4. LDAP

Introduction

**Objective:**

At the end of this guide, you will learn to set up LDAP Server and configure user attributes such as password, home directory and mail account.

**Login**

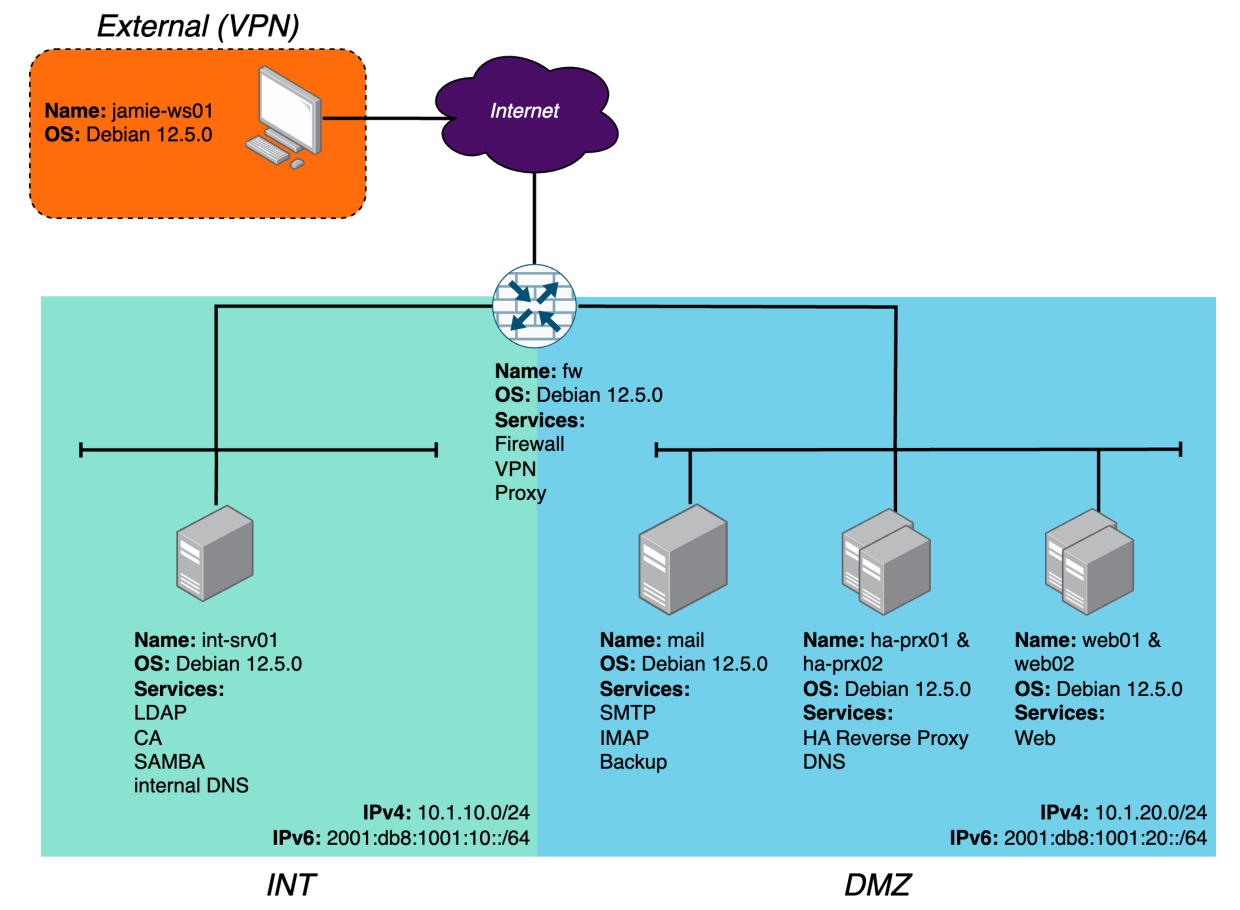
The login credential for all server and client machines:

Username: root / user

Password: Skill39@Lyon

**Network Topology**

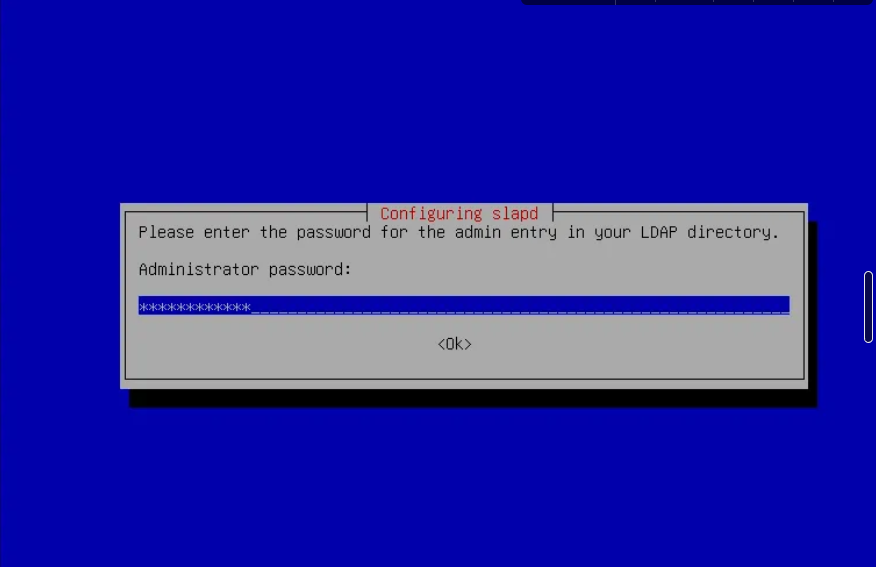
This will be the network topology that will be referenced for setting up the infrastructure.

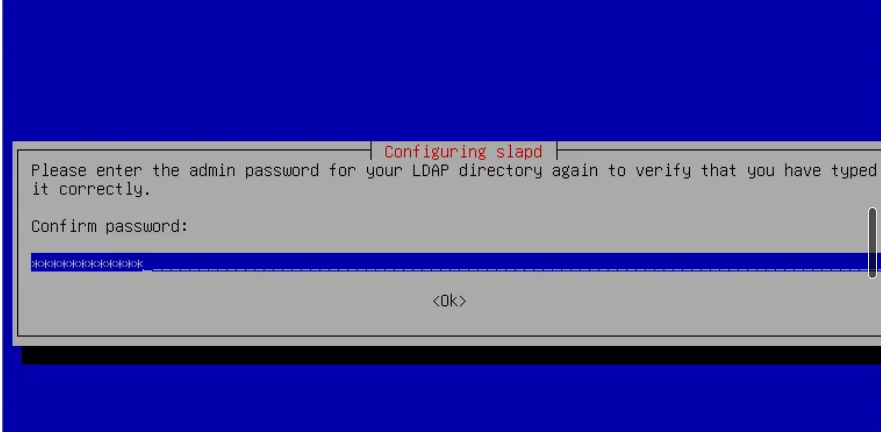


## LDAP

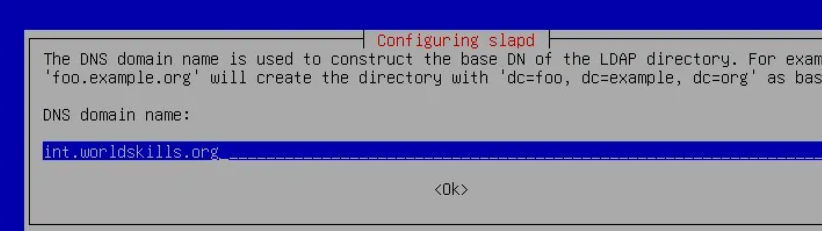
**Do the following on int-srv01**

apt install slapd ldap-utils -y

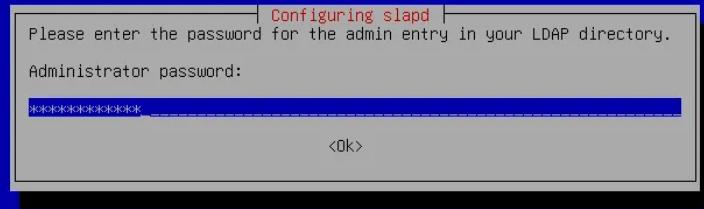




dpkg-reconfigure slapd







vim /etc/ldap/ou.ldif

ldapadd -D cn=admin,dc=int,dc=worldskills,dc=org -x -W -f /etc/ldap/ou.ldif

vim /etc/ldap/user.ldif

| dn: cn=admin,dc=int,dc=worldskills,dc=org  sn: Admin  cn: Admin  objectClass: top  objectClass: person  dn: cn=Jamie,ou=Employees,dc=int,dc=worldskills,dc=org  uid: Jamie  sn: Oliver  cn: Jamie Oliver  mail: [Jamie.oliver@dmz.worldskills.org](mailto:Jamie.oliver@dmz.worldskills.org)  uidnumber: 10001  gidnumber: 10001  objectClass: top  objectClass: posixaccount  objectClass: inetorgperson  userpassword: Skill39@Lyon  loginshell: /bin/bash  homedirectory: /home/Jamie  dn: cn=peter,ou=Employees,dc=int,dc=worldskills,dc=org  uid: peter  sn: Fox  cn: Peter Fox  mail: [peter.fox@dmz.worldskills.org](mailto:peter.fox@dmz.worldskills.org)  uidnumber: 10002  gidnumber: 10002  objectClass: top  objectClass: posixaccount  objectClass: inetorgperson  userpassword: Skill39@Lyon  loginshell: /bin/bash  homedirectory: /home/peter |
| --- |

ldapadd -D cn=admin,dc=int,dc=worldskills,dc=org -x -W f /etc/ldap/user.ldif

Test

ldapsearch -x -b dc=int,dc=worldskills,dc=org -H ldap://[int-srv01.int.worldskills.org](http://int-srv01.int.worldskills.org)