

# Allow any Active Directory user to access a folder on Apache 2.4 hosted on Linux

When you need to protect a folder on your Apache 2.4 web server installed on a Linux system (on Ubuntu in my case), here is how you do it: First you need to enable Apache modules 'ldap' and 'authnz\_ldap'. You can do it on Ubuntu 14.04 by issuing the following command:

```
sudo a2enmod authnz_ldap
```

It will enable both modules.

Let's assume the following configuration: AD FQDN: sub.domain.intern AD server IP: 10.0.0.1 AD User: ldapqueryuser AD Password: ldapquerypassword Folder you want to protect is inside the default host: /var/www/html/ad

Here is the code you need to paste into Apache config file:

```
<Directory /var/www/html/ad/>
    AuthLDAPBindDN "ldapqueryuser@sub.domain.intern"
    AuthLDAPBindPassword "ldapquerypassword"
    AuthLDAPURL
"ldap://10.0.0.1:389/dc=sub,dc=domain,dc=intern?sAMAccountName?sub?(objectClass=*)"
    Order deny,allow
    Allow from all
    AuthLDAPBindAuthoritative off
    AuthType Basic
    AuthName "ENTER YOUR ACTIVE DIRECTORY CREDENTIALS"
    AuthBasicProvider ldap
    Require valid-user
</Directory>
```

You can change the folder so you can protect the whole web site, or another sub folder. AuthLDAPBindDN, AuthLDAPBindPassword and AuthLDAPURL must be inside double quotes.

I hope this helps you more than other tutorials helped me. For more information on how to allow certain groups or list of users, visit the [Apache site](#).

If you plan to run a PHP script in that location, the username will be available to PHP in the \$\_SERVER['REMOTE\_USER'] variable.

## Group membership

```
AuthName "AD authentication"
AuthBasicProvider ldap
AuthType Basic
AuthLDAPGroupAttribute member
AuthLDAPGroupAttributeIsDN On
```

```
AuthLDAPURL ldap://{AD-Hostname/IP}:389/cn=Users,dc={your Domain  
DN}?sAMAccountName?sub?(objectClass=*)  
AuthLDAPBindDN cn=apache-connect,cn=Users,{your Domain DN}  
AuthLDAPBindPassword {password}  
require ldap-group cn=test,cn=Users,{your Domain DN}
```

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