

# Using Active Directory for Remote Authentication

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It is possible to use Remote Authentication with your LDAP server.

## Before you start:

- We assume that you have some experience with remote authentication, with PHP, and with lightweight directory access protocols (LDAP).

## Requirements

LDAP support in PHP is not enabled by default. You will need to enable it. For more details check PHP documentation at <http://php.net/ldap>.

You may want to use Active Directory/PHP Helper library from <http://adldap.sourceforge.net>. If you do want to use it, download the library and place it into the *kb\_installation\_dir/admin/lib/custom* directory.

Here is an simple example of the function customized to authenticate against a LDAP server:

```
function remoteDoAuth($username, $password) {

    require_once 'custom/adLDAP.php';

    $auth = false;
    if(empty($username) || empty($password)) {
        return $auth;
    }

    //create the AD LDAP connection
    $adldap = new adLDAP();

    $user = array();
    $ldap_user = $adldap->user_info($username, array('*'));

    // if found, populate $user array
    if($adldap->authenticate($username, $password)){
        $user['first_name'] = $ldap_user[0]['givenname'][0];
        ...
    }

    return $user;
}
```

You can find more examples in *kb\_installation\_dir/admin/lib/custom* directory.

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