

Create Password Policy

OPERATING INSTRUCTIONS

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1 Introduction

This document describes how to create a password policy applicable for local Operation and Maintenance (O&M) user accounts.

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 sufficient access rights to perform the task, for example, the user has System Security Administrator role.
- The user is familiar with the security policy of the organization.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.





2 Procedure

To create a password policy:

1. Navigate to the *LocalAuthenticationMethod* Managed Object (MO), for example:

```
>dn ManagedElement=NODE06ST, SystemFunctions=1, SecM=1, UserManagement=1, LocalAuthenticationMethod=1
```

2. Enter Config mode:

```
(LocalAuthenticationMethod=1) >configure
```

3. Create the *PasswordPolicy* MO, for example:

```
(config-LocalAuthenticationMethod=1) >PasswordPolicy=1
```

4. Set the *PasswordPolicy* attributes according to operators password policy, in case the values differ from default values, for example:

```
(config-PasswordPolicy=1) >minLength=12
```

5. Set the password quality by giving a reference to the *PasswordQuality* MO, for example:

```
(config-PasswordPolicy=1) >passwordQuality="ManagedElement=NODE06ST, SystemFunctions=1, SecM=1, UserManagement=1, LocalAuthenticationMethod=1, PasswordQuality=1"
```

6. Commit the settings:

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

7. Verify the settings:

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

The following is an example output:



```
PasswordPolicy=1
  expireWarning=7 <default>
  failureCountInterval=1800 <default>
  historyLength=12 <default>
  lockoutDuration=[] <empty>
  maxAge=90 <default>
  maxFailure=3 <default>
  minAge=15 <default>
  minLength=12
  passwordPolicyId="1"
  passwordQuality="ManagedElement=1,⇒
SystemFunctions=1,SecM=1,UserManagement=1,⇒
LocalAuthenticationMethod=1,PasswordQuality=1"
  reservedByAccount=[] <empty> <read-only>
  userLabel=[] <empty>
```