# Enabling SSH Access on the MindTouch VMWare Appliance

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The MindTouch VM comes with SSH enabled, however, the root login is disabled for security purposes. In order to remotely administer your MindTouch VM, you will need to explicitly allow the root account to login via SSH. For security reasons, only enable SSH access if you absolutely need it. If you have constant access to the VMWare console, you should perform all administrative tasks from there.

**\*Note: If you have a firewall enabled, make sure you open port 22 otherwise you won't be able to connect to the server.\***

## Standard Method

1. Open your MindTouch VM in the VMWare console.
2. Change the password of the root account by running the following command:

```
# passwd root
```

3. After you have set the password for the root account, we need to permit root login via SSH. The first step is opening the SSH daemon configuration file for editing by running the following command:

```
# nano /etc/ssh/sshd_config
```

Scroll down until you see the following line:

```
PermitRootLogin no
```

We need to change this to:

```
PermitRootLogin yes
```

Now save the file by hitting Ctrl-O and exit the editor by hitting Ctrl-X.

4.  Restart the SSH daemon by running the following command:

```
# /etc/init.d/ssh reload
```

Now you can login to your MindTouch VM by using PuTTY or any other SSH client.

## More Secure Method

1. Log in as root using the VMWare console.
2. Create a limited user account by running the following:

```
# adduser <username>
```

3.  Set the password of the newly created account:

```
# passwd <username>
```

4.  SSH in as that user and become root using `su -` or `sudo -s -H` and entering your root password.