

Файловые сервисы UNIX для пользователей Windows

Установка

FreeBSD

```
[gate:~]# pkg_add -r samba3
[gate:~]# cat /etc/rc.conf
...
nmbd_enable="YES"
smbd_enable="YES"
winbindd_enable="NO"
...

[gate:~]# rehash
[gate:~]# cd /usr/local/etc/
```

Ubuntu

```
root@gate:~# apt-get install samba

root@gate:~# cd /etc/samba/
```

Публичный каталог доступный на чтение

FreeBSD/Ubuntu

```
gate# cat smb.conf
[global]
    workgroup = CORPX
    security = share
[share]
    path = /usr/share
    guest ok = yes
```

или

```
[global]
    workgroup = CORPX
    security = user
    map to guest = Bad User
[share]
    path = /usr/share
    guest ok = Yes
```

```
gate# testparm
```

Публичный каталог доступный на запись

FreeBSD/Ubuntu

```
gate# mkdir /var/samba
```

```
gate# cat smb.conf
[global]
    workgroup = CORPX
    security = share
    hosts allow = 192.168.X.
[share]
    path = /var/samba
    guest ok = yes
    read only = no
```

```
gate# chmod 777 /var/samba
```

или

```
[global]
    workgroup = CORPX
    security = user
    hosts allow = 192.168.X.
    map to guest = Bad User
[share]
    path = /var/samba
    guest ok = yes
    read only = no
    force user = nobody
```

```
gate# chown -R nobody /var/samba
```

```
gate# testparm
```

Идентификация доступа к файловому серверу на основе копии базы данных учетных записей (smbd должен быть запущен)

```
gate# adduser user1
```

```
...
```

```
gate# adduser userN
```

```
gate# smbpasswd -a user1
```

```
...
```

```
gate# smbpasswd -a userN
```

```
gate# pdbedit -w -L
```

```
gate# cat smb.conf
```

```
[global]
    workgroup = CORPX
```

```

        security = user
[share]
    path = /var/samba
#    valid users = user1, ... ,userN
    valid users = @wheel
    force user = nobody
    read only = No
gate# mkdir /var/samba

gate# chown -R nobody /var/samba

```

Или для всех пользователей с домашними каталогами

```

[global]
    workgroup = CORPX
    security = user
[homes]
    read only = no

```

WINBIND авторизация в Microsoft AD

Настройка службы winbindd

```

gate# cat smb.conf
[global]
    workgroup = CORPX
    security = DOMAIN

    winbind use default domain = Yes
    winbind enum users = yes
    winbind enum groups = yes
    winbind cache time = 36
    idmap uid = 20000-40000
    idmap gid = 20000-40000
    template homedir = /home/%U
    template shell = /bin/sh

```

Запуск службы winbindd

FreeBSD

```

[gate:~]# /usr/local/etc/rc.d/samba restart

```

Ubuntu

```

root@gate:~# /etc/init.d/winbind restart

```

Проверки

```
gate# ntlm_auth --username=user  
password:  
NT_STATUS_OK: Success (0x0)
```

```
gate# wbinfo -u  
...
```

```
gate# wbinfo -g  
...
```

Настройка библиотеки nsswitch на использование winbind

```
gate# cat /etc/nsswitch.conf  
...  
group: files winbind  
passwd: files winbind  
shadow: files winbind # for linux only  
...
```

```
gate# wbinfo -n user  
gate# wbinfo -S ...
```

```
gate# id user
```

```
gate# chown -R user:'domain users' /home/user/  
gate# chown user:'domain users' /var/mail/user
```

Идентификация доступа к файловому серверу на основе регистрации в AD

```
gate# cat smb.conf  
...  
[homes]  
    read only = no  
[share]  
    path = /var/samba  
#    valid users = CORPX\user1, CORPX\Administrator  
    valid users = "@CORPX\domain users"  
    read only = no  
    force user = nobody
```