

# BACULA

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- , [Bacula](#)
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  - [Bacula Director:](#)
  - [Bacula Storage:](#)
  - [Bacula FileDaemon \(\):](#)
- [Bacula:](#) .
- [Bacula:](#) [BackUp and Restore](#)
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:

- Astra Linux Special Edition .10015-01 ( 1.7), .10015-10  
Astra Linux Special Edition .10015-17  
Astra Linux Special Edition .10015-37 ( 7.7)  
Astra Linux Special Edition .10015-03 ( 7.6)  
Astra Linux Special Edition .10152-02 ( 4.7)
- Astra Linux Special Edition .10015-01 ( 1.6)  
c [20190222SE16 \( 2\)](#)
- Astra Linux Special Edition .10015-16 . 1  
c [20201007SE16](#)
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 ( 8.1)
- Astra Linux Common Edition 2.12

## BACULA.



Astra Linux Special Edition () , .



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Bacula, , : « » /, . , , - . .  
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, (-), ( ) .

, , , ( ) , /, , « » , .  
// //, / / ( ) .

"" , .:

- "" :
  - Astra Linux Special Edition .10015-01 ( 1.6) [20190222SE16 \( 2\)](#);
  - Astra Linux Special Edition .10015-01 ( 1.7);
  - Astra Linux Special Edition .10152-02 ( 4.7)
  - [BACULA 7.4.4](#) .

:

1. **dir** - **192.168.244.70** (**DirectorDaemon**, );
2. **stor** - **192.168.244.80** (**StorageDaemon**, );
3. **client** - **192.168.244.90** (**FileDaemon**, ).

, Bacula

(Job) – .

(Volume) — , , CD, DVD. , .

(Pool) — . , .

(FileSet) — , . .

(Messages) — Bacula . , .

(bootstrap) — , . .

- **(Full backup)** — . . — .
- **(Differential backup)** — , Full backup. « », Full backup. Full backup, ( Full backup). Full backup , ( ) Full backup.
- **(Incremental backup)** — , Incremental backup. , . . Full backup . .

Full backup, « » . , Incremental backup. Differential backup , , , .

## Bacula

Bacula :

- (info)
- (warning)
- (error)
- (fatal)
- (terminate)
- (skipped);
- , (saved)
- , (notsaved)
- (restored)
- (mount)
- (security)
- (all).

Bacula — bsmtp, , smtp-.

Director Daemon **bacula-dir.conf**, Bacula, , .

{ }.

. : name, Name, "N a m e" .

« » . « » , , .

, , Client, FileSet, Pool, Job Backup Job Restore (Storage ), . /, bacula-dir.conf @. , , ., Client, FileSet, Pool, Job Backup Job Restore , Bacula, localhost.conf, bacula-dir.conf:

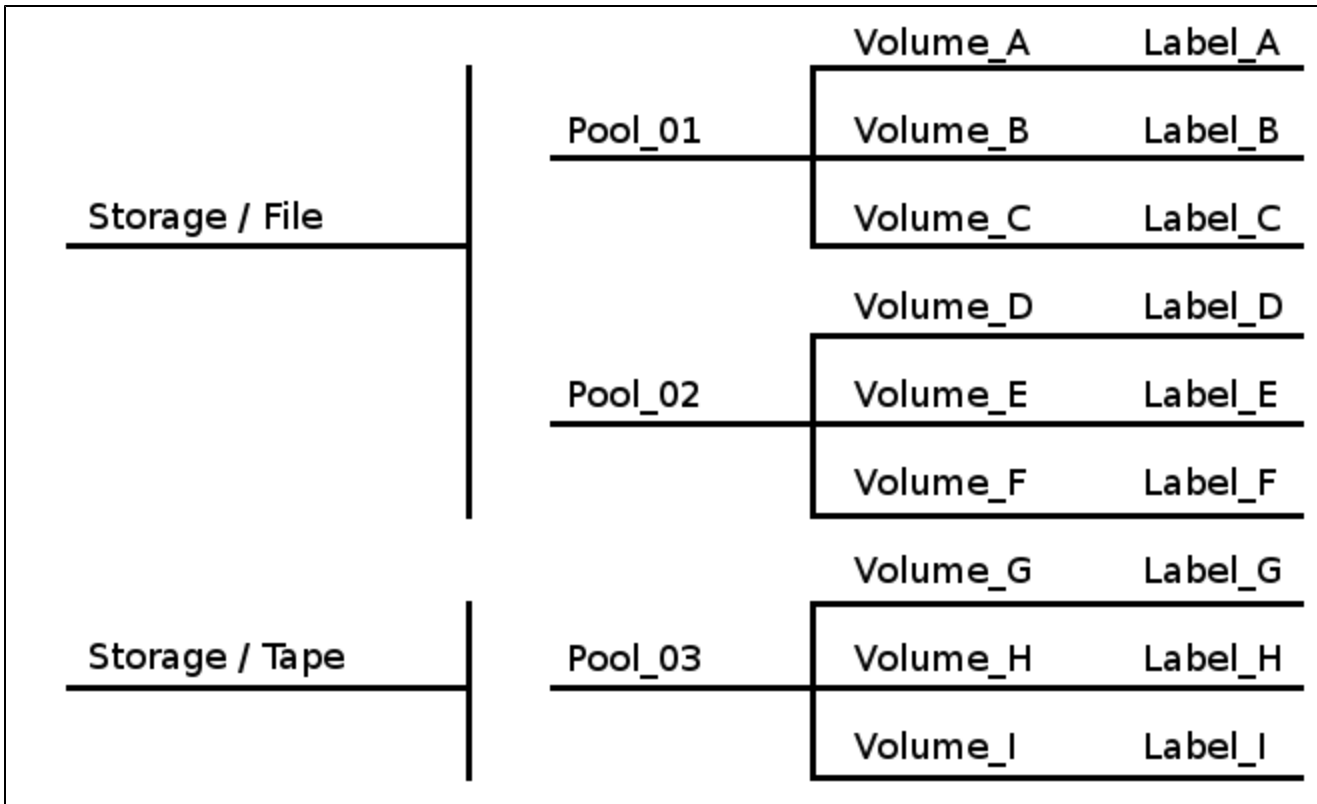
```
@/etc/bacula/conf.d/localhost.conf
```

Job . Job, Pool, Client, FileSet, Storage, Schedule.

6- :

1. **Job ()** — , , . , .
2. **Client ()** — , .
3. **FileSet ()** — \ , .
4. **Schedule ()** — , , , , .
5. **Storage ()** — . Device ( ) , .
6. **Pool ()** — , ( DVD, ). — ( **LabelFormat** ). **LabelMedia** = yes; bacula-sd.conf .. .

, ,



- (Volume) – , , , CD, DVD. , .
- (Pool) – . , .

bacula (volume), (label).

, , . . : "LabelMedia = yes", device sd "Label Format = LableName-"

: LableName-0001.

,:

```
"Label Format = LableName-${Year}_${Month}_${Day}"
```

(Job) ,,: , , , , , Maximum Volume Jobs.

- , ;
- , .

(Pool), , , , , ( , //). . , "Daily" () (Incremental) "Weekly" () (Full) . (Job) , . , Bacula , .

, . , (Pool, File set, Schedule Job) /etc/bacula/conf.d/testpool.conf, (bacula-dir.conf) :

```
@/etc/bacula/conf.d/testpool.conf
```

, (pool), (fileset) (schedule), (Job) . , , , . Maximum Volume Jobs 1. , , , , " - ",.. Bacula , . .

:

1. Storage Daemon (device), / ( Media Type = File). , sd storage. storage .
2. Director Daemon storage, :
  - a. sd ;
  - b. (device) sd
  - c. , storage (job).
  - d. (Pool)
  - e. storage (job), : Storage Pool

(storage) .

, ( , ) storage, .

, Storage JobDefault, defaultchedule.conf.  
: Client, FileSet, Pool, Job Backup Job Restore.

```
http://www.bacula.org/7.4.x-manuals/en/main/index.html
http://www.bacula.org/7.4.x-manuals/en/console/Console_Operators_Guide.html
https://ru.wikibooks.org/wiki/Bacula
https://ru.wikibooks.org/wiki/Bacula/Pools,_Volumes_and_Labels
https://kamaok.org.ua/?p=1517
https://habr.com/post/135291/
http://bog.pp.ru/work/bacula.html
https://www.altlinux.org/Bacula
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  - [Bacula FileDaemon \(\):](#)
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- [Bacula: BackUp and Restore](#)
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