


# Bacula Storage:

- Bacula:
- Bacula:
  - Bacula Director:
  - Bacula Storage:
  - Bacula FileDaemon ():
- Bacula: .
- Bacula: BackUp and Restore
  - Bacula:
  - Bacula:
- 
- Bacula Storage
  - (Main conf)
  - 
  - 
  - 
  - 
  - 
  - 
  - (chmod and chown on file)
- 

 :

1.

2.

3.

4.

5.

6.

:

```
sudo apt install bacula-common-pgsql bacula-bscan
```

## Bacula Storage

Bacula Storage **/etc/bacula/bacula-sd.conf** 300 , . . .

Bacula :

```
sudo mkdir /etc/bacula/backup-default-conf
```


:

```
sudo mv /etc/bacula/bacula-sd.conf /etc/bacula/backup-default-conf/bacula-sd.conf
```

():

```
sudo touch /etc/bacula/bacula-sd.conf
```

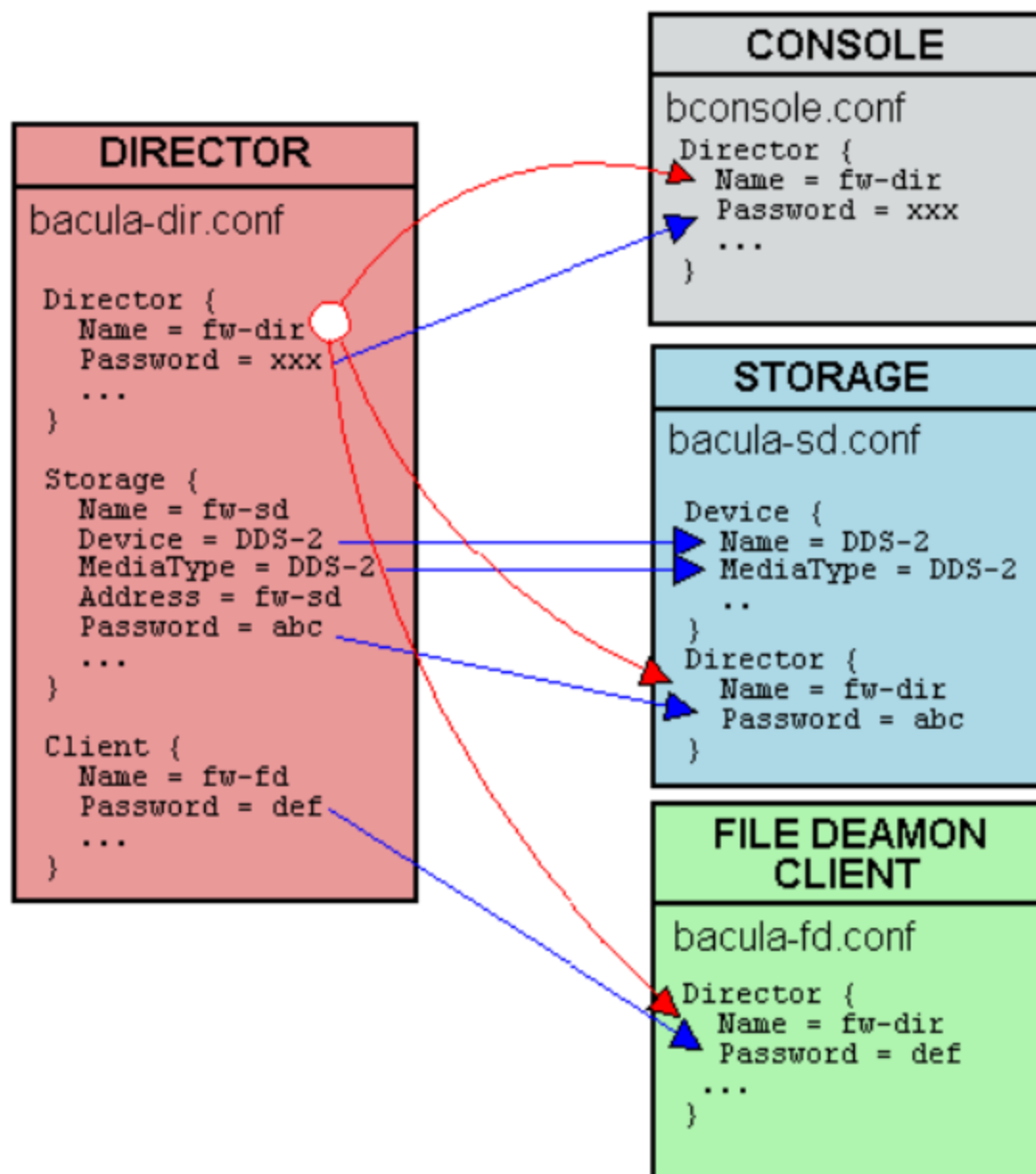
### (Main conf)

 IP

```
Storage {
```

```
#
Name = stor-sd
# ( )
SDPort = 9103
# -
WorkingDirectory = "/var/lib/bacula"
# pid-
Pid Directory = "/run/bacula"
# .
# ( )
Maximum Concurrent Jobs = 1
# fqdn IP-
SDAddress = 192.168.244.80
}
```

, ( /etc/bacula/bacula-sd.conf ):



```
Director {
    #
    Name = dir-dir
    #
    Password = "storpas"
}
```

Autochanger. , , , , .

Autochanger .

```
Autochanger {  
    # , ( Device Storage)  
Name = Autochanger1  
    # ( Device)  
Device = FileChgr1-Dev1, FileChgr1-Dev2  
    # /dev/null ,  
    # (%o - (load, unload), %a - , %c - ..)  
Changer Command = "  
    # /dev/null  
Changer Device = /dev/null  
}
```

2 : "FileChgr1-Dev1" "FileChgr1-Dev2".

**FileChgr1-Dev1:**

```
sudo mkdir /backups/files1/  
sudo chmod 755 /backups/files1/  
sudo chown bacula:bacula /backups/files1/
```

**FileChgr1-Dev2:**

```
sudo mkdir /backups/files2/  
sudo chmod 755 /backups/files2/  
sudo chown bacula:bacula /backups/files2/
```

```
Device {  
    # ( )
```

```

Name = FileChgr1-Dev1

#    ;

#    ,    ;

#    Media Type,

# ..    Media Type,

Media Type = File1

#    ()

#

Archive Device = /backups/files1

#

#    LabelFormat    Pool

LabelMedia = yes

#    () .

#    File    yes

Random Access = Yes

#    ,

AutomaticMount = yes

#    .    Tape, CD    ..

#    no

RemovableMedia = no;

#    ,

AlwaysOpen = no;

#    .

# (    )

Maximum Concurrent Jobs = 1

}

Device {

Name = FileChgr1-Dev2

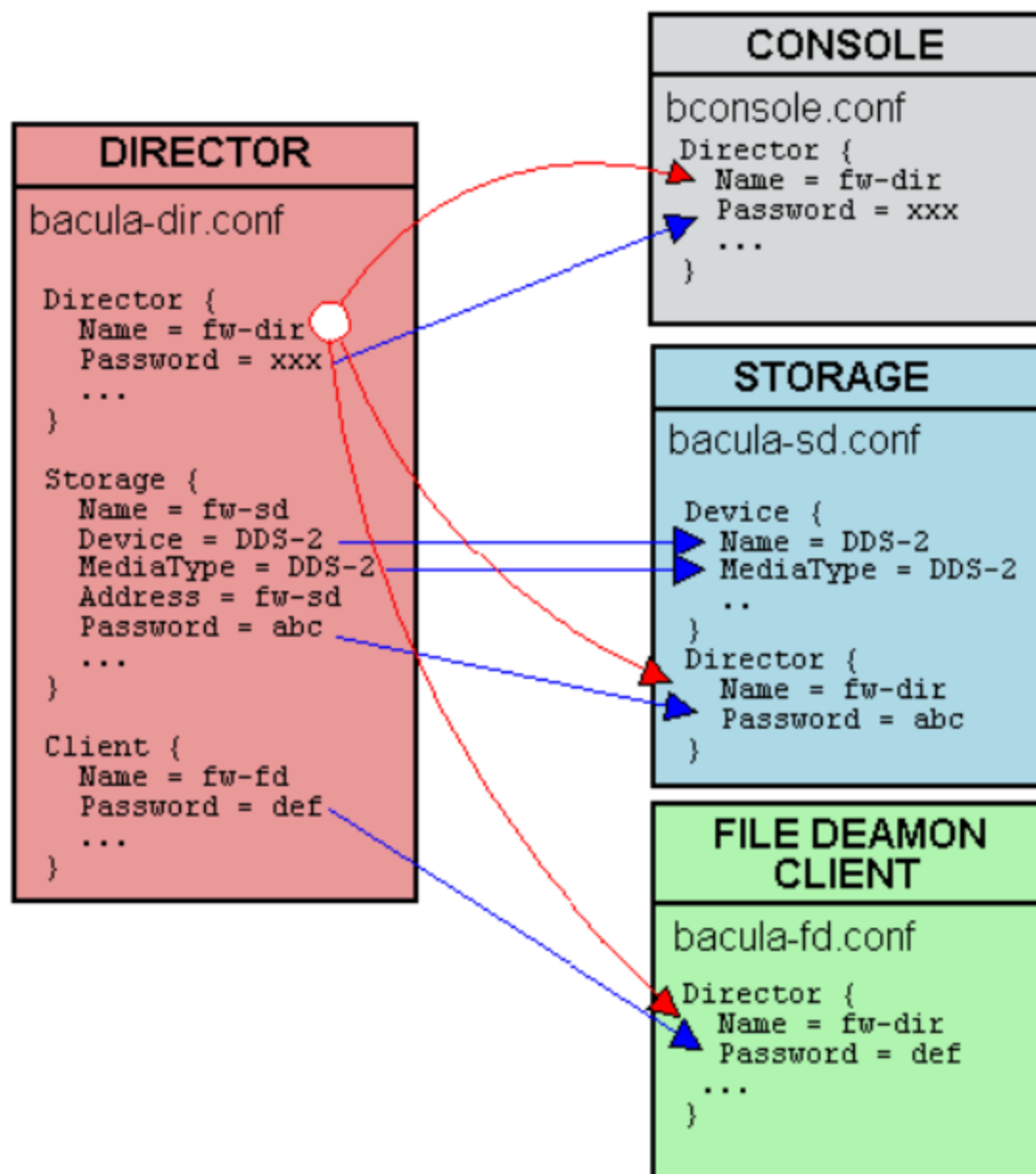
```

```
Media Type = File1
Archive Device = /backups/files2
LabelMedia = yes
Random Access = Yes
AutomaticMount = yes
RemovableMedia = no
AlwaysOpen = no
Maximum Concurrent Jobs = 1
}
```

```
Messages {
Name = Standard
director = dir-dir = all
}
```



IP



```
Storage {

    #

    Name = stor-sd

    #      (    )

    SDPort = 9103

    #      -

    WorkingDirectory = "/var/lib/bacula"
```

```

# pid-
Pid Directory = "/run/bacula"

# .

# ( )

Maximum Concurrent Jobs = 1

# fqdn IP-
SDAddress = 192.168.244.80
}

Director {
#
Name = dir-dir
#
Password = "storpas"
}

Autochanger {
# , ( Device Storage)
Name = Autochanger1
# ( Device)
Device = FileChgr1-Dev1, FileChgr1-Dev2
# /dev/null ,
# (%o - (load, unload), %a - , %c - ..)
Changer Command = ""
# /dev/null
Changer Device = /dev/null
}

Device {

```



```

#      (      )
Name = FileChgr1-Dev1

#      ;

#      ,      ;

#      Media Type,

# ..      Media Type,
Media Type = File1

#      ( )

#

Archive Device = /backups/files1

#

#      LabelFormat      Pool
LabelMedia = yes

#      ( ) .

#      File      yes
Random Access = Yes

#      ,

AutomaticMount = yes

#      .      Tape, CD      ..

#      no

RemovableMedia = no;

#      ,

AlwaysOpen = no;

#      .

#      (      )

Maximum Concurrent Jobs = 1
}

Device {

```

```

Name = FileChgr1-Dev2

Media Type = File1

Archive Device = /backups/files2

LabelMedia = yes

Random Access = Yes

AutomaticMount = yes

RemovableMedia = no

AlwaysOpen = no

Maximum Concurrent Jobs = 1

}

Messages {

Name = Standard

director = dir-dir = all

}

```

### (chmod and chown on file)

:

```

sudo chmod 644 /etc/bacula/bacula-sd.conf

sudo chown root:bacula /etc/bacula/bacula-sd.conf

```

:

```

sudo systemctl restart bacula-sd.service

```

, .

- Bacula , Bacula .

:

```

sudo journalctl -xe

```



, , (!!!) .