

# View Roles and Rules

## OPERATING INSTRUCTIONS

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# 1 Description

This instruction describes how to view the roles retrieved from the Lightweight Directory Access Protocol (LDAP) server, the rules delivered by the system, and custom rules.

The understanding of the roles and rules is a prerequisite for solving any authorization issues.

## 2 Procedure

### 2.1 View Roles and Rules

#### Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
  - The user has the System Security Administrator role.
  - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

#### Steps

1. Navigate to the `LocalAuthorizationMethod` Managed Object (MO), for example:

```
>dn ManagedElement=N0DE06ST,SystemFunctions=1,SecM=1,UserManagement=1,LocalAuthorizationMethod=1
```

2. View the rules for a specific role, for example, the System Administrator role:

```
(LocalAuthorizationMethod=1)>show -r -v Role=SystemAdministrator
```

The following example output shows the permissions for the System Administrator role. The rule named `FaultManagement_1` defines read, write, and execute permissions for the Fault Management MO, its attributes, actions, and its child MOs. A rule MO exists for each predefined rule in the system. Each rule MO is identified by the value of attribute `ruleId`.



```
Role=SystemAdministrator
  roleId="SystemAdministrator"
  roleName="SystemAdministrator" <read-only>
  userLabel="System Administrator Role"
  Rule=FaultManagement_1
    permission=RWX <read-only>
    ruleData="ManagedElement,SystemFunctions,Fm,*" <read-only>
    ruleId="FaultManagement_1"
    ruleName="FaultManagement_1" <read-only>
    userLabel="RWX Rule for FM"
  Rule=PerformanceManagement_1
    permission=RWX <read-only>
    ruleData="ManagedElement,SystemFunctions,Pm,*" <read-only>
    ruleId="PerformanceManagement_1"
    ruleName="PerformanceManagement_1" <read-only>
    userLabel="RWX Rule for PM"
  Rule=SoftwareInventory_1
    permission=RW <read-only>
    ruleData="ManagedElement,SystemFunctions,SwInventory,*" <read-only>
    ruleId="SoftwareInventory_1"
    ruleName="SoftwareInventory_1" <read-only>
    userLabel="RW Rule for SwIM"
  Rule=SoftwareManagement_1
    permission=RWX <read-only>
    ruleData="ManagedElement,SystemFunctions,SwM,*" <read-only>
    ruleId="SoftwareManagement_1"
    ruleName="SoftwareManagement_1" <read-only>
    userLabel="RWX Rule for SwM"
  Rule=SystemManagement_1
    permission=RWX <read-only>
    ruleData="ManagedElement,SystemFunctions,SysM,*" <read-only>
    ruleId="SystemManagement_1"
    ruleName="SystemManagement_1" <read-only>
    userLabel="RWX Rule for SysM"
  Rule=Top_1
    permission=RWX <read-only>
    ruleData="ManagedElement" <read-only>
    ruleId="Top_1"
    ruleName="Top_1" <read-only>
    userLabel="RWX Rule for ME"
  Rule=Top_2
    permission=RWX <read-only>
    ruleData="ManagedElement,SystemFunctions" <read-only>
    ruleId="Top_2"
    ruleName="Top_2" <read-only>
    userLabel="RWX Rule for System Functions"
  Rule=Top_3
    permission=RWX <read-only>
    ruleData="ManagedElement,Transport" <read-only>
    ruleId="Top_3"
    ruleName="Top_3" <read-only>
    userLabel="RWX Rule for Transport"
[...]
```