

# Using Remote Authentication

Remote authentication allows you to integrate your organization's authentication system with KBPublisher.

## Before you start:

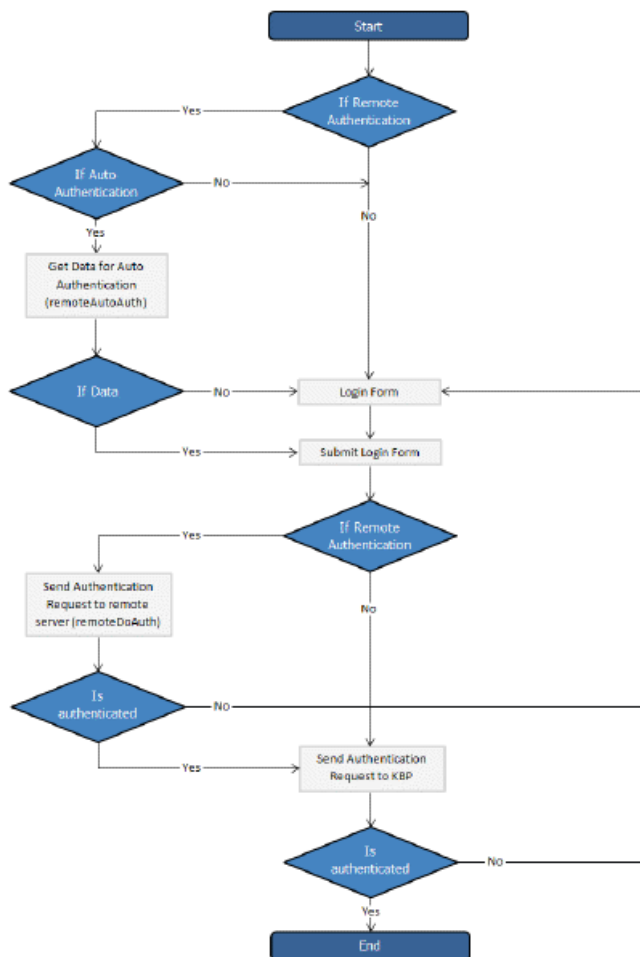
- We assume that you have some experience with PHP and with the system you are connecting to.

## Steps to enable Remote Authentication

- Click on **Settings -> Authentication Provider -> Remote**
- Check **Enable Remote Authentication** checkbox (make sure that `$conf['auth_remote']` in the file `admin/config.inc.php` is set to 1)
- Set required values for constants in file `admin/lib/custom/remote_auth.php`
- Customize the `_remoteDoAuth` function in the file `admin/lib/custom/remote_auth.php` to authenticate the username and password passed to it against your own authentication system
- Rename the function `_remoteDoAuth` to `remoteDoAuth`

## Quick summary of the process

- End user goes to site
- Remote Authentication checks for valid user credentials
  - If auto-authentication is set, does this automatically
  - If auto-authentication is not set, user logs in first
- KBPublisher authenticates the user .



## Customizing the remoteDoAuth function

In your installation there is a folder `admin/lib/custom`. Within that folder is a file called `remote_auth.php`. This file contains the `_remoteDoAuth` function. Customize this function to do authentication against your internal system by using the username and password provided.

Here is a simple example of the function customized to authenticate against a MySQL database:

```
function remoteDoAuth($username, $password) {  
  
    $user = false;  
    $db = &DBUtil::connect($conf);
```

```
$sql = "SELECT 1 FROM ss_user WHERE username = '%s' AND password = '%s'";
$sql = sprintf($sql, $username, $password);
$result = &$db->Execute($sql) or die(db_error($sql, false, $db));

// if found
if($result->RecordCount() == 1) {
    $user = 1; // assign a user id, this user id should exists in kb user table
}

return $user;
}
```

Also see examples in [attached files](#).

## Tracking logins

You can see how your remote authentication works in logs Logs/Logins

For debugging every last login is logged to a file called *last\_remote\_login.log* in the KBPublisher cache directory (*APP\_CACHE\_DIR* in *admin/config.inc.php*).

For example: */home/username/ kb\_cache/last\_remote\_login.log*

---

Article ID: 379

Last updated: 09 Oct, 2017

Updated by: Leontev E.

Revision: 5

User Manual v7.0 -> Single Sign On -> Remote Authentication -> Using Remote Authentication

<https://www.kbpublisher.com/kb/entry/379/>