

Configure Automatic Log Streaming

OPERATING INSTRUCTIONS

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Contents

1	Description	1
2	Procedure	1
2.1	Configure Automatic Log Streaming	1





1 Description

This instruction describes how to configure automatic log streaming to an external storage system. Log entries for all log streams registered with the Log Management Framework can be automatically forwarded to an external storage location.

In CBA, only one common destination is used for automatic log streaming of all log streams.

2 Procedure

2.1 Configure Automatic Log Streaming

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - The log stream is registered with the Log Management Framework.
 - The Transport Layer Security (TLS) Uniform Resource Identifier (URI) of where the log streams are to be forwarded is known, and the corresponding default URI parameter is specified at deployment phase.
 - CBA LDE Streaming Service is available.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Are certificates to support passwordless streaming towards the URI installed on the managed element?

Yes: Proceed with Step 3.

No: Continue with the next step.
2. Configure the required certificates. At least one `NodeCredential` MO and one `TrustCategory` MO are required. Refer to [Create Trust Category and Install Node Credential Online](#) operating instructions for details.



3. Navigate to the `LogM` managed object, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,LogM=1
```

4. Enter Config mode:

```
(LogM=1)>configure
```

5. To enable automatic log streaming, set both `trustCategory` and `nodeCredential` attributes to have a valid managed object reference to the created managed objects belonging to `SecM=1, CertM=1` in Step 2, for example:

```
— (config-LogM=1)>trustCategory="ManagedElement=NODE06ST, SystemFunctions=1, SecM=1, CertM=1, TrustCategory=1"
```

or

```
— (config-LogM=1)>nodeCredential="ManagedElement=NODE06ST, SystemFunctions=1, SecM=1, CertM=1, NodeCredential=1"
```

Alternatively, to disable automatic log streaming, set both `trustCategory` and `nodeCredential` attributes to empty values:

```
— (config-LogM=1)>no trustCategory
```

```
— (config-LogM=1)>no nodeCredential
```

6. Commit the setting:

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

7. Navigate to the `LogPushTransfer` managed object, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,LogM=1,Log=saLogSystem,LogPushTransfer=1
```

8. Verify that the log streaming is operational:

```
(LogPushTransfer=1)>show operationalState
```

Output:

```
operationalState=ENABLED
```

If streaming is disabled or an error occurs during the streaming operation, `operationalState=DISABLED` is displayed. For more details, refer to **View Status of Automatic Log Streaming** operating instructions.