



# Migrating MindTouch from one Linux server to another

## Overview

This reviews how to migrate MindTouch from instance to another when MindTouch is installed on Linux on both servers.

## Goal

After completing this tutorial you will have moved the MindTouch install from one server to another.

## Migrating From One MindTouch Instance To Another

Install a new instance of MindTouch on the server that you want to migrate to. After installation is complete, edit the LocalSettings.php file located in /var/www/dekiwiki and copy the \$wgDBAdminpassword value from that so that you can replace it in the files you migrate over. In the example below we would copy over "password" to use in the files after we migrate.

### LocalSettings.php

```
$wgDBAdminpassword = "password";
```

### Backing up your database

You can do this from command line by issuing the following command:

```
# mysqldump -udbusername -p db_name > db_name.sql
```

Note: If you have a multi-tenant installation of MindTouch, you have multiple databases and will need to back up each database separately.

### Backing up your attachments

```
# cd /path/to/dekiwiki/;  
# tar cvzpf attachments.tar.gz attachments
```

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## Backing up Service Storage

**\*Note: This step is deprecated in MindTouch 10.x and newer, and should only be used for version 9.12.3, and below. As of 10.x, notifications are stored within the database.**

Folders with the name `_x002f_` contain service information that is important to MindTouch like page notifications, licensing and other service storage. Make sure that you back this up and restore it by doing the following

```
cd /var/www/dekiwiki/bin
tar cvzpf serviceinfo.tar.gz _x002f_*
```

## Move files to new instance

Copy the backed-up files via scp to the new server:

```
# scp /path/to/db_name.sql root@destination.server:/path/to/MindTouch
# scp /path/to/attachments.tar.gz root@destination.server:/path/to/MindTouch
# scp /path/to/dekiwiki/LocalSettings.php root@destination.server:/var/www/dekiwiki/
# scp /etc/dekiwiki/mindtouch.deki.startup.xml root@destination.server:/etc/dekiwiki/
# scp /etc/dekiwiki/mindtouch.host.conf root@destination.server:/etc/dekiwiki/
# scp /path/to/serviceinfo.tar.gz root@destination.server:/path/to/MindTouch
```

## Restoring your database

First, you will need to drop the default database:

```
mysqladmin -udbusername -pdbuserpassword drop db_name;
```

Recreate the database, and restore the backup by typing the following commands:

```
# mysql -udbusername -pdbuserpassword
mysql> create database wikidb default charset utf8;
```

Exit mysql, and restore the database by entering the following:

```
# mysql -udbusername -p db_name < db_name.sql
```

Note: If you have a multi-tenant installation of MindTouch, you have multiple databases and will need to restore each database separately.

## Restoring Service Storage

**\*Note: This step is deprecated in MindTouch 10.x and newer, and should only be used for version 9.12.3, and below. As of 10.x, notifications are stored within the database.**

Run the following commands to restore page notifications:

```
# mv serviceinfo.tar.gz /var/www/dekiwiki/bin
```

Then run the following to restore page notifications.

```
# tar xvzpf serviceinfo.tar.gz
```

## Restoring your attachments

```
# cd /path/to/deki/;  
# tar xvzpf attachments.tar.gz  
# chown -R dekiwiki /var/www/dekiwiki/attachments
```

If you are running on a MindTouch VMware Virtual Machine then run the following:

```
# chown -R www-data /var/www/dekiwiki/attachments
```

## Update Config files with wikiuser password

Now that we have migrated over all of the files from the old server we need to change the database value in the `/var/www/dekiwiki/LocalSettings.php` file and the `/etc/dekiwiki/mindtouch.deki.startup.xml` file. Below you want to take and replace "password" with the wikiuser password from your old install that you copied at the beginning of this tutorial.

### LocalSettings.php

```
$wgDBadminpassword = "password";
```

### mindtouch.deki.startup.xml

```
<db-password hidden="true">password</db-password>
```

## Update Database

Now change directory to `/var/www/dekiwiki/maintenance`, and run the following:

```
# php update-db.php
```

Rebuild the stored procedures by entering the following command and replacing **dbusername** and **dbuserpassword** with your root login credentials:

**\*Note: This step is deprecated in MindTouch 10.x and newer, and should only be used for version 9.12.3, and below. As of 10.x, notifications are stored within the database.**

```
# cat /var/www/dekiwiki/maintenance/archives/funcs-util.sql | sed -e 's/{$wgDBAdminuser}/wikiuser/' | mysql -udbusername -pdbuserpassword wikidb
```

Finally, restart MindTouch:

```
# /etc/init.d/dekiwiki restart
```

## Rebuild Search Index

After you have migrated your install you'll need to rebuild the search index. This can be done by going to Control Panel -> Cache Management and then clicking **Rebuild Now**

## What's Next

You will need a new license for the new server. [Contact support](#) if you have a commercial license. If you have any question and have a commercial support plan please don't hesitate to [contact support](#). If you don't have support you can post to [our forums](#).

## Related

- [Migrating MindTouch](#)

