Configure Enrollment Authority

## OPERATING INSTRUCTIONS

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# 1 Description

This instruction describes how to configure an enrollment authority.

In Certificate Management, an online enrollment requires the creation of an `EnrollmentAuthority` Managed Object (MO), which represents a Certificate Authority (CA) or a Registration Authority (RA).

An `EnrollmentAuthority` MO can be used by several `EnrollmentServer` MOs.

## 2 Procedure

### 2.1 Configure Enrollment Authority

#### Prerequisites

- No documents are required.
- No tools are required.
- The following condition must apply:
  - The user has the System Security Administrator role.
  - A `TrustedCertificate` MO exists.
  - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

#### Steps

1. Navigate to the `CertM` MO, for example:  

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,CertM=1
```
2. Enter Config mode:  

```
(CertM=1)>configure
```
3. Create the `EnrollmentAuthority` MO, for example:  

```
(config-CertM=1)>EnrollmentAuthority=1
```
4. Set the Certificate Authority (CA) name, for example:



```
(config-EnrollmentAuthority=1)>enrollmentAuthorityName="CN=atrcus3409NECertCA,OU=ericssonOAM,O=Ericsson"
```

Here CN=atrcus3409NECertCA,OU=ericssonOAM,O=Ericsson is an example of a Distinguished Name for a CA enrolling the certificates for O&M node credentials.

5. Set the reference to the certificate of the chosen CA, for example:

```
(config-EnrollmentAuthority=1)>enrollmentCaCertificate="ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,CertM=1,TrustedCertificate=1"
```

6. Enter a description of the CA, for example:

```
(config-EnrollmentAuthority=1)>userLabel="atrcus3409NECertCA O&M Certificate Authority"
```

7. Commit the settings:

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

8. Verify the settings:

```
(EnrollmentAuthority=1)>show
```

The following is an example output:

```
EnrollmentAuthority=1
  enrollmentAuthorityName="CN=atrcus3409NECertCA,OU=ericssonOAM,O=Ericsson"
  enrollmentCaCertificate="ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,CertM=1,TrustedCertificate=1"
  userLabel="atrcus3409NECertCA O&M Certificate Authority"
```