

# Creating Users and Groups in OpenLDAP using phpldapadmin

Credit: [Srinivasan Ganesan](#)

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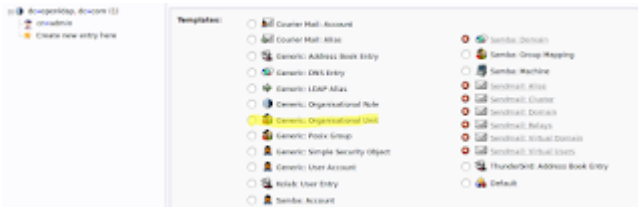
### Creating Organization Unit

Follow the below Procedures for creating OU named Users and Groups

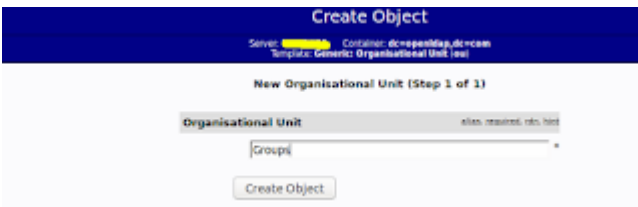
(i) Open the LDAP Web Console using the URL `<hostname>/phpldapadmin` and Click on the Distinguished Name (e.g `dc=openldap,dc=com`) and click **Create a child Entry**



(ii) Click on **Generic: Organizational Unit**



(iii) Provide a Name (e.g **Groups**) and click on **Create Object**



(iv) Now, click on **Commit**

[sel3.png](#)

The **OU** (Organizational Unit) named **Groups** is now created.

[sel4.png](#)

(v) Follow the same above procedures for creating **OU** named **Users**.

[sel5.png](#)

**Now we have two OUs Users and Groups**

## Creating Users and Groups

### 1. Creating Users

(i) Select the **OU Users** and click on **Create a child entry**

[sel6.png](#)

(ii) From the **Create Object** page which appears, click on **Default**

[sel7.png](#)

(iii) Select **inetOrgPerson** from the **ObjectClasses** and click on **Proceed >>**



(iv) Select **RDN** as **cn (cn)**. Provide **cn** name, **sn** name, **displayName**, **Password**, **User Name** and any other required fields and click on **Create Object**



(v) Now, click on **Commit**

[sel8.png](#)

Now, a user named **ldapuser** is created under the **OU 'Users'**



## 2. Creating Groups

(i) Click on **OU Groups** and click on **Create a child entry**



(ii) Now, click on **Default**



(iii) Now Select **groupOfNames** from **ObjectClasses** and Click **Proceed >>**



(iv) Select **cn (cn)** as RDN. Provide a **cn** name, **member** (any one users, we can modify it later) and click on **Create Object**



**(v)** Now, click on **Commit**



Group named **ldapgroup** is now created under **OU Groups**



3. Creating Groups with Special Characters(e.g ">>")

**(i)** Select **OU Groups** and click on **Create a child entry.**



**(ii)** Now, Click on **Default.**



**(iii)** Select **groupOfNames** from **ObjectClasses** and click on **Proceed >>**



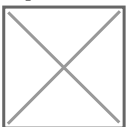
**(iv)** Now **cn (cn)** as RDN and Provide the **cn** name. Escape ant Special Characters using **backslash (\) symbol.**



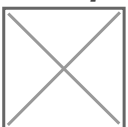
**(v)** Now provide a valid user in **member** attribute and click on **Create Object** and proceed with **Commit.**



**(vi)** Now, group named **OpenldapGroups** is created under **Groups OU** with **cn** name **Openldap\>\>Groups**. The group will have another value in **cn** with the **backslash (\) removed.**



**(vii)** Now, **Delete** the entry **Openldap\>\>Groups** and click on **Update Object** and proceed with **Update Object.**





**(viii)** Now the **Openldap\>\>Groups** cn name is removed from **OpenldapGroups** and it is updated with cn name **Openldap>>Groups**



4. Modifying members in a group

**(i)** Click on **modify group members** from **member** attribute



**(ii)** From the **Modify group** page we **Add or Remove Users** based on our needs and click on **Save changes**



**(iii)** Now, click on **Update Object** to save the changes



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