

# Create SCTP Profile

## OPERATING INSTRUCTIONS

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Create SCTP Profile



# 1 Description

This instruction describes how to create an SCTP profile.

It is possible to add custom profiles with numbers from 1 to 254 at runtime. Profile 0 is used as default and always exists after cluster deployment.

## 2 Procedure

### 2.1 Create An SCTP Profile

#### 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.

#### Steps

1. Navigate to the `Sctp` MO, for example:  
`>ManagedElement=1,Transport=1,Sctp=1`
2. Enter Config mode:  
`(Sctp=1)>configure`
3. Create an `SctpProfile` MO, for example:  
`(config-Sctp=1)>SctpProfile=1`
4. Commit changes:  
`(config-SctpProfile=1)>commit`
5. Verify changes:  
`(SctpProfile=1)>show -v all`



```
SctpProfile=1
  alphaIndex=ALPHA_1_8TH <default>
  assocMaxRtx=4 <default>
  betaIndex=BETA_1_4TH <default>
  bundlingActivated=true <default>
  bundlingThreshold=0 <default>
  bundlingTimer=16 <default>
  cookieLife=60 <default>
  crossPathsMode=CONTROLLED_BY_BLOCK_CROSS_PATHS_FLAG <default>
  dnsSupport=NOT_SUPPORTED <default>
  dscpCategory=[] <empty>
  ecnCapability=NO <default>
  hbMaxBurst=0 <default>
  heartbeatInterval=30000 <default>
  heartbeatReductionTimer=50 <default>
  incCookieLife=0 <default>
  initARWnd=8192 <default>
  initialHeartbeatInterval=5000 <default>
  initRto=400 <default>
  ipv6Pmtu=1460 <default>
  maxActivateThr=1 <default>
  maxBurst=4 <default>
  maxInitRt=8 <default>
  maxInStreams=17 <default>
  maxOutStreams=17 <default>
  maxRto=1000 <default>
  maxSctpPduSize=1480 <default>
  maxShutdownRt=5 <default>
  minActivateThr=1 <default>
  minRto=30 <default>
  noSwitchback=false <default>
  pathMaxRtx=2 <default>
  pathSelectionAlgorithm=true <default>
  primaryPathAvoidance=false <default>
  primaryPathMaxRtx=0 <default>
  sackTimer=40 <default>
  sctpProfileId=1
  smoothFactor=50 <default>
  thrTransmitBuffer=32 <default>
  thrTransmitBufferCongCeased=85 <default>
  transmitBufferSize=42 <default>
  userLabel="" <default>
```