

rsyncd

На машине с которой нужно получить бекап (server).

```
$ sudo yum install -y rsync
```

```
$ sudo vim /etc/rsyncd.conf
```

```
# /etc/rsyncd: configuration file for rsync daemon mode
```

```
# See rsyncd.conf man page for more options.
```

```
# configuration example:
```

```
uid = nobody
```

```
gid = nobody
```

```
use chroot = no
```

```
max connections = 4
```

```
pid file = /var/run/rsyncd.pid
```

```
exclude = lost+found/
```

```
transfer logging = yes
```

```
# timeout = 900
```

```
# ignore nonreadable = yes
```

```
dont compress = *.gz *.tgz *.zip *.z *.Z *.rpm *.deb *.bz2
```

```
[sdata]
```

```
path = /home/lora/_backup/SDATA/
```

```
comment = SDATA imp
```

```
hosts allow = xxx.xxx.xxx.xxx yyy.yyy.yyy.yyy
```

```
secrets file = /etc/rsync.d/rsyncd.secrets
```

```
$ sudo mkdir -p /etc/rsync.d
```

```
$ sudo cat /etc/rsync.d/rsyncd.secrets
```

```
lora:password
```

На машине с которой будет производиться синхронизация (клиент)

```
$ sudo yum install -y rsync
```

```
$ sudo vim /etc/rsyncd.conf
```

```
# Set this if you want to stop rsync daemon with rc.d scripts
```

```
pid file = /var/run/rsyncd.pid
motd file = /etc/rsync.d/new_motd
exclude = lost+found/
transfer logging = yes
log file = /var/log/rsyncd.log
```

Edit this file before running rsync daemon!!

```
uid = nobody
gid = nobody
use chroot = no
max connections = 4
```

```
dont compress = *.gz *.tgz *.zip *.z *.Z *.rpm *.deb *.bz2
```

```
[sdata]
    path = /home/lora/_backup/SDATA/
    comment = SDATA
    auth users = lora
    secrets file = /etc/rsync.d/rsyncd.secrets
```

Firewalld

На клиенте и на сервере открываем порт (873) или разрешаем сервис

```
$ sudo firewall-cmd --get-active-zones
$ sudo firewall-cmd --zone=public --list-all
$ sudo firewall-cmd --permanent --zone=public --add-
service=http
$ sudo firewall-cmd --reload
$ sudo firewall-cmd --list-all
public (active)
    target: default
    icmp-block-inversion: no
    interfaces: enp64s0
    sources:
    services: ssh samba rsyncd
    ports: 5001/tcp
    protocols:
    masquerade: no
    forward-ports:
```

```
source-ports:
icmp-blocks:
rich rules:
```

Включаем сервис и добавляем в автозагрузку

```
$ sudo systemctl start rsyncd
$ sudo systemctl status rsyncd
$ sudo systemctl enable rsyncd
```

Проверяем слушается ли порт

```
$ ss -tul | grep rsync
tcp    LISTEN    0    5      *:rsync    *:*
tcp    LISTEN    0    5      :::rsync   :::*
```

на клиенте запускаем скрипт вида

```
$ vim rsync_backup_sdata.sh
```

```
#!/bin/sh
#
rsync -urlogt --password-file=/etc/rsync.d/rsyncd.secrets
lora@192.168.0.19::sdata /home/lora/_backup/SDATA/

$ chmod +x rsync_backup_sdata.sh
```

Настройка SELinux

При попытке синхронизировать в логах появилось сообщение вида:

```
avc: denied { search } for pid=26577 comm="rsync" name="lora"
dev="md124" ino=99 scontext=system_u:system_r:rsync_t:s0
tcontext=unconfined_u:object_r:user_home_dir_t:s0 tclass=dir
```

Запускаем и следуем рекомендациям

```
# sealert -a /var/log/audit/audit.log

# semanage fcontext -a -t rsync_data_t "/home/lora(/.*)?"
# restorecon -Rv /home/lora/
```

Теперь:

```
$ ls -Zd
```

```
drwx----- . lora lora unconfined_u:object_r:rsync_data_t:s0
```

Пробуем соединиться. Если все нормально ставим на клиенте задание в крон:

```
$ sudo crontab -e
```

```
45 2 * * * /home/lora/bin/rsync_backup_sdata.sh
```