

# icingaweb2 integration with AD LDAP for user login



## Step1: Edit the resources.ini configuration file for icingaweb2

```
[root@respoller-ch2d-03c icingaweb2]# hostname
respoller-ch2d-03c.sys.comcast.net

[root@respoller-ch2d-03c ~]# cd /etc/icingaweb2
[root@respoller-ch2d-03c icingaweb2]#
[root@respoller-ch2d-03c icingaweb2]# ll
total 32
-rw-rw---\- 1 apache icingaweb2 &nbsp;228 Sep 23 17:29 authentication.ini
-rw-rw---\- 1 apache icingaweb2 &nbsp;156 Sep 17 10:13 config.ini
drwxrws--\- 3 apache icingaweb2 4096 Oct 20 08:15 dashboards
drwxr-s--\- 2 apache icingaweb2 4096 Oct 19 10:42 enabledModules
-rw-rw---\- 1 apache icingaweb2 &nbsp;54 Sep 17 10:13 groups.ini
drwxrws--\- 5 root &nbsp;icingaweb2 4096 Oct 19 10:41 modules
-rw-rw---\- 1 apache icingaweb2 &nbsp;563 Oct 28 16:43 resources.ini
-rw-rw---\- 1 apache icingaweb2 &nbsp;792 Nov &nbsp;2 15:07 roles.ini
```

```
[root@respoller-ch2d-03c icingaweb2]# vim resources.ini

[ad]
type      = ldap
hostname  = adapps.cable.comcast.com
port      = 389
root_dn   = "ou=users,dc=comcast,dc=com"
bind_dn   = "CN=etspadm,OU=Service Accounts,OU=West Chester,OU=Corporate,DC=cable,DC=comcast,DC=com"
bind_pw   = "3t$p@9m!"
```

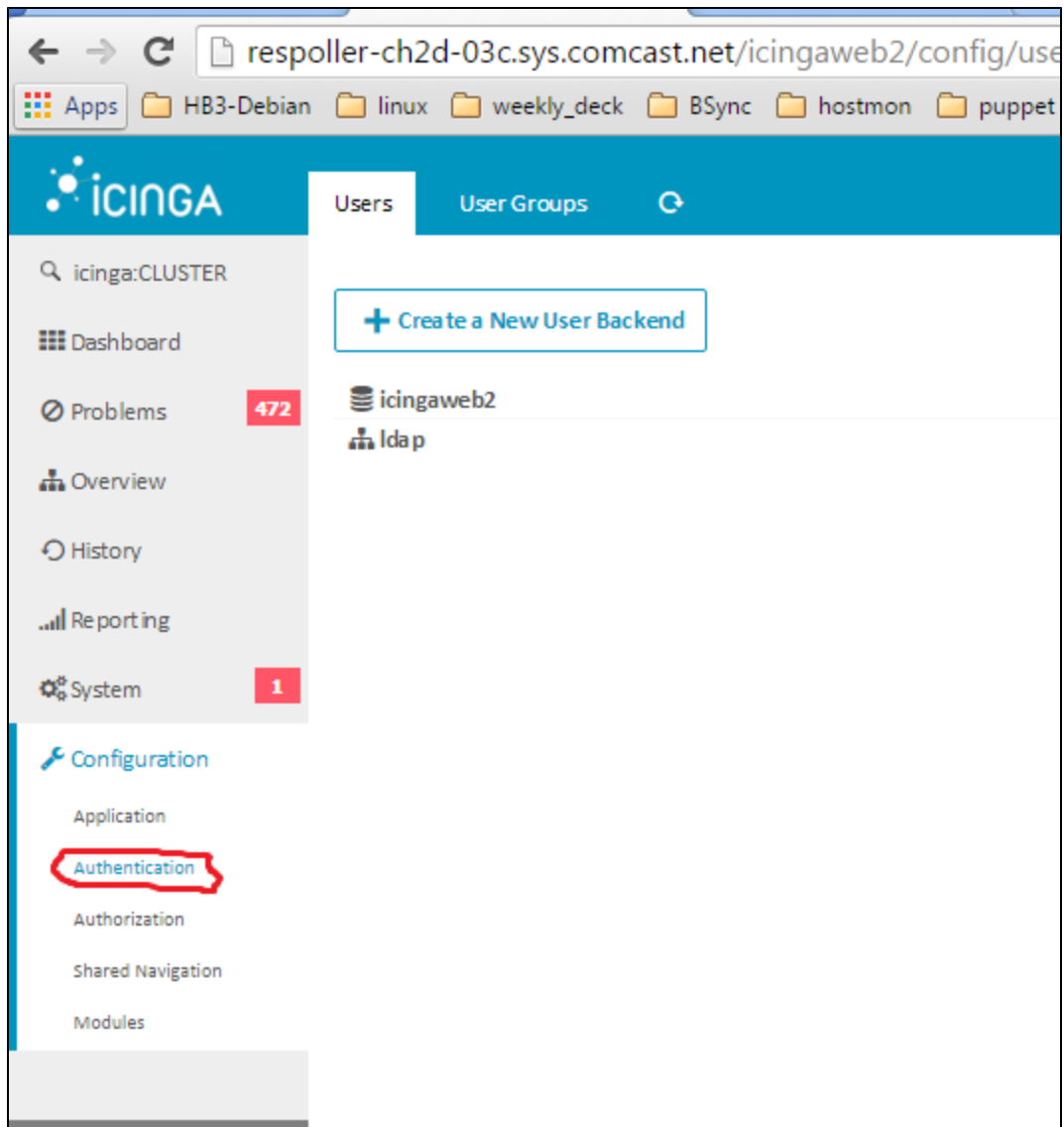


## Step2: Goto icingaweb2 web login

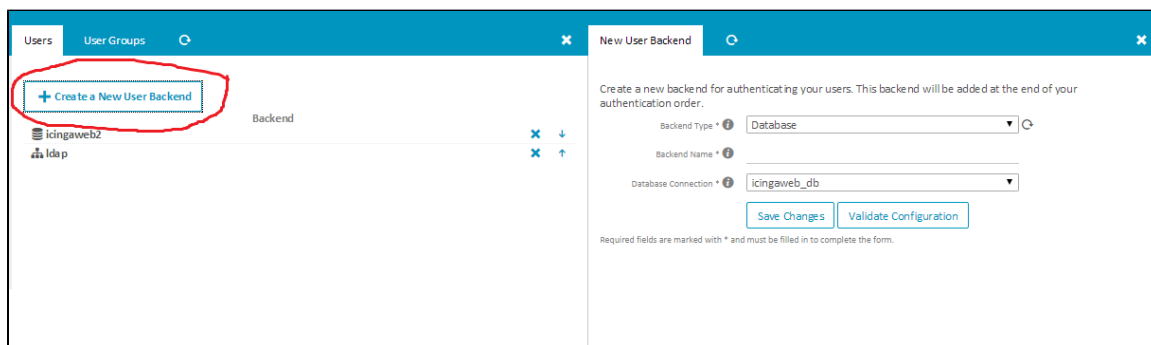
Login with **icingaadmin** user which is administrative rights

URL:<http://respoller-ch2d-03c.sys.comcast.net/icingaweb2>





**Step4: Create new user backend**



**Step5: Select backend Type from drop down**

Users | User Groups | **New User Backend**

+ Create a New User Backend

Backend

icingaweb2

ldap

Create a new backend for authenticating your users. This backend will be added at the end of your authentication order.

Backend Type \* **LDAP**

Backend Name \*

LDAP Connection \* **ad**

Discover

LDAP User Object Class \* inetOrgPerson

LDAP Filter \*

LDAP User Name Attribute \* uid

LDAP Base DN \*

Save Changes Validate Configuration

Required fields are marked with \* and must be filled in to complete the form.

✔ **Step6: Select Ldap connection type**

Here its **ad** which we configured in **resources.ini** config file and click on **Discover** button .  
It will automatically fill all below fields.

Users | User Groups | **New User Backend**

+ Create a New User Backend

Backend

icingaweb2

ldap

Create a new backend for authenticating your users. This backend will be added at the end of your authentication order.

Backend Type \* LDAP

Backend Name \*

LDAP Connection \* **ad**

Discover

LDAP User Object Class \* user

LDAP Filter \* !(objectClass=computer)

LDAP User Name Attribute \* sAMAccountName

LDAP Base DN \* DC=cable,DC=comcast,DC=com

Save Changes Validate Configuration

Required fields are marked with \* and must be filled in to complete the form.

✔ **Step6: Give name to Backend Name**

After giving some name **Backend Name** click on **Validate configuration** button.

Users | User Groups | **New User Backend**

+ Create a New User Backend

Backend

icingaweb2

ldap

Create a new backend for authenticating your users. This backend will be added at the end of your authentication order.

Backend Type \* LDAP

Backend Name \* **ldap1**

LDAP Connection \* ad

Discover

LDAP User Object Class \* user

LDAP Filter \* !(objectClass=computer)

LDAP User Name Attribute \* sAMAccountName

LDAP Base DN \* DC=cable,DC=comcast,DC=com

Save Changes **Validate Configuration**

Required fields are marked with \* and must be filled in to complete the form.



## Step6: Save change

If **validation log** is green click on **Save changes**.

Users

User Groups

Create a New User Backend

Backend

icingaweb2

ldap

New User Backend

Create a new backend for authenticating your users. This backend will be added at the end of your authentication order.

The configuration has been successfully validated.

Validation Log

Connect without encryption  
LDAP bind to adapps.cable.comcast.com:389 (CN=etspadm,OU=Service Accounts,OU=Wes  
Microsoft Active Directory  
Windows Server 2012 (or newer)  
Supports STARTTLS: True  
Default naming context: DC=cable,DC=comcast,DC=com  
Searching for: objectClass "user" in DN "DC=cable,DC=comcast,DC=com" (Filter: !(  
1000 users found in backend

Backend Type • LDAP

Backend Name • ldap1

LDAP Connection • ad

Discover

LDAP User Object Class • user

LDAP Filter • !(objectClass=computer)

LDAP User Name Attribute • sAMAccountName

LDAP Base DN • DC=cable,DC=comcast,DC=com

Save Changes

Validate Configuration

Required fields are marked with \* and must be filled in to complete the form.