

Configure Enrollment Server Group Together with Enrollment Servers

OPERATING INSTRUCTIONS

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1 Introduction

This document describes how to configure an enrollment server group.

The configuration of an `EnrollmentServerGroup` Managed Object (MO) includes the configuration of `EnrollmentServer` MOs.

Enrollment servers are the front end of enrollment authorities. These servers are the termination points of the Certificate Management Protocol (CMP).

The `CertM` MO supports the grouping of enrollment servers for load balancing. Those enrollment servers that can interchangeably be used by online enrollments are to be specified in the same `EnrollmentServerGroup` MO.

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





2 Procedure

To configure an enrollment server group:

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 **EnrollmentServerGroup** MO, for example:

```
(config-CertM=1)>EnrollmentServerGroup=1
```

4. Create an **EnrollmentServer** MO, for example:

```
(config-EnrollmentServerGroup=1)>EnrollmentServer=1
```

5. Set attribute **uri**. Example for **CMP**:

- (config-EnrollmentServer=1)>**uri=http://192.0.2.10:8080**

6. Set attribute **protocol**:

```
(config-EnrollmentServer=1)>protocol=CMP
```

CMP is currently the only supported protocol for the online enrollments.

7. Commit the settings:

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

8. Verify the settings:

```
(EnrollmentServer=1)>show -v
```

The following is an example output:

```
EnrollmentServer=1
[...]
  enrollmentServerId="1"
  protocol=CMP
  uri="cmp://192.0.2.10"
  userLabel=[] <empty>
```

9. Is another enrollment server to be added?

Yes: Continue with the next step.

No: Job is completed.



10. Enter Config mode:

```
(EnrollmentServer=1)>configure
```

11. Navigate to the EnrollmentServerGroup:

```
(EnrollmentServer=1)>up
```

12. Proceed with Step 4.