

Configure Signaling Points

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to create new local and remote Signaling Points, using the Ericsson Command-Line Interface (ECLI):

2 Procedure

2.1 Create Local Signaling Point

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.
 - A Managed Object (MO) **SignalingNetwork** exists.

Steps

1. Navigate to the **SignalingNetwork** MO, for example:
`>ManagedElement=1,Ss7=1,SignalingNetwork=1`
2. Enter Config mode:
`(SignalingNetwork=1)configure`
3. Enter the name of new **LocalSignalingPoint**, for example:
`(config-SignalingNetwork=1)>LocalSignalingPoint=2`
4. Set the point code, **localSignalingPointCode**, for example
`(config-LocalSignalingPoint=2)>localSignalingPointCode=200`
5. Create an M3UA local application server (AS), **LocalAs** and tie it with the **LocalSignalingPoint**, for example:



```
(config-LocalSignalingPoint=2)>ManagedElement=1,Ss7=1,M3ua=1,LocalAs=4,localSpc="ManagedElement=1,Ss7=1,SignalingNetwork=1,LocalSignalingPoint=2"
```

Note: How to create LocalAs read in "Configure Basic M3-IETF IPSP - IPSP Configuration"

6. Commit the settings:

```
(config-LocalSignalingPoint=2)>commit
```

2.2 Create SCCP Signaling Point

Note: Only one SccpSignalingPoint can be created during a transaction.

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.
 - A Managed Object (MO) LocalSignalingPoint exists.

Steps

1. Navigate to theLocalSignalingPoint MO, for example:

```
>ManagedElement=1,Ss7=1,SignalingNetwork=1,LocalSignalingPoint=2
```

2. Enter Config mode:

```
(LocalSignalingPoint=2)configure
```

3. Enter the name of new SccpSignalingPoint, for example:

```
(config-LocalSignalingPoint=2)>SccpSignalingPoint=Mercury
```

4. Check the default value for attributes:

```
(config-SccpSignalingPoint=Mercury)>show -v
```

5. Change the value of attributes if required

Note: If nodeUsedByTcap is set to YES, then at least oneLocalSap should be configured.

6. Commit the settings:



```
(config-SccpSignalingPoint=Mercury)>commit
```

2.3 Create Remote Signaling Point

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.
 - A Managed Object (MO) **SignalingNetwork** exists.

Steps

1. Navigate to the **SignalingNetwork** MO, for example:

```
>ManagedElement=1,Ss7=1,SignalingNetwork=1
```
2. Enter Config mode:

```
(SignalingNetwork=1)configure
```
3. Enter the name of new **RemoteSignalingPoint**, for example:

```
(config-SignalingNetwork=1)>RemoteSignalingPoint=Mars
```
4. Set the point code, **remoteSignalingPointCode**, for example:

```
(config-RemoteSignalingPoint=Mars500)>remoteSignalingPointCode=500
```
5. Commit the settings:

```
(config-RemoteSignalingPoint=Mars500)>commit
```