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
```

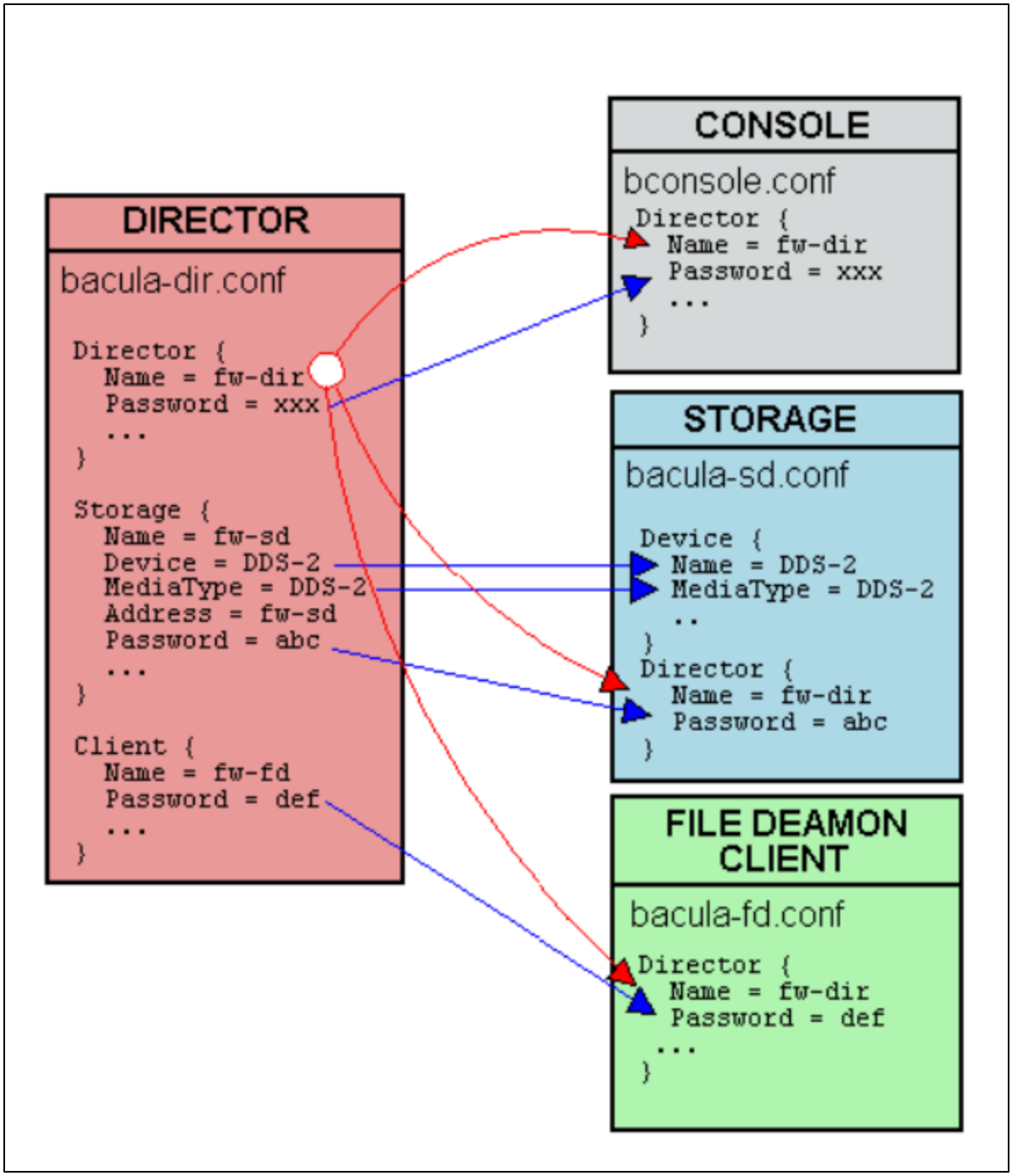
(Main conf)

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 = "storpass"

}
```

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

}
```

.

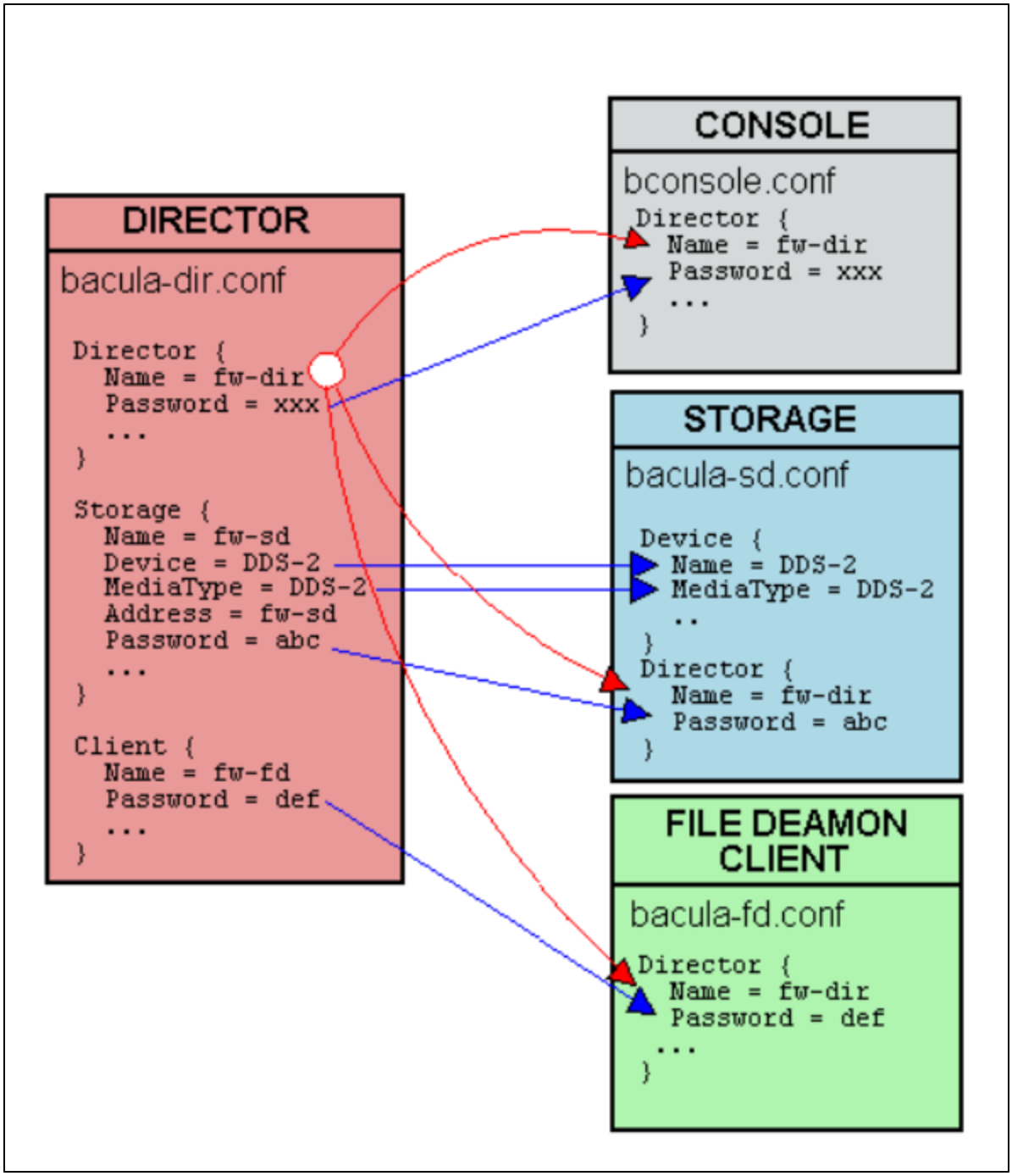
```
Messages {

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 = "storpass"
}

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
```

, , (!!!) .