

# របៀបតំឡើង Samba File Server

- Samba គឺជា Service មួយមានដែលអាចអនុញ្ញាតឱ្យអោយ Window ធ្វើការទំនាក់ទំនងមកកាន់ Linux បានហើយមានតួនាទីជាច្រើនដូចជា File Server, Print Server, Domain Controller, និងជា Member of Window... ជាដើម។
- Samba Domain Controller ជាចំណុចកណ្តាលមួយដែលវាធ្វើការគ្រប់គ្រងទៅលើធនធានផ្សេងៗដូចជា User, Computer, Contact, OU, Group, Group Policy...
- Samba File Sharing: យើងអាចធ្វើការចែករំលែកទិន្នន័យទៅម៉ាស៊ីន Client អាចប្រើប្រាស់បានដូចជា File Sharing, Printer Sharing....
- ដើម្បីធ្វើត្រូវតំលើង Package ឈ្មោះ Samba ដោយប្រើនូវដូចខាងក្រោម

# របៀបតំឡើង Samba File Server

## Scenario

In this tutorial, we use two systems as described below

### **Samba server:**

Operating system : CentOS 6.x

Hostname : CentosServer

IP Address : 192.168.1.50/24

### **Samba client:**

Operating system : Windows 7 Professional

Hostname : client

IP Address : 192.168.1.51/24

# របៀបកំឡើង Samba File Server

## 1- Install Package

```
#yum install samba samba-client samba-common
```

## 2- Create sharing folder

```
#mkdir -p /home/samba/share
```

```
#chmod -R 777 /home/samba/share
```

## 3- Backup file smb.conf before edit

```
#cp /etc/samba/smb.conf /etc/samba/smb.conf.backup
```

# របៀបកំឡើង Samba File Server

4- Edit file smb.conf

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

```
workgroup = WORKGROUP
```

```
[sharename]
```

```
comment = Insert a comment here
```

```
path = /Samba/Share/
```

```
browsable = yes #show ShareName
```

```
guest ok = yes #allow anonymous
```

```
read only = no
```

```
create mask = 0777
```

```
directory mask = 0777
```

# របៀបកំឡើង Samba File Server

5- Start samba service

```
#service smb start
```

6- To start samba service automatically while booting

```
#chkconfig smb on
```

7- To check service samba

```
#service smb status
```

8- Samba Testing

```
#testparm
```

# របៀបកំឡើង Samba File Server

## 9- Disable SELINUX

```
#vim /etc/sysconfig/selinux  
  
SELINUX=disabled
```

## 10 – In casse Selinux not disable

```
#chcon -Rt samba_share_t /home/samba/anyone/
```

## 11 - Disable firewall

Type the following command as the root user to disable firewall for IPv4:

```
# service iptables save  
  
# service iptables stop  
  
# chkconfig iptables off  
  
#service iptables status
```

## 12- Testing

Window client: click start → Run and enter the samba server IP address

# របៀបកំឡើង Samba File Server (Configure a authenticated share )

## 1- Configure file smb.conf

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

[public]

path = /home/samba/public

browsable = yes

guest ok = yes

writable = yes

create mask = 0644

directory mask = 0755

[ADMIN-Dept]

path = /home/samba/admins

browsable = yes

guest ok = no

writable = yes

create mask = 0660

directory mask = 0770

force group = +admin

[ACCOUNT-Dept]

path = /home/samba/accounts

browsable = yes

guest ok = no

writable = yes

create mask = 0660

directory mask = 0770

force group = +account

# របៀបកំឡើង Samba File Server (Configure a authenticated share )

## 2- Create Sharing folder

```
#mkdir /home/samba/public
```

```
#chmod 777 /home/samba/pubic
```

```
#mkdir /home/samba/admin
```

```
#chmod 777 /home/samba/admin
```

```
#mkdir /home/samba/account
```

```
#chmod 777 /home/samba/account
```



# របៀបកំឡើង Samba File Server (Configure a authenticated share )

## 3- Create group and user

```
#groupadd public
```

```
#groupadd admin
```

```
#groupadd account
```

```
#useradd -m pany -g public
```

```
#useradd -m ada -g admin
```

```
#useradd -m aca -g account
```

# របៀបកំឡើង Samba File Server (Configure a authenticated share )

## 4- Add user into samba

```
#smbpasswd -a pany
```

```
type: new password
```

```
#smbpasswd -a ada
```

```
type: new password
```

```
#smbpasswd -a aca
```

```
type: new password
```

# របៀបកំឡើង Samba File Server

5- Start samba service

```
#service smb start
```

6- To start samba service automatically while booting

```
#chkconfig smb on
```

7- To check service samba

```
#service smb status
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8- Samba Testing

```
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