login as: root

root@192.168.44.147's password:

Last login: Sat Jul 22 22:20:11 2023

[root@localhost ~]# ip a

1: lo: <LOOPBACK,UP,LOWER\_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000

link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00

inet 127.0.0.1/8 scope host lo

valid\_lft forever preferred\_lft forever

inet6 ::1/128 scope host

valid\_lft forever preferred\_lft forever

2: ens33: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc pfifo\_fast state UP group default qlen 1000

link/ether 00:0c:29:2b:29:a9 brd ff:ff:ff:ff:ff:ff

inet 192.168.44.147/24 brd 192.168.44.255 scope global noprefixroute dynamic ens33

valid\_lft 1698sec preferred\_lft 1698sec

inet6 fe80::e5bf:3c77:e6ad:114f/64 scope link noprefixroute

valid\_lft forever preferred\_lft forever

[root@localhost ~]# systemctl status firewalld

● firewalld.service - firewalld - dynamic firewall daemon

Loaded: loaded (/usr/lib/systemd/system/firewalld.service; enabled; vendor preset: enabled)

Active: active (running) since Sat 2023-07-22 22:14:25 IST; 7min ago

Docs: man:firewalld(1)

Main PID: 694 (firewalld)

CGroup: /system.slice/firewalld.service

└─694 /usr/bin/python2 -Es /usr/sbin/firewalld --nofork --nopid

Jul 22 22:14:25 localhost.localdomain systemd[1]: Starting firewalld - dynamic firewall daemon...

Jul 22 22:14:25 localhost.localdomain systemd[1]: Started firewalld - dynamic firewall daemon.

Jul 22 22:14:25 localhost.localdomain firewalld[694]: WARNING: AllowZoneDrifting is enabled. This is considered an insecure

[root@localhost ~]# yum install -y bacula-director bacula-storage bacula-console bacula-client mariadb-server httpd

Loaded plugins: fastestmirror

Determining fastest mirrors

\* base: centos.mirror.net.in

\* extras: centos.mirror.net.in

\* updates: centos.mirror.net.in

base | 3.6 kB 00:00:00

extras | 2.9 kB 00:00:00

updates | 2.9 kB 00:00:00

(1/4): base/7/x86\_64/group\_gz | 153 kB 00:00:00

(2/4): extras/7/x86\_64/primary\_db | 250 kB 00:00:00

(3/4): updates/7/x86\_64/primary\_db | 22 MB 00:00:00

(4/4): base/7/x86\_64/primary\_db | 6.1 MB 00:00:04

Resolving Dependencies

--> Running transaction check

---> Package bacula-client.x86\_64 0:5.2.13-23.1.el7 will be installed

--> Processing Dependency: bacula-common(x86-64) = 5.2.13-23.1.el7 for package: bacula-client-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbacpy-5.2.13.so()(64bit) for package: bacula-client-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbacfind-5.2.13.so()(64bit) for package: bacula-client-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbaccfg-5.2.13.so()(64bit) for package: bacula-client-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbac-5.2.13.so()(64bit) for package: bacula-client-5.2.13-23.1.el7.x86\_64

---> Package bacula-console.x86\_64 0:5.2.13-23.1.el7 will be installed

---> Package bacula-director.x86\_64 0:5.2.13-23.1.el7 will be installed

--> Processing Dependency: perl(strict) for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: perl(POSIX) for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: perl(Logwatch) for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: logwatch for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: /usr/bin/perl for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbacsql-5.2.13.so()(64bit) for package: bacula-director-5.2.13-23.1.el7.x86\_64

--> Processing Dependency: libbaccats-5.2.13.so()(64bit) for package: bacula-director-5.2.13-23.1.el7.x86\_64

---> Package bacula-storage.x86\_64 0:5.2.13-23.1.el7 will be installed

--> Processing Dependency: mt-st for package: bacula-storage-5.2.13-23.1.el7.x86\_64

---> Package httpd.x86\_64 0:2.4.6-99.el7.centos.1 will be installed

--> Processing Dependency: httpd-tools = 2.4.6-99.el7.centos.1 for package: httpd-2.4.6-99.el7.centos.1.x86\_64

--> Processing Dependency: /etc/mime.types for package: httpd-2.4.6-99.el7.centos.1.x86\_64

--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.6-99.el7.centos.1.x86\_64

--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.6-99.el7.centos.1.x86\_64

---> Package mariadb-server.x86\_64 1:5.5.68-1.el7 will be installed

--> Processing Dependency: mariadb(x86-64) = 1:5.5.68-1.el7 for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl-DBI for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl-DBD-MySQL for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl(Getopt::Long) for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl(File::Temp) for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl(File::Path) for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl(Data::Dumper) for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Processing Dependency: perl(DBI) for package: 1:mariadb-server-5.5.68-1.el7.x86\_64

--> Running transaction check

---> Package apr.x86\_64 0:1.4.8-7.el7 will be installed

---> Package apr-util.x86\_64 0:1.5.2-6.el7\_9.1 will be installed

---> Package bacula-common.x86\_64 0:5.2.13-23.1.el7 will be installed

---> Package bacula-libs.x86\_64 0:5.2.13-23.1.el7 will be installed

---> Package bacula-libs-sql.x86\_64 0:5.2.13-23.1.el7 will be installed

--> Processing Dependency: libpq.so.5()(64bit) for package: bacula-libs-sql-5.2.13-23.1.el7.x86\_64

---> Package httpd-tools.x86\_64 0:2.4.6-99.el7.centos.1 will be installed

---> Package logwatch.noarch 0:7.4.0-35.20130522svn140.el7\_5 will be installed

--> Processing Dependency: perl(Sys::MemInfo) for package: logwatch-7.4.0-35.20130522svn140.el7\_5.noarch

--> Processing Dependency: perl(Sys::CPU) for package: logwatch-7.4.0-35.20130522svn140.el7\_5.noarch

--> Processing Dependency: perl(Exporter) for package: logwatch-7.4.0-35.20130522svn140.el7\_5.noarch

--> Processing Dependency: perl(Date::Manip) for package: logwatch-7.4.0-35.20130522svn140.el7\_5.noarch

--> Processing Dependency: mailx for package: logwatch-7.4.0-35.20130522svn140.el7\_5.noarch

---> Package mailcap.noarch 0:2.1.41-2.el7 will be installed

---> Package mariadb.x86\_64 1:5.5.68-1.el7 will be installed

---> Package mt-st.x86\_64 0:1.1-14.el7 will be installed

---> Package perl.x86\_64 4:5.16.3-299.el7\_9 will be installed

--> Processing Dependency: perl-libs = 4:5.16.3-299.el7\_9 for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Socket) >= 1.3 for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Scalar::Util) >= 1.10 for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl-macros for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl-libs for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(threads::shared) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(threads) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(constant) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Time::Local) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Time::HiRes) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Storable) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Socket) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Scalar::Util) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Pod::Simple::XHTML) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Pod::Simple::Search) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Filter::Util::Call) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(File::Spec::Unix) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(File::Spec::Functions) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(File::Spec) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Cwd) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: perl(Carp) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

--> Processing Dependency: libperl.so()(64bit) for package: 4:perl-5.16.3-299.el7\_9.x86\_64

---> Package perl-DBD-MySQL.x86\_64 0:4.023-6.el7 will be installed

---> Package perl-DBI.x86\_64 0:1.627-4.el7 will be installed

--> Processing Dependency: perl(RPC::PlServer) >= 0.2001 for package: perl-DBI-1.627-4.el7.x86\_64

--> Processing Dependency: perl(RPC::PlClient) >= 0.2000 for package: perl-DBI-1.627-4.el7.x86\_64

---> Package perl-Data-Dumper.x86\_64 0:2.145-3.el7 will be installed

---> Package perl-File-Path.noarch 0:2.09-2.el7 will be installed

---> Package perl-File-Temp.noarch 0:0.23.01-3.el7 will be installed

---> Package perl-Getopt-Long.noarch 0:2.40-3.el7 will be installed

--> Processing Dependency: perl(Pod::Usage) >= 1.14 for package: perl-Getopt-Long-2.40-3.el7.noarch

--> Processing Dependency: perl(Text::ParseWords) for package: perl-Getopt-Long-2.40-3.el7.noarch

--> Running transaction check

---> Package mailx.x86\_64 0:12.5-19.el7 will be installed

---> Package perl-Carp.noarch 0:1.26-244.el7 will be installed

---> Package perl-Date-Manip.noarch 0:6.41-2.el7 will be installed

--> Processing Dependency: perl(Encode) for package: perl-Date-Manip-6.41-2.el7.noarch

---> Package perl-Exporter.noarch 0:5.68-3.el7 will be installed

---> Package perl-Filter.x86\_64 0:1.49-3.el7 will be installed

---> Package perl-PathTools.x86\_64 0:3.40-5.el7 will be installed

---> Package perl-PlRPC.noarch 0:0.2020-14.el7 will be installed

--> Processing Dependency: perl(Net::Daemon) >= 0.13 for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Test) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Log) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Compress::Zlib) for package: perl-PlRPC-0.2020-14.el7.noarch

---> Package perl-Pod-Simple.noarch 1:3.28-4.el7 will be installed

--> Processing Dependency: perl(Pod::Escapes) >= 1.04 for package: 1:perl-Pod-Simple-3.28-4.el7.noarch

---> Package perl-Pod-Usage.noarch 0:1.63-3.el7 will be installed

--> Processing Dependency: perl(Pod::Text) >= 3.15 for package: perl-Pod-Usage-1.63-3.el7.noarch

--> Processing Dependency: perl-Pod-Perldoc for package: perl-Pod-Usage-1.63-3.el7.noarch

---> Package perl-Scalar-List-Utils.x86\_64 0:1.27-248.el7 will be installed

---> Package perl-Socket.x86\_64 0:2.010-5.el7 will be installed

---> Package perl-Storable.x86\_64 0:2.45-3.el7 will be installed

---> Package perl-Sys-CPU.x86\_64 0:0.54-4.el7 will be installed

---> Package perl-Sys-MemInfo.x86\_64 0:0.91-7.el7 will be installed

---> Package perl-Text-ParseWords.noarch 0:3.29-4.el7 will be installed

---> Package perl-Time-HiRes.x86\_64 4:1.9725-3.el7 will be installed

---> Package perl-Time-Local.noarch 0:1.2300-2.el7 will be installed

---> Package perl-constant.noarch 0:1.27-2.el7 will be installed

---> Package perl-libs.x86\_64 4:5.16.3-299.el7\_9 will be installed

---> Package perl-macros.x86\_64 4:5.16.3-299.el7\_9 will be installed

---> Package perl-threads.x86\_64 0:1.87-4.el7 will be installed

---> Package perl-threads-shared.x86\_64 0:1.43-6.el7 will be installed

---> Package postgresql-libs.x86\_64 0:9.2.24-8.el7\_9 will be installed

--> Running transaction check

---> Package perl-Encode.x86\_64 0:2.51-7.el7 will be installed

---> Package perl-IO-Compress.noarch 0:2.061-2.el7 will be installed

--> Processing Dependency: perl(Compress::Raw::Zlib) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

--> Processing Dependency: perl(Compress::Raw::Bzip2) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

---> Package perl-Net-Daemon.noarch 0:0.48-5.el7 will be installed

---> Package perl-Pod-Escapes.noarch 1:1.04-299.el7\_9 will be installed

---> Package perl-Pod-Perldoc.noarch 0:3.20-4.el7 will be installed

--> Processing Dependency: perl(parent) for package: perl-Pod-Perldoc-3.20-4.el7.noarch

--> Processing Dependency: perl(HTTP::Tiny) for package: perl-Pod-Perldoc-3.20-4.el7.noarch

---> Package perl-podlators.noarch 0:2.5.1-3.el7 will be installed

--> Running transaction check

---> Package perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7 will be installed

---> Package perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 will be installed

---> Package perl-HTTP-Tiny.noarch 0:0.033-3.el7 will be installed

---> Package perl-parent.noarch 1:0.225-244.el7 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

===========================================================================================================================

Package Arch Version Repository Size

===========================================================================================================================

Installing:

bacula-client x86\_64 5.2.13-23.1.el7 base 101 k

bacula-console x86\_64 5.2.13-23.1.el7 base 37 k

bacula-director x86\_64 5.2.13-23.1.el7 base 307 k

bacula-storage x86\_64 5.2.13-23.1.el7 base 409 k

httpd x86\_64 2.4.6-99.el7.centos.1 updates 2.7 M

mariadb-server x86\_64 1:5.5.68-1.el7 base 11 M

Installing for dependencies:

apr x86\_64 1.4.8-7.el7 base 104 k

apr-util x86\_64 1.5.2-6.el7\_9.1 updates 92 k

bacula-common x86\_64 5.2.13-23.1.el7 base 97 k

bacula-libs x86\_64 5.2.13-23.1.el7 base 214 k

bacula-libs-sql x86\_64 5.2.13-23.1.el7 base 95 k

httpd-tools x86\_64 2.4.6-99.el7.centos.1 updates 94 k

logwatch noarch 7.4.0-35.20130522svn140.el7\_5 base 403 k

mailcap noarch 2.1.41-2.el7 base 31 k

mailx x86\_64 12.5-19.el7 base 245 k

mariadb x86\_64 1:5.5.68-1.el7 base 8.8 M

mt-st x86\_64 1.1-14.el7 base 45 k

perl x86\_64 4:5.16.3-299.el7\_9 updates 8.0 M

perl-Carp noarch 1.26-244.el7 base 19 k

perl-Compress-Raw-Bzip2 x86\_64 2.061-3.el7 base 32 k

perl-Compress-Raw-Zlib x86\_64 1:2.061-4.el7 base 57 k

perl-DBD-MySQL x86\_64 4.023-6.el7 base 140 k

perl-DBI x86\_64 1.627-4.el7 base 802 k

perl-Data-Dumper x86\_64 2.145-3.el7 base 47 k

perl-Date-Manip noarch 6.41-2.el7 base 1.2 M

perl-Encode x86\_64 2.51-7.el7 base 1.5 M

perl-Exporter noarch 5.68-3.el7 base 28 k

perl-File-Path noarch 2.09-2.el7 base 26 k

perl-File-Temp noarch 0.23.01-3.el7 base 56 k

perl-Filter x86\_64 1.49-3.el7 base 76 k

perl-Getopt-Long noarch 2.40-3.el7 base 56 k

perl-HTTP-Tiny noarch 0.033-3.el7 base 38 k

perl-IO-Compress noarch 2.061-2.el7 base 260 k

perl-Net-Daemon noarch 0.48-5.el7 base 51 k

perl-PathTools x86\_64 3.40-5.el7 base 82 k

perl-PlRPC noarch 0.2020-14.el7 base 36 k

perl-Pod-Escapes noarch 1:1.04-299.el7\_9 updates 52 k

perl-Pod-Perldoc noarch 3.20-4.el7 base 87 k

perl-Pod-Simple noarch 1:3.28-4.el7 base 216 k

perl-Pod-Usage noarch 1.63-3.el7 base 27 k

perl-Scalar-List-Utils x86\_64 1.27-248.el7 base 36 k

perl-Socket x86\_64 2.010-5.el7 base 49 k

perl-Storable x86\_64 2.45-3.el7 base 77 k

perl-Sys-CPU x86\_64 0.54-4.el7 base 14 k

perl-Sys-MemInfo x86\_64 0.91-7.el7 base 15 k

perl-Text-ParseWords noarch 3.29-4.el7 base 14 k

perl-Time-HiRes x86\_64 4:1.9725-3.el7 base 45 k

perl-Time-Local noarch 1.2300-2.el7 base 24 k

perl-constant noarch 1.27-2.el7 base 19 k

perl-libs x86\_64 4:5.16.3-299.el7\_9 updates 690 k

perl-macros x86\_64 4:5.16.3-299.el7\_9 updates 44 k

perl-parent noarch 1:0.225-244.el7 base 12 k

perl-podlators noarch 2.5.1-3.el7 base 112 k

perl-threads x86\_64 1.87-4.el7 base 49 k

perl-threads-shared x86\_64 1.43-6.el7 base 39 k

postgresql-libs x86\_64 9.2.24-8.el7\_9 updates 235 k

Transaction Summary

===========================================================================================================================

Install 6 Packages (+50 Dependent packages)

Total download size: 39 M

Installed size: 176 M

Downloading packages:

warning: /var/cache/yum/x86\_64/7/updates/packages/apr-util-1.5.2-6.el7\_9.1.x86\_64.rpm: Header V3 RSA/SHA256 Signature, key ID f4a80eb5: NOKEY

Public key for apr-util-1.5.2-6.el7\_9.1.x86\_64.rpm is not installed

(1/56): apr-util-1.5.2-6.el7\_9.1.x86\_64.rpm | 92 kB 00:00:00

Public key for apr-1.4.8-7.el7.x86\_64.rpm is not installed

(2/56): apr-1.4.8-7.el7.x86\_64.rpm | 104 kB 00:00:00

(3/56): bacula-client-5.2.13-23.1.el7.x86\_64.rpm | 101 kB 00:00:00

(4/56): bacula-common-5.2.13-23.1.el7.x86\_64.rpm | 97 kB 00:00:00

(5/56): bacula-console-5.2.13-23.1.el7.x86\_64.rpm | 37 kB 00:00:00

(6/56): bacula-libs-5.2.13-23.1.el7.x86\_64.rpm | 214 kB 00:00:00

(7/56): bacula-director-5.2.13-23.1.el7.x86\_64.rpm | 307 kB 00:00:00

(8/56): bacula-libs-sql-5.2.13-23.1.el7.x86\_64.rpm | 95 kB 00:00:00

(9/56): bacula-storage-5.2.13-23.1.el7.x86\_64.rpm | 409 kB 00:00:00

(10/56): mailcap-2.1.41-2.el7.noarch.rpm | 31 kB 00:00:00

(11/56): mailx-12.5-19.el7.x86\_64.rpm | 245 kB 00:00:00

(12/56): logwatch-7.4.0-35.20130522svn140.el7\_5.noarch.rpm | 403 kB 00:00:00

(13/56): httpd-tools-2.4.6-99.el7.centos.1.x86\_64.rpm | 94 kB 00:00:00

(14/56): mariadb-server-5.5.68-1.el7.x86\_64.rpm | 11 MB 00:00:00

(15/56): mt-st-1.1-14.el7.x86\_64.rpm | 45 kB 00:00:00

(16/56): perl-Carp-1.26-244.el7.noarch.rpm | 19 kB 00:00:00

(17/56): perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64.rpm | 32 kB 00:00:00

(18/56): perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64.rpm | 57 kB 00:00:00

(19/56): httpd-2.4.6-99.el7.centos.1.x86\_64.rpm | 2.7 MB 00:00:00

(20/56): perl-DBD-MySQL-4.023-6.el7.x86\_64.rpm | 140 kB 00:00:00

(21/56): mariadb-5.5.68-1.el7.x86\_64.rpm | 8.8 MB 00:00:00

(22/56): perl-Data-Dumper-2.145-3.el7.x86\_64.rpm | 47 kB 00:00:00

(23/56): perl-DBI-1.627-4.el7.x86\_64.rpm | 802 kB 00:00:00

(24/56): perl-Date-Manip-6.41-2.el7.noarch.rpm | 1.2 MB 00:00:00

(25/56): perl-Encode-2.51-7.el7.x86\_64.rpm | 1.5 MB 00:00:00

(26/56): perl-Exporter-5.68-3.el7.noarch.rpm | 28 kB 00:00:00

(27/56): perl-File-Path-2.09-2.el7.noarch.rpm | 26 kB 00:00:00

(28/56): perl-File-Temp-0.23.01-3.el7.noarch.rpm | 56 kB 00:00:00

(29/56): perl-Filter-1.49-3.el7.x86\_64.rpm | 76 kB 00:00:00

(30/56): perl-Getopt-Long-2.40-3.el7.noarch.rpm | 56 kB 00:00:00

(31/56): perl-HTTP-Tiny-0.033-3.el7.noarch.rpm | 38 kB 00:00:00

(32/56): perl-Net-Daemon-0.48-5.el7.noarch.rpm | 51 kB 00:00:00

(33/56): perl-PathTools-3.40-5.el7.x86\_64.rpm | 82 kB 00:00:00

(34/56): perl-PlRPC-0.2020-14.el7.noarch.rpm | 36 kB 00:00:00

(35/56): perl-IO-Compress-2.061-2.el7.noarch.rpm | 260 kB 00:00:00

(36/56): perl-Pod-Perldoc-3.20-4.el7.noarch.rpm | 87 kB 00:00:00

(37/56): perl-Pod-Usage-1.63-3.el7.noarch.rpm | 27 kB 00:00:00

(38/56): perl-Scalar-List-Utils-1.27-248.el7.x86\_64.rpm | 36 kB 00:00:00

(39/56): perl-Pod-Escapes-1.04-299.el7\_9.noarch.rpm | 52 kB 00:00:00

(40/56): perl-Socket-2.010-5.el7.x86\_64.rpm | 49 kB 00:00:00

(41/56): perl-Storable-2.45-3.el7.x86\_64.rpm | 77 kB 00:00:00

(42/56): perl-Sys-CPU-0.54-4.el7.x86\_64.rpm | 14 kB 00:00:00

(43/56): perl-Sys-MemInfo-0.91-7.el7.x86\_64.rpm | 15 kB 00:00:00

(44/56): perl-Text-ParseWords-3.29-4.el7.noarch.rpm | 14 kB 00:00:00

(45/56): perl-Time-HiRes-1.9725-3.el7.x86\_64.rpm | 45 kB 00:00:00

(46/56): perl-Pod-Simple-3.28-4.el7.noarch.rpm | 216 kB 00:00:00

(47/56): perl-Time-Local-1.2300-2.el7.noarch.rpm | 24 kB 00:00:00

(48/56): perl-constant-1.27-2.el7.noarch.rpm | 19 kB 00:00:00

(49/56): perl-libs-5.16.3-299.el7\_9.x86\_64.rpm | 690 kB 00:00:00

(50/56): perl-macros-5.16.3-299.el7\_9.x86\_64.rpm | 44 kB 00:00:00

(51/56): perl-parent-0.225-244.el7.noarch.rpm | 12 kB 00:00:00

(52/56): perl-threads-1.87-4.el7.x86\_64.rpm | 49 kB 00:00:00

(53/56): perl-podlators-2.5.1-3.el7.noarch.rpm | 112 kB 00:00:00

(54/56): perl-threads-shared-1.43-6.el7.x86\_64.rpm | 39 kB 00:00:00

(55/56): perl-5.16.3-299.el7\_9.x86\_64.rpm | 8.0 MB 00:00:01

(56/56): postgresql-libs-9.2.24-8.el7\_9.x86\_64.rpm | 235 kB 00:00:00

---------------------------------------------------------------------------------------------------------------------------

Total 17 MB/s | 39 MB 00:00:02

Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

Importing GPG key 0xF4A80EB5:

Userid : "CentOS-7 Key (CentOS 7 Official Signing Key) <security@centos.org>"

Fingerprint: 6341 ab27 53d7 8a78 a7c2 7bb1 24c6 a8a7 f4a8 0eb5

Package : centos-release-7-9.2009.0.el7.centos.x86\_64 (@anaconda)

From : /etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : bacula-libs-5.2.13-23.1.el7.x86\_64 1/56

Installing : bacula-common-5.2.13-23.1.el7.x86\_64 2/56

Installing : apr-1.4.8-7.el7.x86\_64 3/56

Installing : apr-util-1.5.2-6.el7\_9.1.x86\_64 4/56

Installing : httpd-tools-2.4.6-99.el7.centos.1.x86\_64 5/56

Installing : 1:perl-parent-0.225-244.el7.noarch 6/56

Installing : perl-HTTP-Tiny-0.033-3.el7.noarch 7/56

Installing : perl-podlators-2.5.1-3.el7.noarch 8/56

Installing : perl-Pod-Perldoc-3.20-4.el7.noarch 9/56

Installing : 1:perl-Pod-Escapes-1.04-299.el7\_9.noarch 10/56

Installing : perl-Encode-2.51-7.el7.x86\_64 11/56

Installing : perl-Text-ParseWords-3.29-4.el7.noarch 12/56

Installing : perl-Pod-Usage-1.63-3.el7.noarch 13/56

Installing : 4:perl-macros-5.16.3-299.el7\_9.x86\_64 14/56

Installing : perl-threads-1.87-4.el7.x86\_64 15/56

Installing : 4:perl-Time-HiRes-1.9725-3.el7.x86\_64 16/56

Installing : perl-Exporter-5.68-3.el7.noarch 17/56

Installing : perl-Socket-2.010-5.el7.x86\_64 18/56

Installing : perl-Storable-2.45-3.el7.x86\_64 19/56

Installing : perl-threads-shared-1.43-6.el7.x86\_64 20/56

Installing : perl-PathTools-3.40-5.el7.x86\_64 21/56

Installing : perl-Scalar-List-Utils-1.27-248.el7.x86\_64 22/56

Installing : perl-Time-Local-1.2300-2.el7.noarch 23/56

Installing : 1:perl-Pod-Simple-3.28-4.el7.noarch 24/56

Installing : perl-constant-1.27-2.el7.noarch 25/56

Installing : perl-File-Temp-0.23.01-3.el7.noarch 26/56

Installing : perl-File-Path-2.09-2.el7.noarch 27/56

Installing : perl-Filter-1.49-3.el7.x86\_64 28/56

Installing : perl-Carp-1.26-244.el7.noarch 29/56

Installing : 4:perl-libs-5.16.3-299.el7\_9.x86\_64 30/56

Installing : perl-Getopt-Long-2.40-3.el7.noarch 31/56

Installing : 4:perl-5.16.3-299.el7\_9.x86\_64 32/56

Installing : perl-Data-Dumper-2.145-3.el7.x86\_64 33/56

Installing : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 34/56

Installing : perl-Sys-MemInfo-0.91-7.el7.x86\_64 35/56

Installing : perl-Net-Daemon-0.48-5.el7.noarch 36/56

Installing : perl-Date-Manip-6.41-2.el7.noarch 37/56

Installing : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 38/56

Installing : perl-IO-Compress-2.061-2.el7.noarch 39/56

Installing : perl-PlRPC-0.2020-14.el7.noarch 40/56

Installing : perl-DBI-1.627-4.el7.x86\_64 41/56

Installing : perl-DBD-MySQL-4.023-6.el7.x86\_64 42/56

Installing : 1:mariadb-5.5.68-1.el7.x86\_64 43/56

Installing : perl-Sys-CPU-0.54-4.el7.x86\_64 44/56

Installing : mailx-12.5-19.el7.x86\_64 45/56

Installing : logwatch-7.4.0-35.20130522svn140.el7\_5.noarch 46/56

Installing : postgresql-libs-9.2.24-8.el7\_9.x86\_64 47/56

Installing : bacula-libs-sql-5.2.13-23.1.el7.x86\_64 48/56

Installing : mailcap-2.1.41-2.el7.noarch 49/56

Installing : mt-st-1.1-14.el7.x86\_64 50/56

Installing : bacula-storage-5.2.13-23.1.el7.x86\_64 51/56

Installing : httpd-2.4.6-99.el7.centos.1.x86\_64 52/56

Installing : bacula-director-5.2.13-23.1.el7.x86\_64 53/56

Installing : 1:mariadb-server-5.5.68-1.el7.x86\_64 54/56

Installing : bacula-client-5.2.13-23.1.el7.x86\_64 55/56

Installing : bacula-console-5.2.13-23.1.el7.x86\_64 56/56

Verifying : perl-HTTP-Tiny-0.033-3.el7.noarch 1/56

Verifying : logwatch-7.4.0-35.20130522svn140.el7\_5.noarch 2/56

Verifying : bacula-libs-sql-5.2.13-23.1.el7.x86\_64 3/56

Verifying : 1:mariadb-server-5.5.68-1.el7.x86\_64 4/56

Verifying : perl-threads-shared-1.43-6.el7.x86\_64 5/56

Verifying : 4:perl-Time-HiRes-1.9725-3.el7.x86\_64 6/56

Verifying : perl-threads-1.87-4.el7.x86\_64 7/56

Verifying : perl-Exporter-5.68-3.el7.noarch 8/56

Verifying : httpd-2.4.6-99.el7.centos.1.x86\_64 9/56

Verifying : perl-PathTools-3.40-5.el7.x86\_64 10/56

Verifying : bacula-console-5.2.13-23.1.el7.x86\_64 11/56

Verifying : bacula-libs-5.2.13-23.1.el7.x86\_64 12/56

Verifying : perl-Socket-2.010-5.el7.x86\_64 13/56

Verifying : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 14/56

Verifying : perl-Sys-MemInfo-0.91-7.el7.x86\_64 15/56

Verifying : 1:perl-parent-0.225-244.el7.noarch 16/56

Verifying : 4:perl-macros-5.16.3-299.el7\_9.x86\_64 17/56

Verifying : perl-Net-Daemon-0.48-5.el7.noarch 18/56

Verifying : mt-st-1.1-14.el7.x86\_64 19/56

Verifying : bacula-common-5.2.13-23.1.el7.x86\_64 20/56

Verifying : apr-util-1.5.2-6.el7\_9.1.x86\_64 21/56

Verifying : apr-1.4.8-7.el7.x86\_64 22/56

Verifying : perl-File-Temp-0.23.01-3.el7.noarch 23/56

Verifying : 1:perl-Pod-Simple-3.28-4.el7.noarch 24/56

Verifying : bacula-client-5.2.13-23.1.el7.x86\_64 25/56

Verifying : perl-Time-Local-1.2300-2.el7.noarch 26/56

Verifying : 1:perl-Pod-Escapes-1.04-299.el7\_9.noarch 27/56

Verifying : perl-Pod-Perldoc-3.20-4.el7.noarch 28/56

Verifying : perl-DBI-1.627-4.el7.x86\_64 29/56

Verifying : mailcap-2.1.41-2.el7.noarch 30/56

Verifying : perl-Date-Manip-6.41-2.el7.noarch 31/56

Verifying : postgresql-libs-9.2.24-8.el7\_9.x86\_64 32/56

Verifying : bacula-director-5.2.13-23.1.el7.x86\_64 33/56

Verifying : perl-Data-Dumper-2.145-3.el7.x86\_64 34/56

Verifying : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 35/56

Verifying : perl-Storable-2.45-3.el7.x86\_64 36/56

Verifying : perl-Scalar-List-Utils-1.27-248.el7.x86\_64 37/56

Verifying : bacula-storage-5.2.13-23.1.el7.x86\_64 38/56

Verifying : perl-IO-Compress-2.061-2.el7.noarch 39/56

Verifying : perl-Pod-Usage-1.63-3.el7.noarch 40/56

Verifying : perl-PlRPC-0.2020-14.el7.noarch 41/56

Verifying : perl-Encode-2.51-7.el7.x86\_64 42/56

Verifying : httpd-tools-2.4.6-99.el7.centos.1.x86\_64 43/56

Verifying : perl-podlators-2.5.1-3.el7.noarch 44/56

Verifying : perl-constant-1.27-2.el7.noarch 45/56

Verifying : 4:perl-5.16.3-299.el7\_9.x86\_64 46/56

Verifying : perl-File-Path-2.09-2.el7.noarch 47/56

Verifying : perl-DBD-MySQL-4.023-6.el7.x86\_64 48/56

Verifying : 1:mariadb-5.5.68-1.el7.x86\_64 49/56

Verifying : perl-Filter-1.49-3.el7.x86\_64 50/56

Verifying : perl-Getopt-Long-2.40-3.el7.noarch 51/56

Verifying : perl-Text-ParseWords-3.29-4.el7.noarch 52/56

Verifying : perl-Carp-1.26-244.el7.noarch 53/56

Verifying : mailx-12.5-19.el7.x86\_64 54/56

Verifying : 4:perl-libs-5.16.3-299.el7\_9.x86\_64 55/56

Verifying : perl-Sys-CPU-0.54-4.el7.x86\_64 56/56

Installed:

bacula-client.x86\_64 0:5.2.13-23.1.el7 bacula-console.x86\_64 0:5.2.13-23.1.el7 bacula-director.x86\_64 0:5.2.13-23.1.el7

bacula-storage.x86\_64 0:5.2.13-23.1.el7 httpd.x86\_64 0:2.4.6-99.el7.centos.1 mariadb-server.x86\_64 1:5.5.68-1.el7

Dependency Installed:

apr.x86\_64 0:1.4.8-7.el7 apr-util.x86\_64 0:1.5.2-6.el7\_9.1

bacula-common.x86\_64 0:5.2.13-23.1.el7 bacula-libs.x86\_64 0:5.2.13-23.1.el7

bacula-libs-sql.x86\_64 0:5.2.13-23.1.el7 httpd-tools.x86\_64 0:2.4.6-99.el7.centos.1

logwatch.noarch 0:7.4.0-35.20130522svn140.el7\_5 mailcap.noarch 0:2.1.41-2.el7

mailx.x86\_64 0:12.5-19.el7 mariadb.x86\_64 1:5.5.68-1.el7

mt-st.x86\_64 0:1.1-14.el7 perl.x86\_64 4:5.16.3-299.el7\_9

perl-Carp.noarch 0:1.26-244.el7 perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7

perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 perl-DBD-MySQL.x86\_64 0:4.023-6.el7

perl-DBI.x86\_64 0:1.627-4.el7 perl-Data-Dumper.x86\_64 0:2.145-3.el7

perl-Date-Manip.noarch 0:6.41-2.el7 perl-Encode.x86\_64 0:2.51-7.el7

perl-Exporter.noarch 0:5.68-3.el7 perl-File-Path.noarch 0:2.09-2.el7

perl-File-Temp.noarch 0:0.23.01-3.el7 perl-Filter.x86\_64 0:1.49-3.el7

perl-Getopt-Long.noarch 0:2.40-3.el7 perl-HTTP-Tiny.noarch 0:0.033-3.el7

perl-IO-Compress.noarch 0:2.061-2.el7 perl-Net-Daemon.noarch 0:0.48-5.el7

perl-PathTools.x86\_64 0:3.40-5.el7 perl-PlRPC.noarch 0:0.2020-14.el7

perl-Pod-Escapes.noarch 1:1.04-299.el7\_9 perl-Pod-Perldoc.noarch 0:3.20-4.el7

perl-Pod-Simple.noarch 1:3.28-4.el7 perl-Pod-Usage.noarch 0:1.63-3.el7

perl-Scalar-List-Utils.x86\_64 0:1.27-248.el7 perl-Socket.x86\_64 0:2.010-5.el7

perl-Storable.x86\_64 0:2.45-3.el7 perl-Sys-CPU.x86\_64 0:0.54-4.el7

perl-Sys-MemInfo.x86\_64 0:0.91-7.el7 perl-Text-ParseWords.noarch 0:3.29-4.el7

perl-Time-HiRes.x86\_64 4:1.9725-3.el7 perl-Time-Local.noarch 0:1.2300-2.el7

perl-constant.noarch 0:1.27-2.el7 perl-libs.x86\_64 4:5.16.3-299.el7\_9

perl-macros.x86\_64 4:5.16.3-299.el7\_9 perl-parent.noarch 1:0.225-244.el7

perl-podlators.noarch 0:2.5.1-3.el7 perl-threads.x86\_64 0:1.87-4.el7

perl-threads-shared.x86\_64 0:1.43-6.el7 postgresql-libs.x86\_64 0:9.2.24-8.el7\_9

Complete!

[root@localhost ~]# systemctl enable mariadb && systemctl start mariadb && systemctl status mariadb

Created symlink from /etc/systemd/system/multi-user.target.wants/mariadb.service to /usr/lib/systemd/system/mariadb.service.

● mariadb.service - MariaDB database server

Loaded: loaded (/usr/lib/systemd/system/mariadb.service; enabled; vendor preset: disabled)

Active: active (running) since Sat 2023-07-22 22:33:06 IST; 5ms ago

Process: 8496 ExecStartPost=/usr/libexec/mariadb-wait-ready $MAINPID (code=exited, status=0/SUCCESS)

Process: 8413 ExecStartPre=/usr/libexec/mariadb-prepare-db-dir %n (code=exited, status=0/SUCCESS)

Main PID: 8495 (mysqld\_safe)

CGroup: /system.slice/mariadb.service

├─8495 /bin/sh /usr/bin/mysqld\_safe --basedir=/usr

└─8660 /usr/libexec/mysqld --basedir=/usr --datadir=/var/lib/mysql --plugin-dir=/usr/lib64/mysql/plugin --log...

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: MySQL manual for more instructions.

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: Please report any problems at http://mariadb.org/jira

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: The latest information about MariaDB is available...g/.

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: You can find additional information about the MyS...at:

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: http://dev.mysql.com

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: Consider joining MariaDB's strong and vibrant com...ty:

Jul 22 22:33:04 localhost.localdomain mariadb-prepare-db-dir[8413]: https://mariadb.org/get-involved/

Jul 22 22:33:04 localhost.localdomain mysqld\_safe[8495]: 230722 22:33:04 mysqld\_safe Logging to '/var/log/mariadb/ma...og'.

Jul 22 22:33:04 localhost.localdomain mysqld\_safe[8495]: 230722 22:33:04 mysqld\_safe Starting mysqld daemon with dat...ysql

Jul 22 22:33:06 localhost.localdomain systemd[1]: Started MariaDB database server.

Hint: Some lines were ellipsized, use -l to show in full.

[root@localhost ~]# hostnamectl set-hostname bacula-server

[root@localhost ~]# exec bash

[root@bacula-server ~]# /usr/libexec/bacula/grant\_mysql\_privileges

Host User Password Select\_priv Insert\_priv Update\_priv Delete\_priv Create\_priv Drop\_priv Reload\_priv Shutdown\_priv Process\_priv File\_priv Grant\_priv References\_priv Index\_priv Alter\_privShow\_db\_priv Super\_priv Create\_tmp\_table\_priv Lock\_tables\_priv Execute\_priv Repl\_slave\_priv Repl\_client\_priv Create\_view\_priv Show\_view\_priv Create\_routine\_priv Alter\_routine\_priv Create\_user\_priv Event\_priv Trigger\_priv Create\_tablespace\_priv ssl\_type ssl\_cipher x509\_issuer x509\_subject max\_questions max\_updates max\_connections max\_user\_connections plugin authentication\_string

localhost root Y Y Y Y Y Y Y Y Y Y Y Y YY Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y 00 0 0

localhost.localdomain root Y Y Y Y Y Y Y Y Y Y Y YY Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y0 0 0 0

127.0.0.1 root Y Y Y Y Y Y Y Y Y Y Y Y YY Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y 00 0 0

::1 root Y Y Y Y Y Y Y Y Y Y Y Y Y YY Y Y Y Y Y Y Y Y Y Y Y Y Y Y 00 0 0

localhost N N N N N N N N N N N N NN N N N N N N N N N N N N N N N 00 0 0

localhost.localdomain N N N N N N N N N N N NN N N N N N N N N N N N N N N N N0 0 0 0

localhost bacula N N N N N N N N N N N N NN N N N N N N N N N N N N N N N 00 0 0

% bacula N N N N N N N N N N N N N NN N N N N N N N N N N N N N N 00 0 0

Privileges for user bacula granted on database bacula.

[root@bacula-server ~]# /usr/libexec/bacula/create\_mysql\_database -u root

Creation of bacula database succeeded.

[root@bacula-server ~]# /usr/libexec/bacula/make\_mysql\_tables -u bacula

Creation of Bacula MySQL tables succeeded.

[root@bacula-server ~]# systemctl stop firewalld

[root@bacula-server ~]# systemctl disable firewalld

Removed symlink /etc/systemd/system/multi-user.target.wants/firewalld.service.

Removed symlink /etc/systemd/system/dbus-org.fedoraproject.FirewallD1.service.

[root@bacula-server ~]# vi /etc/hosts

[root@bacula-server ~]# cat /etc/hosts

127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4

::1 localhost localhost.localdomain localhost6 localhost6.localdomain6

192.168.44.147 bacula-server bacula.hpcsa.com

[root@bacula-server ~]# setenforce 0

[root@bacula-server ~]# getenforce

Permissive

[root@bacula-server ~]# setenforce 2

usage: setenforce [ Enforcing | Permissive | 1 | 0 ]

[root@bacula-server ~]# setenforce 0

[root@bacula-server ~]# getenforce

Permissive

[root@bacula-server ~]# mysql\_secure\_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB

SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current

password for the root user. If you've just installed MariaDB, and

you haven't set the root password yet, the password will be blank,

so you should just press enter here.

Enter current password for root (enter for none):

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

Enter current password for root (enter for none):

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

Enter current password for root (enter for none):

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

Enter current password for root (enter for none):

Aborting!

Cleaning up...

[root@bacula-server ~]# mysql\_secure\_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB

SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current

password for the root user. If you've just installed MariaDB, and

you haven't set the root password yet, the password will be blank,

so you should just press enter here.

Enter current password for root (enter for none):

OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB

root user without the proper authorisation.

Set root password? [Y/n] y

New password:

Re-enter new password:

Password updated successfully!

Reloading privilege tables..

... Success!

By default, a MariaDB installation has an anonymous user, allowing anyone

to log into MariaDB without having to have a user account created for

them. This is intended only for testing, and to make the installation

go a bit smoother. You should remove them before moving into a

production environment.

Remove anonymous users? [Y/n] n

... skipping.

Normally, root should only be allowed to connect from 'localhost'. This

ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] n

... skipping.

By default, MariaDB comes with a database named 'test' that anyone can

access. This is also intended only for testing, and should be removed

before moving into a production environment.

Remove test database and access to it? [Y/n] n

... skipping.

Reloading the privilege tables will ensure that all changes made so far

will take effect immediately.

Reload privilege tables now? [Y/n] n

... skipping.

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB

installation should now be secure.

Thanks for using MariaDB!

[root@bacula-server ~]# alternatives --config libbaccats.so

There are 3 programs which provide 'libbaccats.so'.

Selection Command

-----------------------------------------------

1 /usr/lib64/libbaccats-mysql.so

2 /usr/lib64/libbaccats-sqlite3.so

\*+ 3 /usr/lib64/libbaccats-postgresql.so

Enter to keep the current selection[+], or type selection number: 1

[root@bacula-server ~]# mkdir -p /bacula/backup /bacula/restore

[root@bacula-server ~]# chown -R bacula:bacula /bacula

[root@bacula-server ~]# chmod -R 700 /bacula

[root@bacula-server ~]# vi /etc/bacula/bacula-dir.conf

[root@bacula-server ~]# cp /etc/bacula/bacula-dir.conf /root/Downloads

[root@bacula-server ~]# vi /etc/bacula/bacula-dir.conf

[root@bacula-server ~]# bacula-dir -tc /etc/bacula/bacula-dir.conf

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# bacula-sd -tc /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# systemctl enable bacula-dir && systemctl start bacula-dir && systemctl status bacula-dir

Created symlink from /etc/systemd/system/multi-user.target.wants/bacula-dir.service to /usr/lib/systemd/system/bacula-dir.service.

● bacula-dir.service - Bacula-Director, the Backup-server

Loaded: loaded (/usr/lib/systemd/system/bacula-dir.service; enabled; vendor preset: disabled)

Active: active (running) since Sat 2023-07-22 23:44:46 IST; 8ms ago

Docs: man:bacula-dir(8)

Main PID: 19362 (bacula-dir)

CGroup: /system.slice/bacula-dir.service

└─19362 /usr/sbin/bacula-dir -f -c /etc/bacula/bacula-dir.conf -u bacula -g bacula

Jul 22 23:44:46 bacula-server systemd[1]: Started Bacula-Director, the Backup-server.

[root@bacula-server ~]# systemctl enable bacula-sd && systemctl start bacula-sd && systemctl status bacula-sd

Created symlink from /etc/systemd/system/multi-user.target.wants/bacula-sd.service to /usr/lib/systemd/system/bacula-sd.service.

● bacula-sd.service - Bacula-StorageDaemon, the storage-server

Loaded: loaded (/usr/lib/systemd/system/bacula-sd.service; enabled; vendor preset: disabled)

Active: active (running) since Sat 2023-07-22 23:44:53 IST; 4ms ago

Docs: man:bacula-sd(8)

Main PID: 19393 (bacula-sd)

CGroup: /system.slice/bacula-sd.service

└─19393 /usr/sbin/bacula-sd -f -c /etc/bacula/bacula-sd.conf -u bacula -g tape

Jul 22 23:44:53 bacula-server systemd[1]: Started Bacula-StorageDaemon, the storage-server.

[root@bacula-server ~]# systemctl enable bacula-fd && systemctl start bacula-fd && systemctl status bacula-fd

Created symlink from /etc/systemd/system/multi-user.target.wants/bacula-fd.service to /usr/lib/systemd/system/bacula-fd.service.

● bacula-fd.service - Bacula-FileDaemon, a Backup-client

Loaded: loaded (/usr/lib/systemd/system/bacula-fd.service; enabled; vendor preset: disabled)

Active: active (running) since Sat 2023-07-22 23:45:00 IST; 7ms ago

Docs: man:bacula-fd(8)

Main PID: 19422 (bacula-fd)

CGroup: /system.slice/bacula-fd.service

└─19422 /usr/sbin/bacula-fd -f -c /etc/bacula/bacula-fd.conf -u root -g root

Jul 22 23:45:00 bacula-server systemd[1]: Started Bacula-FileDaemon, a Backup-client.

[root@bacula-server ~]# bconsole

Connecting to Director localhost:9101

Director authorization problem.

Most likely the passwords do not agree.

If you are using TLS, there may have been a certificate validation error during the TLS handshake.

Please see http://www.bacula.org/en/rel-manual/Bacula\_Freque\_Asked\_Questi.html#SECTION00260000000000000000 for help.

[root@bacula-server ~]# vi /etc/bacula/bacula-

bacula-dir.conf bacula-fd.conf bacula-sd.conf

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

You have mail in /var/spool/mail/root

[root@bacula-server ~]# vi /etc/bacula/bacula-fd.conf

[root@bacula-server ~]# vi /etc/bacula/b

bacula-dir.conf bacula-fd.conf bacula-sd.conf bconsole.conf

[root@bacula-server ~]# vi /etc/bacula/bconsole.conf

[root@bacula-server ~]# bconsole

Connecting to Director localhost:9101

1000 OK: bacula-dir Version: 5.2.13 (19 February 2013)

Enter a period to cancel a command.

\*label

Automatically selected Catalog: MyCatalog

Using Catalog "MyCatalog"

Automatically selected Storage: File

Enter new Volume name: Demo

Defined Pools:

1: Default

2: File

3: Scratch

1

Connecting to Storage daemon File at bacula.hpcsa.com:9103 ...

Failed to connect to Storage daemon.

Do not forget to mount the drive!!!

You have messages.

\*run

A job name must be specified.

The defined Job resources are:

1: BackupClient1

2: BackupCatalog

3: RestoreFiles

Select Job resource (1-3): 1

Run Backup job

JobName: BackupClient1

Level: Incremental

Client: bacula-fd

FileSet: Full Set

Pool: File (From Job resource)

Storage: File (From Job resource)

When: 2023-07-22 23:49:33

Priority: 10

OK to run? (yes/mod/no): no

Job not run.

\*exit

You have new mail in /var/spool/mail/root

[root@bacula-server ~]# cd /var/www/html/

[root@bacula-server html]# ll

total 0

[root@bacula-server html]# vi index.html

[root@bacula-server html]# systemctl status httpd

● httpd.service - The Apache HTTP Server

Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)

Active: inactive (dead)

Docs: man:httpd(8)

man:apachectl(8)

[root@bacula-server html]# systemctl start httpd

[root@bacula-server html]# systemctl enable httpd

Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.

[root@bacula-server html]# bconsole

Connecting to Director localhost:9101

1000 OK: bacula-dir Version: 5.2.13 (19 February 2013)

Enter a period to cancel a command.

\*run

Automatically selected Catalog: MyCatalog

Using Catalog "MyCatalog"

A job name must be specified.

The defined Job resources are:

1: BackupClient1

2: BackupCatalog

3: RestoreFiles

2

Run Backup job

JobName: BackupCatalog

Level: Full

Client: bacula-fd

FileSet: Catalog

Pool: File (From Job resource)

Storage: File (From Job resource)

When: 2023-07-22 23:53:45

Priority: 11

OK to run? (yes/mod/no): yes

Job queued. JobId=1

You have messages.

\*status director

bacula-dir Version: 5.2.13 (19 February 2013) x86\_64-redhat-linux-gnu redhat (Core)

Daemon started 22-Jul-23 23:44. Jobs: run=1, running=0 mode=0,0

Heap: heap=270,336 smbytes=69,761 max\_bytes=77,239 bufs=224 max\_bufs=246

Scheduled Jobs:

Level Type Pri Scheduled Name Volume

===================================================================================

Differential Backup 10 23-Jul-23 23:05 BackupClient1 \*unknown\*

Full Backup 11 23-Jul-23 23:10 BackupCatalog \*unknown\*

====

Running Jobs:

Console connected at 22-Jul-23 23:52

No Jobs running.

====

Terminated Jobs:

JobId Level Files Bytes Status Finished Name

====================================================================

1 Full 0 0 Error 22-Jul-23 23:54 BackupCatalog

====

\*run

A job name must be specified.

The defined Job resources are:

1: BackupClient1

2: BackupCatalog

3: RestoreFiles

Select Job resource (1-3): 1

Run Backup job

JobName: BackupClient1

Level: Incremental

Client: bacula-fd

FileSet: Full Set

Pool: File (From Job resource)

Storage: File (From Job resource)

When: 2023-07-22 23:56:31

Priority: 10

OK to run? (yes/mod/no): yes

Job queued. JobId=2

\*status director

bacula-dir Version: 5.2.13 (19 February 2013) x86\_64-redhat-linux-gnu redhat (Core)

Daemon started 22-Jul-23 23:44. Jobs: run=1, running=1 mode=0,0

Heap: heap=270,336 smbytes=76,531 max\_bytes=77,239 bufs=247 max\_bufs=249

Scheduled Jobs:

Level Type Pri Scheduled Name Volume

===================================================================================

Differential Backup 10 23-Jul-23 23:05 BackupClient1 \*unknown\*

Full Backup 11 23-Jul-23 23:10 BackupCatalog \*unknown\*

====

Running Jobs:

Console connected at 22-Jul-23 23:52

JobId Level Name Status

======================================================================

2 Full BackupClient1.2023-07-22\_23.56.45\_06 is waiting on Storage "File"

====

Terminated Jobs:

JobId Level Files Bytes Status Finished Name

====================================================================

1 Full 0 0 Error 22-Jul-23 23:54 BackupCatalog

====

\*label

Automatically selected Storage: File

Enter new Volume name: Demo

Defined Pools:

1: Default

2: File

3: Scratch

Select the Pool (1-3): 1

Connecting to Storage daemon File at bacula.hpcsa.com:9103 ...

Failed to connect to Storage daemon.

Do not forget to mount the drive!!!

\*label

Automatically selected Storage: File

Enter new Volume name: Demo

Defined Pools:

1: Default

2: File

3: Scratch

Select the Pool (1-3): 2

Connecting to Storage daemon File at bacula.hpcsa.com:9103 ...

Failed to connect to Storage daemon.

Do not forget to mount the drive!!!

\*

You have new mail in /var/spool/mail/root

[root@bacula-server html]# ^C

[root@bacula-server html]# ^C

[root@bacula-server html]# Failed to connect to Storage daemon.

bash: Failed: command not found

[root@bacula-server html]# cd

You have new mail in /var/spool/mail/root

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# systemctl enable bacula-sd && systemctl start bacula-sd && systemctl status bacula-sd

● bacula-sd.service - Bacula-StorageDaemon, the storage-server

Loaded: loaded (/usr/lib/systemd/system/bacula-sd.service; enabled; vendor preset: disabled)

Active: active (running) since Sat 2023-07-22 23:44:53 IST; 21min ago

Docs: man:bacula-sd(8)

Main PID: 19393 (bacula-sd)

CGroup: /system.slice/bacula-sd.service

└─19393 /usr/sbin/bacula-sd -f -c /etc/bacula/bacula-sd.conf -u bacula -g tape

Jul 22 23:44:53 bacula-server systemd[1]: Started Bacula-StorageDaemon, the storage-server.

Jul 22 23:49:19 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:54:20 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:56:57 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:58:52 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:58:52 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:58:52 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:59:34 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:59:34 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

Jul 22 23:59:34 bacula-server bacula-sd[19393]: bsock.c:375 Socket has errors=1 on call to client:192.168.44.147:9103

[root@bacula-server ~]# ^C

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# vi /etc/bacula/bacula-fd.conf

[root@bacula-server ~]# vi /etc/bacula/bacula-dir.conf

[root@bacula-server ~]# cat /etc/hosts

127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4

::1 localhost localhost.localdomain localhost6 localhost6.localdomain6

192.168.44.147 bacula-server bacula.hpcsa.com

[root@bacula-server ~]# vi /etc/bacula/bacula-sd.conf

[root@bacula-server ~]# getenforce

Permissive

[root@bacula-server ~]#