

# How to install OpenLDAP and phpldapadmin in CentOS?

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## How to install OpenLDAP and phpldapadmin in CentOS 7?

1. Install openldap packages.



2. Start and enable openldap service.



3. Create admin LDIF file and replace olcSuffix and olcRootDN.





4. To make these changes use ldapmodify command with the appropriate name.



5. Generate password for admin user by using the below command.



6. Create password LDIF file and replace password with yours.



7. To make these changes use ldapmodify command with the appropriate name.

8. To allow access to the LDAP database, replace olcAccess attribute with yours.

9. To make these changes use ldapmodify command with the appropriate name.

10. Use ldapsearch to validate the attribute that has changed.

11. Check configuration with the below command.

12. Create a LDIF file that saves the base DN.

13. Use ldapadd with the bind DN and admin password to add base.ldif.



14. Install phpldapadmin package.

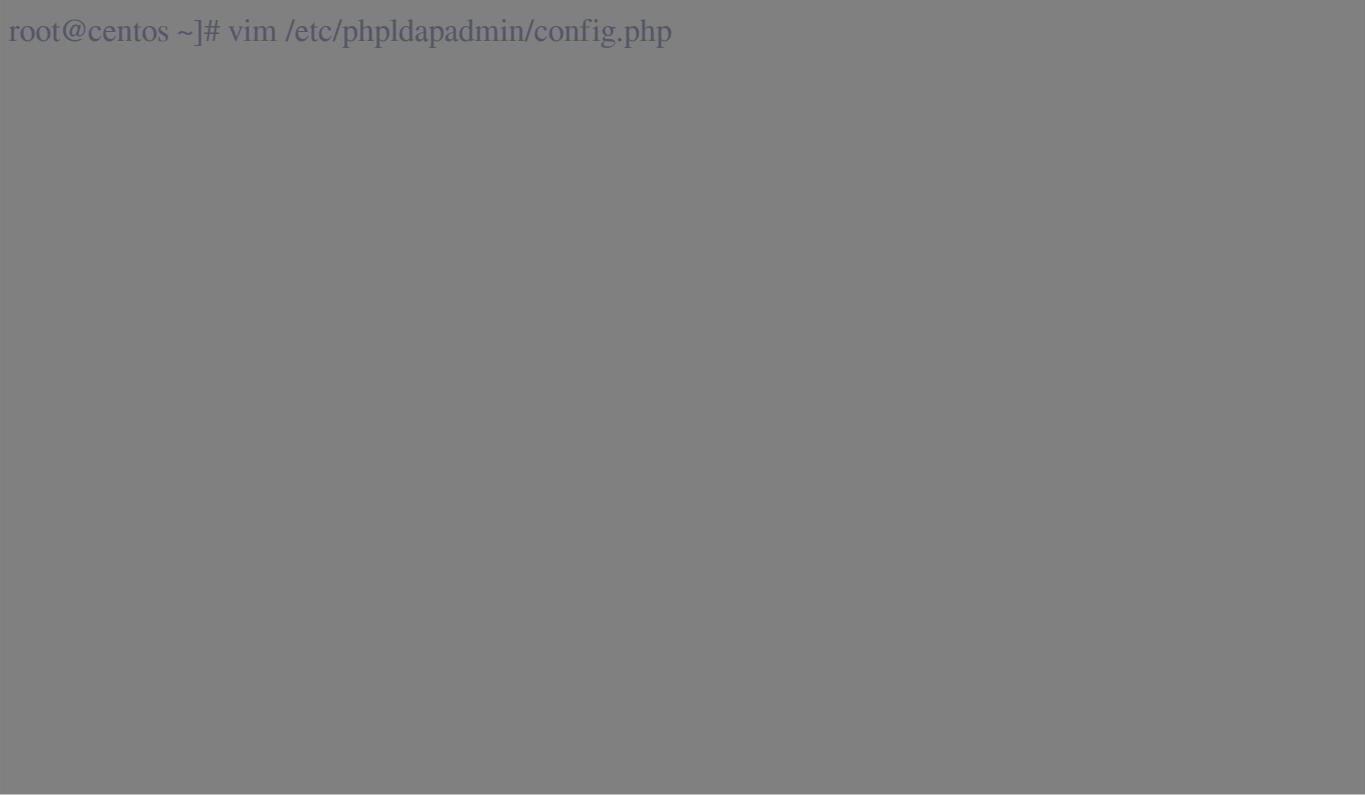


15. Edit phpldapadmin configuration file and comment **#Require local** and add a new line **Require all granted**.



```
#Require local  
Require all granted
```

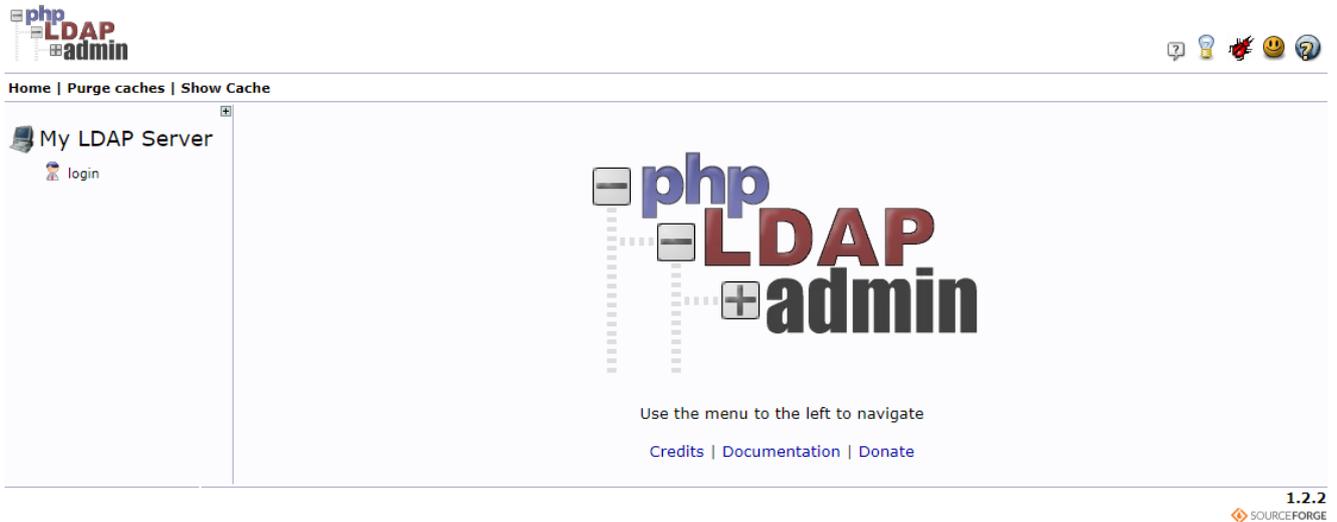
16. Modify the configuration file located at **/etc/phpldapadmin/config.php** to look like the one below.



```
root@centos ~]# vim /etc/phpldapadmin/config.php
```

17. After making the changes open the browser and access your LDAP administration dashboard with **http://server\_ip/phpldapadmin**

18. The following image shows the GUI of phpldapadmin.



Click on " login" button at the top left corner of GUI to log in to the admin dashboard.

**Login DN:**  
cn=admin,dc=ezeelogin,dc=com

**Password:**  
.....

**Anonymous**

**Authenticate**

19. Creating groups in LDAP

Click on the **create a child entry** and select the Object which you want to create.

My LDAP Server

schema search refresh info import export logout

Logged in as: cn=admin

- dc=ezeelogin, dc=com (6)
  - cn=admin
  - cn=developers (3)
    - cn=Ellen Mathew
    - cn=Oprah S
    - cn=Ron M
    - ★ Create new entry here
  - cn=Eznoc\_security (2)
    - cn=Irine Felip
    - cn=Rayan Floy
    - ★ Create new entry here
  - cn=Sysadmins
  - ou=groups
  - ou=people
  - ★ Create new entry here

Server: My LDAP Server Container: cn=Sysadmins,dc=ezeelogin,dc=com

### Create Object

Select a template for the creation process

Templates:

- Courier Mail: Account
- Courier Mail: Alias
- Generic: Address Book Entry
- Generic: DNS Entry
- Generic: LDAP Alias
- Generic: Organisational Role
- Generic: Organisational Unit
- Generic: Posix Group
- Generic: Simple Security Object
- Generic: User Account
- Kolab: User Entry
- Samba: Account
- Samba: Domain
- Samba: Group Mapping
- Samba: Machine
- Sendmail: Alias
- Sendmail: Cluster
- Sendmail: Domain
- Sendmail: Relays
- Sendmail: Virtual Domain
- Sendmail: Virtual Users
- Thunderbird: Address Book Entry
- Default

## 20. Create User in LDAP

Click on the **create a child entry** and select **Generic: User Account**. Specify the *username*, select the *GID Number* from the drop-down menu, provide *home directory*, *password*, *user ID* and then click on **Create Object** to create the user.

My LDAP Server

schema search refresh info import export logout

Logged in as: cn=admin

dc=ezeelogin,dc=com (6)

cn=admin

cn=developers (3)

cn=Ellen Mathew

cn=Oprah S

cn=Ron M

Create new entry here

cn=Eznoc\_security (2)

cn=Irine Felip

cn=Rayan Floy

Create new entry here

cn=Sysadmins

ou=groups

ou=people

Create new entry here

# Create Object

Server: My LDAP Server Container: cn=Sysadmins,dc=ezeelogin,dc=com  
Template: Generic: User Account (posixAccount)

## New User Account (Step 1 of 1)

**Common Name** alias, required, rdn

Cathy Mathew

**First name** alias

Cathy

**GID Number** alias, required, hint

Sysadmins

**Home directory** alias, required

/home/users/Cathy

**Last name** alias, required

Mathew

**Login shell** alias

/bin/sh

**Password** alias, hint

..... md5

..... (confirm)

[Check password...](#)

**UID Number** alias, required, hint, ro

1005

**User ID** alias, required

Cathy

Create Object

[article](#)

[article](#)

Online URL:

<https://www.ezeelogin.com/kb/article/how-to-install-openldap-and-phpldapadmin-in-centos-426.html>