

Configure Flexible LDAP Filter

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to configure an arbitrary LDAP search filter when querying the LDAP server. Such a change can be triggered by the organization security policy.

2 Procedure

2.1 Configure Flexible LDAP Filter

Prerequisites

- This instruction references the following documents:
 - [Configure LDAP Basic Connection](#)
 - [Configure TLS for LDAP](#)
- No tools are required.
- The following conditions must apply:
 - The user has the System Security Administrator role.
 - The ME is configured to connect with remote LDAP server, refer to [Configure LDAP Basic Connection](#) and [Configure TLS for LDAP](#).
 - The LDAP server is configured for the Managed Element (ME).
 - The LDAP schema is specified and loaded in the LDAP server.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

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

```
>dn ManagedElement=N0DE06ST,SystemFunctions=1,SecM=1,UserManagement=1,LdapAuthenticationMethod=1,Ldap=1
```
2. Enter Config mode:

```
(Ldap=1)>configure
```



3. Configure flexible filtering in Ldap MO:

```
(config-Ldap=1)>profileFilter=FLEXIBLE
```

4. Navigate to the Filter MO, for example:

```
(config-Ldap=1)>Filter=1
```

5. Configure the arbitrary LDAP search expression, for example:

```
(config-Filter=1)>filter="(&(objectClass=posixAccount)(uid=<UID>))"
```

6. Configure the LDAP return attribute, for example:

```
(config-Filter=1)>type="cn"
```

7. Commit the settings:

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

8. Verify the result:

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

The following is an example output:

```
Ldap=1
  baseDn="dc=my-domain,dc=com"
  fallbackLdapIpAddress="192.168.0.11"
  ldapIpAddress="192.168.0.10"
  profileFilter=FLEXIBLE
  useTls=false
  Filter=1
    filter="(&(objectClass=posixAccount)(uid=<UID>))"
    type="cn"
```