

Oracle Banking
LDAP Setup Guide
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1. Preface

LDAP server is used by Plato Api-gateway application, which uses plato-security-jwt to get details from ldap server and authentication against the input details to create tokens.

If enterprise level LDAP server is not present, use OUD 12.2.1.3 as LDAP server and configure the details in SECURITY_CONFIG INC script.

```
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (1,'USER_STORE','LDAP');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (2,'JWT_EXP_SECONDS','3600');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (3,'JWT_ALGORITHM','HS512');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (4,'LDAP_URL','ldap://localhost:12345');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (5,'LDAP_SERVER_USER','uid=admin');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (6,'LDAP_SERVER_BASE','dc=oracle,dc=com');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (7,'LDAP_SERVER_CREDENTIAL','yIksiMFfjVbfcPA7Qheh8Q==');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (8,'LDAP_USER_SEARCH_BASE','ou=people');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (9,'LDAP_USER_PREFIX','uid');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (10,'CORS_ALLOWED_ORIGINS','localhost');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (11,'LDAP_SERVER_CREDENTIAL_SALT','0.948262845');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (12,'USER_HEADER_ATTRIBUTE_KEY','userId');
Insert into SECURITY_CONFIG (ID,KEY,VALUE) values (13,'USER_HEADER_ATTRIBUTE_REQUIRED','Y');
```

1.1 Audience

This document is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

2. Installing and Configuring OUD

2.1 Prerequisites

Oracle fusion middleware 12.2.1.3 should be installed on the machine prior to OUD 12.2.1.3 installation. For configuring OUD directory management domain, RCU schemas should be present.

2.2 Installation of OUD 12.2.1.3

Refer this oracle documentation on how to install OUD
<https://docs.oracle.com/middleware/12213/oud/install.htm>

2.3 Running RCU Schemas

For configuring domain with directory management template, RCU schemas has to be provided. Refer this document for creating RCU schemas using 12.2.1.3 middleware home.
<https://docs.oracle.com/middleware/12213/lcm/RCUUG/RCUUG.pdf>

2.4 OUD Setup

Refer this oracle documentation to setup LDAP (and LDAPS) OUD directory.
<https://docs.oracle.com/middleware/12213/oud/ODIG/setting-oracle-unified-directory-directory-server.htm#ODIG00049>

2.5 Configuring Directory Management Domain for OUD

Refer this oracle documentation on how to configure domain for OUD with directory management template.
<https://docs.oracle.com/middleware/12213/oud/ODIG/installing-oracle-unified-directory-software.htm#ODIG-GUID-3EB44650-2322-445B-90B7-00BAFCEA1B8D>