

Linux - Samba Setup No Authentication

Step 1: Install Samba on Linux

To get started out with **Samba**, install the **Samba** core packages including the client package:

```
dnf install -y samba samba-common samba-client
```

The command installs the packages specified along with the dependencies as displayed on the output. After the installation is complete, you will get a summary of all the packages that have been installed.

Samba Installation Completes

Step 2: Create and Configure Samba Shares

Once all the **samba** packages have been installed, the next step is to configure the **samba shares**. A samba share is simply a directory that is going to be shared across client systems in the network.

Next, we are going to make some configurations in the **smb.conf** configuration file which is Samba's main configuration file. But before we do so, we will back up the file by renaming it with a different file extension.

```
mv /etc/samba/smb.conf /etc/samba/smb.conf.bak
```

Next, we are going to create a new configuration file.

```
vim /etc/samba/smb.conf
```

This will define the samba share by adding the lines shown in the configuration file.

```
[global]
unix charset = UTF-8
hosts allow = 192.168.253.
map to guest = Bad User
log file = /var/log/samba/log.%m
log level = 1
server role = standalone server
```

```
[httpd]
path = /etc/httpd/
read only = no
guest ok = yes
guest only = yes
force user = apache
force group = apache
```

```
[html]
path = /var/www/html/
read only = no
guest ok = yes
guest only = yes
force user = apache
force group = apache
```

```
[top]
path = /
read only = no
guest ok = yes
guest only = yes
force user = root
force group = root
```

Save and exit the configuration file.

To verify the configurations made, run the command:

```
testparm
```

This verifies Samba Configuration

Next, start and enable Samba daemons as shown.

```
systemctl enable --now smb;systemctl enable --now nmb
```

Be sure to confirm that both the **smb** and **nmb** daemons are running.

```
systemctl status smb;systemctl status nmb
```

This verified Samba Status

Step 3: Accessing Samba Share from Windows

Thus far, we have installed **samba** and configured our **samba share**. We are now ready to access it remotely. To do this on a Windows client, press the Windows logo `key + R` to launch the **Run** dialog.

In the textfield provided, enter the samba server's IP address as shown:

```
\\server-ip
```

This accesses Samba Share from Windows

Some data from here

https://wiki.samba.org/index.php/Setting_up_Samba_as_a_Standalone_Server

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