

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=<Node Name>,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
```

Note: This attribute means the minimum length of password, it is necessary to make sure the password is longer than minimum length, otherwise error info will be shown in ECLI.

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>
```