

# View LDAP Configuration

## OPERATING INSTRUCTIONS

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# 1 Introduction

This document describes how to view the Lightweight Directory Access Protocol (LDAP) configuration.

The understanding of the LDAP configuration is a prerequisite for solving any authentication issues.

## 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 the System Security Administrator role.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



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## 2 Procedure

To view the LDAP configuration:

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

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

2. View the configuration:

```
(UserManagement=1)>show -r
```

The following is an example output:

```
UserManagement=1
  targetType="ims.kista.se"
  userLabel="Selective authentication for Kista site"
  LdapAuthenticationMethod=1
    administrativeState=UNLOCKED
    Ldap=1
      baseDn="dc=my-domain,dc=com"
      bindDn="cn=proxyaccount,dc=ericsson,dc=com"
      bindPassword="1:XUC+jE8QV05dG570uv7hWi1s/wa+uWi0"
      fallbackLdapIpAddress="192.0.2.11"
      ldapIpAddress="192.0.2.10"
      nodeCredential="ManagedElement=NODE06ST,SystemFunctions=1,⇒
SecM=1,CertM=1,NodeCredential=1"
      profileFilter=ERICSSON_FILTER
      serverPort=636
      tlsMode=LDAPS
      trustCategory="ManagedElement=NODE06ST,SystemFunctions=1,⇒
SecM=1,CertM=1,TrustCategory=aurora"
      userLabel="LDAP based login authentication"
      useTls=true
      useTlsFallback=true
      EricssonFilter=1
        roleAliasesBaseDn="dc=example,dc=com"
        targetBasedAccessControl=UNLOCKED
[...]
```

The example output reflects a typical configuration to LDAP servers provided by an Ericsson OSS solution. The LDAP configuration points to a primary LDAP server with IP address 192.0.2.10 and a secondary/fallback LDAP server with IP address 192.0.2.11.

A password-based bind authentication is used to the LDAP servers since a bind Distinguished Name (DN) and a bind password are configured. The `ERICSSON_FILTER` profile filter is used for LDAP searches in the LDAP servers.



Selective authentication based on the target type `ims.kista.se` is enforced.  
The LDAP authentication is secured by Transport Layer Security (TLS).