

# Connect OID to APEX

## How to connect an APEX 4.2 application to Oracle Internet Directory (OID) LDAP server

Before entering a new authentication schema, it is important (and not mentioned clearly in the Oracle documentation) to define a network ACL first.

```
DECLARE
l_acl VARCHAR2(100) := 'apxldapacl.xml';
l_desc VARCHAR2(100) := 'LDAP Authentication for OID';
l_principal VARCHAR2(30) := 'APEX_040200'; -- upper case
l_host VARCHAR2(100) := 'ldap.loopback.org';
BEGIN
-- Create the new ACL.
-- Also, provide one starter privilege, granting the schema the privilege to connect.
dbms_network_acl_admin.create_acl(l_acl, l_desc, l_principal, TRUE, 'connect');
```

```
-- Now grant privilege to resolve DNS names.
dbms_network_acl_admin.add_privilege(l_acl, l_principal, TRUE, 'resolve');
```

```
-- Specify which hosts this ACL applies to.
dbms_network_acl_admin.assign_acl(l_acl, l_host);
```

```
COMMIT;
END;
```

See also: <http://ruepprich.wordpress.com/2012/11/02/ldap-authentication-with-apex/>

Afterwards, you can define and use an authentication schema in APEX.

## Authentication Scheme

Cancel

Apply Changes

Show All Name Subscription Settings Source Session Not Valid Login Processing Post-Logout URL Session Cookie Attributes Comments

### Name

\* Name

\* Scheme Type

### Subscription

Reference Master Authentication Scheme From   Refresh

This is the "master" copy of this authentication scheme.

There are no subscribers to this authentication scheme.

### Settings

\* Host

Port

Use SSL

\* Distinguished Name (DN) String

Use Exact Distinguished Name (DN)

LDAP Username Edit Function

Username Escaping