

New Virtual Machine Wizard



Welcome to the New Virtual Machine Wizard

What type of configuration do you want?



Typical (recommended)

Create a Workstation 12.0 virtual machine in a few easy steps.



Custom (advanced)

Create a virtual machine with advanced options, such as a SCSI controller type, virtual disk type and compatibility with older VMware products.

Help

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Next >

Cancel

New Virtual Machine Wizard



Guest Operating System Installation

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

Installer disc:

No drives available



Installer disc image file (iso):

C:\Users\balaj\Downloads\CentOS-7-x86_64-Minimal-1

[Browse...](#)

CentOS 64-bit detected.

I will install the operating system later.

The virtual machine will be created with a blank hard disk.

[Help](#)

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[Cancel](#)

New Virtual Machine Wizard



Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

CentOS 64-bit (3)

Location:

C:\Users\balaj\OneDrive\Documents\Virtual Machines\CentOS 64-

[Browse...](#)

The default location can be changed at [Edit > Preferences](#).

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[Next >](#)

[Cancel](#)

New Virtual Machine Wizard



Ready to Create Virtual Machine

Click Finish to create the virtual machine and start installing CentOS 64-bit.

The virtual machine will be created with the following settings:

Name:	balaji_solunke
Location:	C:\Users\balaj\OneDrive\Documents\Virtual Machines\bal...
Version:	Workstation 12.0
Operating System:	CentOS 64-bit
Hard Disk:	20 GB, Split
Memory:	1024 MB
Network Adapter:	NAT
Other Devices:	CD/DVD, USB Controller, Printer, Sound Card

Customize Hardware...

Power on this virtual machine after creation

< Back

Finish

Cancel

CentOS 7

Install CentOS 7
Test this media & install CentOS 7

Troubleshooting >

Press Tab for full configuration options on menu items.

Automatic boot in 45 seconds...

- Press the **<ENTER>** key to begin the installation process.

```
[ 0.000000] Detected CPU family 6 model 140 stepping 1
[ 0.000000] Warning: Intel Processor - this hardware has not undergone upstream testing. Please consult http://wiki.centos.org/FAQ for more information
[ 7.930470] dracut-pre-udev[327]: modprobe: ERROR: could not insert 'floppy':
No such device
[ OK ] Started Show Plymouth Boot Screen.
[ OK ] Reached target Paths.
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Basic System.
[ OK ] Started Device-Mapper Multipath Device Controller.
  Starting Open-iSCSI...
[ OK ] Started Open-iSCSI.
  Starting dracut initqueue hook...
  Mounting Configuration File System...
[ OK ] Mounted Configuration File System.
[ 12.947922] sd 2:0:0:0: [sda] Assuming drive cache: write through
[ 13.241315] dracut-initqueue[905]: mount: /dev/sr0 is write-protected, mounting read-only
[ OK ] Started Show Plymouth Boot Screen.
[ OK ] Reached target Paths.
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Basic System.
[ OK ] Started Device-Mapper Multipath Device Controller.
  Starting Open-iSCSI...
[ OK ] Started Open-iSCSI.
  Starting dracut initqueue hook...
  Mounting Configuration File System...
[ OK ] Mounted Configuration File System.
[ 13.241315] dracut-initqueue[905]: mount: /dev/sr0 is write-protected, mounting read-only
[ OK ] Created slice system-checkisomd5.slice.
  Starting Media check on /dev/sr0...
/dev/sr0: e2896a8962e9d263b49f1fc11326e826
Fragment sums: 2a3f135ffbc89a9e98f17ee1bb76a794fbec6de8e11b15436435eb14eba1
Fragment count: 20
Press [Esc] to abort check.
Checking: 020.8%
```

```
Starting udev Wait for Complete Device Initialization...
[ OK ] Started Device-Mapper Multipath Device Controller.
[ OK ] Started udev Wait for Complete Device Initialization.
      Starting Activation of DM RAID sets...
[ OK ] Started Activation of DM RAID sets.
[ OK ] Reached target Local Encrypted Volumes.
[ OK ] Reached target Local File Systems.
      Starting Import network configuration from initramfs...
      Starting Tell Plymouth To Write Out Runtime Data...
      Starting Rebuild Journal Catalog...
      Starting Migrate local SELinux policy changes...ld store structure to the new structure...
[ OK ] Started Rebuild Journal Catalog.
      Starting Update is Completed...
[ OK ] Started Tell Plymouth To Write Out Runtime Data.
[ OK ] Started Update is Completed.
[ OK ] Started Migrate local SELinux policy changes ... old store structure to the new structure
[ OK ] Started Import network configuration from initramfs.
      Starting Create Volatile Files and Directories...
[ OK ] Started Create Volatile Files and Directories.
      Starting Update UTMP about System Boot/Shutdown...
[ OK ] Started Update UTMP about System Boot/Shutdown.
[ OK ] Reached target System Initialization.
[ OK ] Listening on D-Bus System Message Bus Socket.
[ OK ] Listening on Open-iSCSI iscsiid Socket.
[ OK ] Listening on Open-iSCSI iscsiuiio Socket.
[ OK ] Reached target Sockets.
[ OK ] Reached target Basic System.
      Starting pre-anaconda logging service...
      Starting Service enabling compressing RAM with zRam...
[ OK ] Started Hardware RNG Entropy Gatherer Daemon.
      Starting Terminate Plymouth Boot Screen...
      Starting Dump dmesg to /var/log/dmesg...
      Starting Login Service...
[ OK ] Started Anaconda NetworkManager configuration.
      Starting Network Manager...
      Starting Wait for Plymouth Boot Screen to Quit...
-
```



CentOS

CENTOS 7 INSTALLATION

us

Help!

WELCOME TO CENTOS 7.

What language would you like to use during the installation process?

English	English	English (United States)
Afrikaans	Afrikaans	English (United Kingdom)
አማርኛ	Amharic	English (India)
العربية	Arabic	English (Australia)
অসমীয়া	Assamese	English (Canada)
Asturianu	Asturian	English (Denmark)
Беларуская	Belarusian	English (Ireland)
Български	Bulgarian	English (New Zealand)
বাংলা	Bengali	English (Nigeria)
		English (Hong Kong SAR China)
		English (Philippines)

Quit

Continue



CentOS

INSTALLATION SUMMARY

CENTOS 7 INSTALLATION

in (eng)

Help!



LANGUAGE SUPPORT

English (India)

SOFTWARE



INSTALLATION SOURCE

Local media



SOFTWARE SELECTION

Minimal Install

SYSTEM



INSTALLATION DESTINATION

Automatic partitioning selected



KDUMP

Kdump is enabled



NETWORK & HOST NAME

Not connected



SECURITY POLICY

No profile selected

Quit

Begin Installation

We won't touch your disks until you click 'Begin Installation'.



Please complete items marked with this icon before continuing to the next step.

INSTALLATION DESTINATION

CENTOS 7 INSTALLATION

Done

in (eng)

Help!

Device Selection

Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

Local Standard Disks

20 GiB



VMware, VMware Virtual S

sda / 20 GiB free

Disks left unselected here will not be touched.

Specialized & Network Disks



Add a disk...

Disks left unselected here will not be touched.

Other Storage Options

Partitioning

- Automatically configure partitioning. I will configure partitioning.
 I would like to make additional space available.

[Full disk summary and boot loader...](#)

1 disk selected; 20 GiB capacity, 20 GiB free [Refresh...](#)



CentOS

INSTALLATION SUMMARY



DATE & TIME

Asia/Kolkata timezone



LANGUAGE SUPPORT

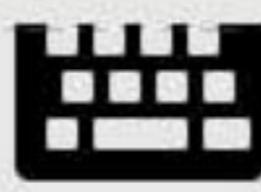
English (India)

SOFTWARE



INSTALLATION SOURCE

Local media



KEYBOARD

English (India, with rupee)



SOFTWARE SELECTION

Minimal Install

SYSTEM



INSTALLATION DESTINATION

Automatic partitioning selected



KDUMP

Kdump is enabled



NETWORK & HOST NAME

Not connected



SECURITY POLICY

No profile selected

Quit

Begin Installation

We won't touch your disks until you click 'Begin Installation'.

ROOT PASSWORD

CENTOS 7 INSTALLATION

Done

in (eng)

Help!

The root account is used for administering the system. Enter a password for the root user.

Root Password:

••••

Too short

Confirm:

••••

 The password is too short. You will have to press Done twice to confirm it.



CentOS

CONFIGURATION

USER SETTINGS



ROOT PASSWORD

Root password is set



USER CREATION

No user will be created

Installing systemd (196/303)

CentOS Virtualization SIG

Virtualization in CentOS, virtualization of CentOS.

ci.centos.org/SpecialInterestGroup



balajisolutne X

```
CentOS Linux 7 (Core)
Kernel 3.10.0-957.el7.x86_64 on an x86_64

localhost login: root
Password:
[root@localhost ~]# nmcli conn show
NAME      UUID                                  TYPE      DEVICE
ens33     9bbc2fe4-ffb7-4a95-80ea-f1cd67af24c4  ethernet  --
[root@localhost ~]# nmcli conn up ens33
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/1)
[root@localhost ~]# ip addr show
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:29:22:89:e9 brd ff:ff:ff:ff:ff:ff
        inet 192.168.195.133/24 brd 192.168.195.255 scope global noprefixroute dynamic ens33
            valid_lft 1756sec preferred_lft 1756sec
        inet6 fe80::a4c4:9eb5:ae71:5cd8/64 scope link noprefixroute
            valid_lft forever preferred_lft forever
[root@localhost ~]#
```

F sftp://root@192.168.195.133 - FileZilla

File Edit View Transfer Server Bookmarks Help New version available!

Host: sftp://192.168.195 Username: root Password: Port: Quickconnect

Response: 1704399749
Status: Timezone offsets: Server: 19800 seconds. Local: 19800 seconds. Difference: 0 seconds.
Status: Directory listing successful

Local site: D:\

- This PC
- C: (OS)
- D: (New Volume)

Filename	Filesize	Filetype	Last modified
SPPU NO...		File folder	12/05/23 1...
Symbiosis		File folder	01/04/24 1...
System V...		File folder	04/08/23 1...
Trial		File folder	10/10/23 2...
VS code		File folder	12/19/23 1...
apache-h... 278,81...	Compres...		11/29/23 2...
data.txtxl... 278,419	Microsoft...		04/18/23 1...
DataCoS... 95,910...	Microsoft...		01/03/24 2...
FileZilla_3... 6,092...	Compres...		11/29/23 2...
hadoop-... 212,04...	Compres...		11/29/23 2...
JAVA NO... 182	Text Doc...		12/26/23 1...
jdk-8u16... 189,75...	Compres...		11/30/23 0...
Network ... 351	Shortcut		10/12/23 1...
Supply_c... 16,123...	Text Doc...		01/04/24 2...
VMware-... 307,93...	Applicati...		12/08/23 1...
VMware-... 599,53...	Applicati...		11/28/23 1...

Selected 1 file. Total size: 189,756,259 bytes

Remote site: /root

- ?
- root

Filename	Filesize	Filetype	Last modified	Permissions	Owner
..					
.bas...	18	Bash L...	12/29/13	-rw-r--r--	root ro...
.bas...	176	Bash P...	12/29/13	-rw-r--r--	root ro...
.bas...	176	Bash R...	12/29/13	-rw-r--r--	root ro...
.cshrc	100	CSHRC...	12/29/13	-rw-r--r--	root ro...
.tcsh...	129	TCSHR...	12/29/13	-rw-r--r--	root ro...
anac...	1,266	Config...	01/05/24	-rw-----	root ro...
jdk...	189,7...	Compr...	01/05/24...	-rw-r--r--	root ro...

7 files. Total size: 189,758,124 bytes

Server/Local file Dire... Remote file Size Prio... Status

Queued files Failed transfers Successful transfers (1)

Snipping Tool

Screenshot copied to clipboard and saved
Select here to mark up and share the image

Queue: empty

balajisolunke X

```
jdk1.8.0_161/jre/lib/amd64/libj2pcsc.so
jdk1.8.0_161/jre/lib/amd64/libjfxwebkit.so
jdk1.8.0_161/jre/lib/amd64/libfontmanager.so
jdk1.8.0_161/jre/lib/amd64/libjsoundalsa.so
jdk1.8.0_161/jre/lib/amd64/libbci.so
jdk1.8.0_161/jre/lib/amd64/libjdwp.so
jdk1.8.0_161/jre/lib/amd64/libjsound.so
jdk1.8.0_161/jre/lib/amd64/libjaas_unix.so
jdk1.8.0_161/jre/lib/amd64/libavplugin-53.so
jdk1.8.0_161/jre/lib/amd64/libattach.so
jdk1.8.0_161/jre/lib/amd64/libresource.so
jdk1.8.0_161/jre/lib/amd64/libjava.so
jdk1.8.0_161/jre/lib/amd64/libjfr.so
jdk1.8.0_161/jre/lib/amd64/libavplugin-55.so
jdk1.8.0_161/jre/lib/amd64/libawt.so
jdk1.8.0_161/jre/lib/amd64/libjawt.so
jdk1.8.0_161/jre/lib/amd64/libverify.so
jdk1.8.0_161/jre/lib/amd64/libzip.so
jdk1.8.0_161/jre/lib/amd64/libjavafx_io.so
jdk1.8.0_161/jre/lib/amd64/libjava_crw_demo.so
jdk1.8.0_161/jre/lib/amd64/libjfxmedia.so
jdk1.8.0_161/jre/lib/amd64/libnet.so
jdk1.8.0_161/jre/lib/amd64/libjavafx_font.so
jdk1.8.0_161/jre/lib/amd64/libprism_common.so
jdk1.8.0_161/jre/lib/amd64/libnio.so
jdk1.8.0_161/jre/lib/amd64/libprism_es2.so
jdk1.8.0_161/jre/lib/amd64/libinstrument.so
jdk1.8.0_161/jre/lib/amd64/libkcms.so
jdk1.8.0_161/jre/lib/amd64/libawt_xawt.so
jdk1.8.0_161/jre/lib/amd64/libmanagement.so
jdk1.8.0_161/jre/lib/amd64/libunpack.so
jdk1.8.0_161/jre/lib/amd64/libgstreamer-lite.so
jdk1.8.0_161/jre/lib/amd64/libawt_headless.so
jdk1.8.0_161/jre/lib/amd64/libsplashscreen.so
jdk1.8.0_161/jre/lib/fontconfig.properties.src
jdk1.8.0_161/jre/lib/psfont.properties.ja
jdk1.8.0_161/jre/lib/fontconfig.Turbo.properties.src
jdk1.8.0_161/jre/lib/jce.jar
jdk1.8.0_161/jre/lib/flavormap.properties
jdk1.8.0_161/jre/lib/jfxswt.jar
jdk1.8.0_161/jre/lib/fontconfig.SuSE.10.properties.src
jdk1.8.0_161/jre/lib/fontconfig.SuSE.11.bfc
jdk1.8.0_161/jre/COPYRIGHT
jdk1.8.0_161/jre/THIRDPARTYLICENSEREADME-JAVAFX.txt
jdk1.8.0_161/jre/Welcome.html
jdk1.8.0_161/jre/README
jdk1.8.0_161/README.html
[root@localhost ~]#
```

balajisolunke

```
jdk1.8.0_161/jre/lib/amd64/libjsoundalsa.so
jdk1.8.0_161/jre/lib/amd64/libbbc.i.so
jdk1.8.0_161/jre/lib/amd64/libjdwp.so
jdk1.8.0_161/jre/lib/amd64/libjsound.so
jdk1.8.0_161/jre/lib/amd64/libjaas_unix.so
jdk1.8.0_161/jre/lib/amd64/libavplugin-53.so
jdk1.8.0_161/jre/lib/amd64/libattach.so
jdk1.8.0_161/jre/lib/amd64/libresource.so
jdk1.8.0_161/jre/lib/amd64/libjava.so
jdk1.8.0_161/jre/lib/amd64/libjfr.so
jdk1.8.0_161/jre/lib/amd64/libavplugin-55.so
jdk1.8.0_161/jre/lib/amd64/libawt.so
jdk1.8.0_161/jre/lib/amd64/libjawt.so
jdk1.8.0_161/jre/lib/amd64/libverify.so
jdk1.8.0_161/jre/lib/amd64/libzip.so
jdk1.8.0_161/jre/lib/amd64/libjavafx_iio.so
jdk1.8.0_161/jre/lib/amd64/libjava_crw_demo.so
jdk1.8.0_161/jre/lib/amd64/libjfxmedia.so
jdk1.8.0_161/jre/lib/amd64/libnet.so
jdk1.8.0_161/jre/lib/amd64/libjavafx_font.so
jdk1.8.0_161/jre/lib/amd64/libprism_common.so
jdk1.8.0_161/jre/lib/amd64/libnio.so
jdk1.8.0_161/jre/lib/amd64/libprism_es2.so
jdk1.8.0_161/jre/lib/amd64/libinstrument.so
jdk1.8.0_161/jre/lib/amd64/libkcms.so
jdk1.8.0_161/jre/lib/amd64/libawt_xawt.so
jdk1.8.0_161/jre/lib/amd64/libmanagement.so
jdk1.8.0_161/jre/lib/amd64/libunpack.so
jdk1.8.0_161/jre/lib/amd64/libgstreamer-lite.so
jdk1.8.0_161/jre/lib/amd64/libawt_headless.so
jdk1.8.0_161/jre/lib/amd64/libsplashscreen.so
jdk1.8.0_161/jre/lib/fontconfig.properties.src
jdk1.8.0_161/jre/lib/psfond.properties.ja
jdk1.8.0_161/jre/lib/fontconfig.Turbo.properties.src
jdk1.8.0_161/jre/lib/jce.jar
jdk1.8.0_161/jre/lib/flavormap.properties
jdk1.8.0_161/jre/lib/jfxswt.jar
jdk1.8.0_161/jre/lib/fontconfig.SuSE.10.properties.src
jdk1.8.0_161/jre/lib/fontconfig.SuSE.11.bfc
jdk1.8.0_161/jre/COPYRIGHT
jdk1.8.0_161/jre/THIRDPARTYLICENSEREADME-JAVAFX.txt
jdk1.8.0_161/jre/Welcome.html
jdk1.8.0_161/jre/README
jdk1.8.0_161/README.html
[root@localhost ~]# ls
anaconda-ks.cfg jdk1.8.0_161 jdk-8u161-linux-x64.tar.gz
[root@localhost ~]# mv jdk1.8.0_161 /usr/local/java
[root@localhost ~]# vi /etc/profile_
```

```
# /etc/profile

# System wide environment and startup programs, for login setup
# Functions and aliases go in /etc/bashrc

# It's NOT a good idea to change this file unless you know what you
# are doing. It's much better to create a custom.sh shell script in
# /etc/profile.d/ to make custom changes to your environment, as this
# will prevent the need for merging in future updates.

pathmunge () {
    case ":${PATH}:" in
        *:"$1":*)
            ;;
        *)
            if [ "$2" = "after" ] ; then
                PATH=$PATH:$1
            else
                PATH=$1:$PATH
            fi
    esac
}

if [ -x /usr/bin/id ]; then
    if [ -z "$EUID" ]; then
        # ksh workaround
        EUID=`/usr/bin/id -u`
        UID=`/usr/bin/id -ru`
    fi
    USER=`/usr/bin/id -un`
    LOGNAME=$USER
    MAIL="/var/spool/mail/$USER"
fi

# Path manipulation
if [ "$EUID" = "0" ]; then
    pathmunge /usr/sbin
    pathmunge /usr/local/sbin
else
    pathmunge /usr/local/sbin after
    pathmunge /usr/sbin after
fi

HOSTNAME=`/usr/bin/hostname 2>/dev/null`
HISTSIZE=1000
if [ "$HISTCONTROL" = "ignorespace" ] ; then
    "/etc/profile" 76L, 1819C
```

```
# Path manipulation
if [ "$EUID" = "0" ]; then
    pathmunge /usr/sbin
    pathmunge /usr/local/sbin
else
    pathmunge /usr/local/sbin after
    pathmunge /usr/sbin after
fi

HOSTNAME=`/usr/bin/hostname 2>/dev/null`
HISTSIZE=1000
if [ "$HISTCONTROL" = "ignorespace" ] ; then
    export HISTCONTROL=ignoreboth
else
    export HISTCONTROL=ignoredups
fi

export PATH USER LOGNAME MAIL HOSTNAME HISTSIZE HISTCONTROL

# By default, we want umask to get set. This sets it for login shell
# Current threshold for system reserved uid/gids is 200
# You could check uid/gid reservation validity in
# /usr/share/doc/setup->uidgid file
if [ $UID -gt 199 ] && [ "`/usr/bin/id -gn`" = "`/usr/bin/id -un`" ]; then
    umask 002
else
    umask 022
fi

for i in /etc/profile.d/*.*sh /etc/profile.d/sh.local : do
    if [ -r "$i" ]; then
        if [ "${-##*i}" != "$-" ]; then
            . "$i"
        else
            . "$i" >/dev/null
        fi
    fi
done

unset i
unset -f pathmunge
export JAVA_HOME=/usr/local/java/
export PATH=$PATH:/usr/local/java/bin

-- INSERT --
```

```
link/ether 00:0c:29:22:89:e9 brd ff:ff:ff:ff:ff:ff
inet 192.168.195.133/24 brd 192.168.195.255 scope global noprefixroute dynamic ens33
    valid_lft 1795sec preferred_lft 1795sec
inet6 fe80::a4c4:9eb5:ae71:5cd8/64 scope link noprefixroute
    valid_lft forever preferred_lft forever
[root@localhost ~]# ip addr show
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:29:22:89:e9 brd ff:ff:ff:ff:ff:ff
[root@localhost ~]# nmcli conn up ens33
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/2)
[root@localhost ~]# ip addr show
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:29:22:89:e9 brd ff:ff:ff:ff:ff:ff
    inet 192.168.195.133/24 brd 192.168.195.255 scope global noprefixroute dynamic ens33
        valid_lft 1795sec preferred_lft 1795sec
    inet6 fe80::a4c4:9eb5:ae71:5cd8/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
[root@localhost ~]# ls
anaconda-ks.cfg  hadoop-2.7.2.tar.gz  jdk-8u161-linux-x64.tar.gz
[root@localhost ~]# jps
7572 Jps
[root@localhost ~]# tar -xvf hadoop-2.7.2.tar.gz _
```

```
hadoop-2.7.2/share/hadoop/common/lib/hadoop-annotations-2.7.2.jar
hadoop-2.7.2/share/hadoop/common/lib/jaxb-api-2.2.2.jar
hadoop-2.7.2/share/hadoop/common/lib/jersey-json-1.9.jar
hadoop-2.7.2/share/hadoop/common/lib/protobuf-java-2.5.0.jar
hadoop-2.7.2/share/hadoop/common/lib/httpcore-4.2.5.jar
hadoop-2.7.2/share/hadoop/common/lib/avro-1.7.4.jar
hadoop-2.7.2/share/hadoop/common/lib/commons-beanutils-core-1.8.0.jar
hadoop-2.7.2/share/hadoop/common/lib/servlet-api-2.5.jar
hadoop-2.7.2/share/hadoop/common/lib/api-asn1-api-1.0.0-M20.jar
hadoop-2.7.2/share/hadoop/common/lib/gson-2.2.4.jar
hadoop-2.7.2/share/hadoop/common/lib/commons-cli-1.2.jar
hadoop-2.7.2/share/hadoop/common/lib/junit-4.11.jar
hadoop-2.7.2/share/hadoop/common/lib/jettison-1.1.jar
hadoop-2.7.2/share/hadoop/common/lib/jsr305-3.0.0.jar
hadoop-2.7.2/share/hadoop/common/lib/commons-logging-1.1.3.jar
hadoop-2.7.2/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar
hadoop-2.7.2/share/hadoop/common/lib/hamcrest-core-1.3.jar
hadoop-2.7.2/share/hadoop/common/lib/slf4j-api-1.7.10.jar
hadoop-2.7.2/share/hadoop/common/lib/commons-httpclient-3.1.jar
hadoop-2.7.2/share/hadoop/common/lib/commons-beanutils-1.7.0.jar
hadoop-2.7.2/share/hadoop/common/lib/paranamer-2.3.jar
hadoop-2.7.2/share/hadoop/common/hadoop-common-2.7.2-tests.jar
hadoop-2.7.2/share/hadoop/common/sources/
hadoop-2.7.2/share/hadoop/common/sources/hadoop-common-2.7.2-sources.jar
hadoop-2.7.2/share/hadoop/common/sources/hadoop-common-2.7.2-test-sources.jar
hadoop-2.7.2/lib/
hadoop-2.7.2/lib/native/
hadoop-2.7.2/lib/native/libhdfs.so
hadoop-2.7.2/lib/native/libhadooputils.a
hadoop-2.7.2/lib/native/libhdfs.so.0.0.0
hadoop-2.7.2/lib/native/libhadoop.so.1.0.0
hadoop-2.7.2/lib/native/libhadoop.a
hadoop-2.7.2/lib/native/libhdfs.a
hadoop-2.7.2/lib/native/libhadoop.so
hadoop-2.7.2/lib/native/libhadooppipes.a
hadoop-2.7.2/LICENSE.txt
[root@localhost ~]# _
```

```

# Extra Java runtime options. Empty by default.
export HADOOP_OPTS="$HADOOP_OPTS -Djava.net.preferIPv4Stack=true"

# Command specific options appended to HADOOP_OPTS when specified
export HADOOP_NAMENODE_OPTS="-Dhadoop.security.logger=${HADOOP_SECURITY_LOGGER:-INFO,RFAS} -Dhdfs.audit.logger=${HDFS_AUDIT_LOGGER:-INFO,NullAppender} $HADOOP_NAMENODE_OPTS"
export HADOOP_DATANODE_OPTS="-Dhadoop.security.logger=ERROR,RFAS $HADOOP_DATANODE_OPTS"

export HADOOP_SECONDARYNAMENODE_OPTS="-Dhadoop.security.logger=${HADOOP_SECURITY_LOGGER:-INFO,RFAS} -Dhdfs.audit.logger=${HDFS_AUDIT_LOGGER:-INFO,NullAppender} $HADOOP_SECONDARYNAMENODE_OPTS"

export HADOOP_NFS3_OPTS="$HADOOP_NFS3_OPTS"
export HADOOP_PORTMAP_OPTS="-Xmx512m $HADOOP_PORTMAP_OPTS"

# The following applies to multiple commands (fs, dfs, fsck, distcp etc)
export HADOOP_CLIENT_OPTS="-Xmx512m $HADOOP_CLIENT_OPTS"
#HADOOP_JAVA_PLATFORM_OPTS="-XX:-UsePerfData $HADOOP_JAVA_PLATFORM_OPTS"

# On secure datanodes, user to run the datanode as after dropping privileges.
# This **MUST** be uncommented to enable secure HDFS if using privileged ports
# to provide authentication of data transfer protocol. This **MUST NOT** be
# defined if SASL is configured for authentication of data transfer protocol
# using non-privileged ports.
export HADOOP_SECURE_DN_USER=${HADOOP_SECURE_DN_USER}

# Where log files are stored. $HADOOP_HOME/logs by default.
#export HADOOP_LOG_DIR=${HADOOP_LOG_DIR}/$USER

# Where log files are stored in the secure data environment.
export HADOOP_SECURE_DN_LOG_DIR=${HADOOP_LOG_DIR}/${HADOOP_HDFS_USER}

####
# HDFS Mover specific parameters
####
export JAVA_HOME=/usr/local/java
".hadoop-env.sh" 99L, 4257C written
[root@localhost hadoop]#

```

```

export HADOOP_PORTMAP_OPTS="-Xmx512m $HADOOP_PORTMAP_OPTS"

# The following applies to multiple commands (fs, dfs, fsck, distcp etc)
export HADOOP_CLIENT_OPTS="-Xmx512m $HADOOP_CLIENT_OPTS"
#HADOOP_JAVA_PLATFORM_OPTS="-XX:-UsePerfData $HADOOP_JAVA_PLATFORM_OPTS"

# On secure datanodes, user to run the datanode as after dropping privileges.
# This **MUST** be uncommented to enable secure HDFS if using privileged ports
# to provide authentication of data transfer protocol. This **MUST NOT** be
# defined if SASL is configured for authentication of data transfer protocol
# using non-privileged ports.
export HADOOP_SECURE_DN_USER=${HADOOP_SECURE_DN_USER}

# Where log files are stored. $HADOOP_HOME/logs by default.
#export HADOOP_LOG_DIR=${HADOOP_LOG_DIR}/$USER

# Where log files are stored in the secure data environment.
export HADOOP_SECURE_DN_LOG_DIR=${HADOOP_LOG_DIR}/${HADOOP_HDFS_USER}

#####
# HDFS Mover specific parameters
#####
export JAVA_HOME=/usr/local/java
"hadoop-env.sh" 99L, 4257C written
[root@localhost hadoop]# source hadoop-env.sh
[root@localhost hadoop]# ls
capacity-scheduler.xml      httpfs-env.sh          mapred-env.sh
configuration.xsl           httpfs-log4j.properties  mapred-queues.xml.template
container-executor.cfg       httpfs-signature.secret  mapred-site.xml.template
core-site.xml                httpfs-site.xml        slaves
hadoop-env.cmd              kms-acls.xml          ssl-client.xml.example
hadoop-env.sh                kms-env.sh            ssl-server.xml.example
hadoop-metrics2.properties   kms-log4j.properties  yarn-env.cmd
hadoop-metrics.properties    kms-site.xml         yarn-env.sh
hadoop-policy.xml            log4j.properties     yarn-site.xml
hdfs-site.xml                mapred-env.cmd
[root@localhost hadoop]# vi core-site.xml

```

```
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
    Licensed under the Apache License, Version 2.0 (the "License");
    you may not use this file except in compliance with the License.
    You may obtain a copy of the License at

        http://www.apache.org/licenses/LICENSE-2.0

    Unless required by applicable law or agreed to in writing, software
    distributed under the License is distributed on an "AS IS" BASIS,
    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
    See the License for the specific language governing permissions and
    limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>

    <name>fs.default.name</name>
    <value>hdfs://localhost:9000</value>
</property>

</configuration>
~
~
~
~
~
```

"core-site.xml" 29L, 871C written
[root@localhost hadoop]# vi hdfs-site.xml _

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See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.

-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>

<name>dfs.replication</name>

<value>1</value>

</property>

<property>

<name>dfs.name.dir</name>

<value>file:///storage/name</value>

</property>

<property>

<name>dfs.data.dir</name>

<value>file:///storage/data</value>

</property>

"hdfs-site.xml" 48L, 1036C written
[root@localhost hadoop]# _

```
<value>1</value>
</property>

<property>
  <name>dfs.name.dir</name>
  <value>file:///storage/name</value>
</property>

<property>
  <name>dfs.data.dir</name>
  <value>file:///storage/data</value>
</property>
"dfs-site.xml" 48L, 1036C written
[root@localhost hadoop]# ls
capacity-scheduler.xml      httpfs-env.sh          mapred-env.sh
configuration.xsl            httpfs-log4j.properties  mapred-queues.xml.template
container-executor.cfg       httpfs-signature.secret mapred-site.xml.template
core-site.xml                httpfs-site.xml        slaves
hadoop-env.cmd               kms-acls.xml          ssl-client.xml.example
hadoop-env.sh                kms-env.sh           ssl-server.xml.example
hadoop-metrics2.properties   kms-log4j.properties  yarn-env.cmd
hadoop-metrics.properties    kms-site.xml         yarn-env.sh
hadoop-policy.xml            log4j.properties     yarn-site.xml
hdfs-site.xml                mapred-env.cmd
[root@localhost hadoop]# mv mapred-site.xml.template mapred-site.xml
[root@localhost hadoop]# vi mapred-site.xml
```



```
<!--
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you may not use this file except in compliance with the License.
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    http://www.apache.org/licenses/LICENSE-2.0

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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->
<configuration>
<property>

<name>yarn.nodemanager.aux-services</name>
<value>mapreduce_shuffle</value>
</property>

<!-- Site specific YARN configuration properties -->
</configuration>
~
~
~
~
~
```

"yarn-site.xml" 28L, 797C written
[root@localhost hadoop]#

```
24/01/05 10:48:07 INFO util.GSet: 0.25% max memory 966.7 MB = 2.4 MB
24/01/05 10:48:07 INFO util.GSet: capacity      = 2^18 = 262144 entries
24/01/05 10:48:07 INFO namenode.FSNamesystem: dfs.namenode.safemode.threshold-pct = 0.99900001287460
33
24/01/05 10:48:07 INFO namenode.FSNamesystem: dfs.namenode.safemode.min.datanodes = 0
24/01/05 10:48:07 INFO namenode.FSNamesystem: dfs.namenode.safemode.extension      = 30000
24/01/05 10:48:07 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.window.num.buckets = 10
24/01/05 10:48:07 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.num.users = 10
24/01/05 10:48:07 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.windows.minutes = 1,5,25
24/01/05 10:48:07 INFO namenode.FSNamesystem: Retry cache on namenode is enabled
24/01/05 10:48:07 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry time is 600000 millis
24/01/05 10:48:07 INFO util.GSet: Computing capacity for map NameNodeRetryCache
24/01/05 10:48:07 INFO util.GSet: VM type      = 64-bit
24/01/05 10:48:07 INFO util.GSet: 0.029999999329447746% max memory 966.7 MB = 297.0 KB
24/01/05 10:48:07 INFO util.GSet: capacity      = 2^15 = 32768 entries
24/01/05 10:48:07 INFO namenode.FSImage: Allocated new BlockPoolId: BP-589031677-127.0.0.1-170443188
7415
24/01/05 10:48:07 INFO common.Storage: Storage directory /storage/name has been successfully formatted.
24/01/05 10:48:08 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
24/01/05 10:48:08 INFO util.ExitUtil: Exiting with status 0
24/01/05 10:48:08 INFO namenode.NameNode: SHUTDOWN_MSG:
*****SHUTDOWN_MSG: Shutting down NameNode at localhost/127.0.0.1
*****
[root@localhost hadoop]# cd ..
[root@localhost etc]# cd ..
[root@localhost hadoop]# cd sbin
[root@localhost sbin]# sh start-dfs.sh
24/01/05 10:49:21 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
... using builtin-java classes where applicable
Starting namenodes on [localhost]
The authenticity of host 'localhost (::1)' can't be established.
ECDSA key fingerprint is SHA256:uyNpgwL7cF2jhRMyjqBTOw/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? _
```

```
24/01/05 10:48:07 INFO util.GSet: Computing capacity for map NameNodeRetryCache
24/01/05 10:48:07 INFO util.GSet: VM type          = 64-bit
24/01/05 10:48:07 INFO util.GSet: 0.029999999329447746% max memory 966.7 MB = 297.0 KB
24/01/05 10:48:07 INFO util.GSet: capacity        = 2^15 = 32768 entries
24/01/05 10:48:07 INFO namenode.FSImage: Allocated new BlockPoolId: BP-589031677-127.0.0.1-170443188
7415
24/01/05 10:48:07 INFO common.Storage: Storage directory /storage/name has been successfully formatt
ed.
24/01/05 10:48:08 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
24/01/05 10:48:08 INFO util.ExitUtil: Exiting with status 0
24/01/05 10:48:08 INFO namenode.NameNode: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down NameNode at localhost/127.0.0.1
*****/
[root@localhost hadoop]# cd ..
[root@localhost etc]# cd ..
[root@localhost hadoop]# cd sbin
[root@localhost sbin]# sh start-dfs.sh
24/01/05 10:49:21 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
Starting namenodes on [localhost]
The authenticity of host 'localhost (::1)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? yes
localhost: Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts.
root@localhost's password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-root-namenode-localhost.local
domain.out
root@localhost's password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-root-datanode-localhost.local
domain.out
Starting secondary namenodes [0.0.0.0]
The authenticity of host '0.0.0.0 (0.0.0.0)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)?
```

```
ed.
24/01/05 10:48:08 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
24/01/05 10:48:08 INFO util.ExitUtil: Exiting with status 0
24/01/05 10:48:08 INFO namenode.NameNode: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down NameNode at localhost/127.0.0.1
*****/
[root@localhost hadoop]# cd ..
[root@localhost etc]# cd ..
[root@localhost hadoop]# cd sbin
[root@localhost sbin]# sh start-dfs.sh
24/01/05 10:49:21 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
Starting namenodes on [localhost]
The authenticity of host 'localhost (::1)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? yes
localhost: Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts.
root@localhost's password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-root-namenode-localhost.local
domain.out
root@localhost's password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-root-datanode-localhost.local
domain.out
Starting secondary namenodes [0.0.0.0]
The authenticity of host '0.0.0.0 (0.0.0.0)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? yes
0.0.0.0: Warning: Permanently added '0.0.0.0' (ECDSA) to the list of known hosts.
root@0.0.0.0's password:
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-root-secondarynamenode
-localhost.localdomain.out
24/01/05 10:50:42 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@localhost sbin]#
```

```
SHUTDOWN_MSG: Shutting down NameNode at localhost/127.0.0.1
*****
[root@localhost hadoop]# cd ..
[root@localhost etc]# cd ..
[root@localhost hadoop]# cd sbin
[root@localhost sbin]# sh start-dfs.sh
24/01/05 10:49:21 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
Starting namenodes on [localhost]
The authenticity of host 'localhost (::1)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? yes
localhost: Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts.
root@localhost's password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-root-namenode-localhost.local
domain.out
root@localhost's password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-root-datanode-localhost.local
domain.out
Starting secondary namenodes [0.0.0.0]
The authenticity of host '0.0.0.0 (0.0.0.0)' can't be established.
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjmqBT0w/veYwAZ9z0sxwANnz5o4.
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.
Are you sure you want to continue connecting (yes/no)? yes
0.0.0.0: Warning: Permanently added '0.0.0.0' (ECDSA) to the list of known hosts.
root@0.0.0.0's password:
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-root-secondarynamenode
-localhost.localdomain.out
24/01/05 10:50:42 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@localhost sbin]# jps
7522 NameNode
7639 DataNode
7899 Jps
7790 SecondaryNameNode
[root@localhost sbin]# sh start-yarn.sh
```

```
The authenticity of host '0.0.0.0 (0.0.0.0)' can't be established.  
ECDSA key fingerprint is SHA256:vyNpgwL7cF2jhRMyjqBT0w/veYwA29z0sxwANnz5o4.  
ECDSA key fingerprint is MD5:28:35:df:40:4d:13:59:90:55:2d:35:41:f0:22:5e:ad.  
Are you sure you want to continue connecting (yes/no)? yes  
0.0.0.0: Warning: Permanently added '0.0.0.0' (ECDSA) to the list of known hosts.  
root@0.0.0.0's password:  
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-root-secondarynamenode  
-localhost.localdomain.out  
24/01/05 10:50:42 WARM util.NativeCodeLoader: Unable to load native-hadoop library for your platform  
... using builtin-java classes where applicable  
[root@localhost sbin]# jps  
7522 NameNode  
7639 DataNode  
7899 Jps  
7790 SecondaryNameNode  
[root@localhost sbin]# sh start-yarn.sh  
starting yarn daemons  
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-root-resourcemanager-localhost.loca  
ldomain.out  
root@localhost's password:  
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-root-nodemanager-localhost.lo  
caldomain.out  
[root@localhost sbin]# sudo 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 Fri 2024-01-05 10:42:44 IST; 14min ago  
     Docs: man:firewalld(1)  
 Main PID: 6325 (firewalld)  
    CGroup: /system.slice/firewalld.service  
           └─6325 /usr/bin/python -Es /usr/sbin/firewalld --nofork --nopid  
  
Jan 05 10:42:41 localhost.localdomain systemd[1]: Starting firewalld - dynamic firewall daemon...  
Jan 05 10:42:44 localhost.localdomain systemd[1]: Started firewalld - dynamic firewall daemon.  
[root@localhost sbin]# sudo systemctl stop firewalld  
[root@localhost sbin]# sudo systemctl disable firewalld  
Unknown operation 'disable'.  
[root@localhost sbin]# _
```

SSOU: Log in to the site

Namenode information

Not secure master:50070/dfshealth.html#tab-overview

Apps Figma Gmail YouTube Maps chatgpt Bard Instagram Facebook Amazon Welcome to the net...

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

Overview 'localhost:9000' (active)

Started:	Fri Jan 05 11:10:14 IST 2024
Version:	2.7.2, rb165c4fe8a74265c792ce23f546c64604acf0e41
Compiled:	2016-01-26T00:08Z by jenkins from (detached from b165c4f)
Cluster ID:	CID-c763ad92-13c9-4171-a9dc-73aba0e34e33
Block Pool ID:	BP-589031677-127.0.0.1-1704431887415

Summary

Security is off.

Safemode is off.

1 files and directories, 0 blocks = 1 total filesystem object(s).

Heap Memory used 27.87 MR of 45.95 MR. Max Heap Memory is 986.69 MR.

SSOU: Log in to the site × Namenode information × All Applications × +

Not secure master:8088/cluster

Apps Figma Gmail YouTube Maps chatgpt Bard Instagram (3) Facebook Amazon Welcome to the net... All Bookmarks

All Applications

 hadoop

Cluster Metrics														
	Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used	Memory Total	Memory Reserved	Vcores Used	Vcores Total	Vcores Reserved	Active Nodes	Decommissioned Nodes	Lost Nodes
About Nodes	0	0	0	0	0	0 B	8 GB	0 B	0	8	0	1	0	0

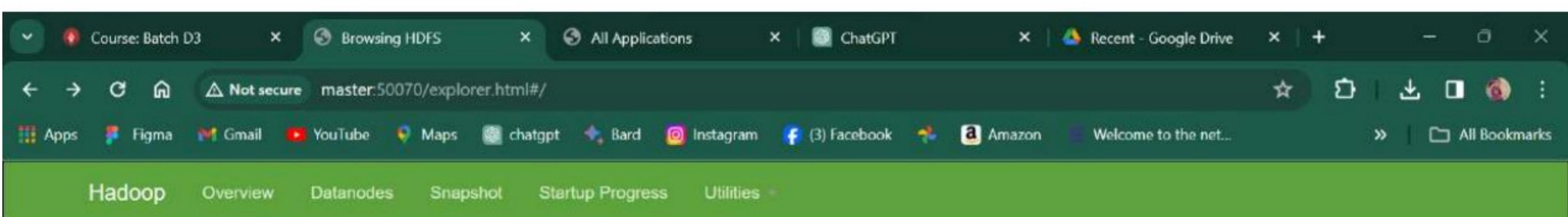
Scheduler Metrics											
Scheduler Type Scheduling Resource Type Minimum Allocation Maximum Alloc											
Capacity Scheduler [MEMORY] <memory:1024, vCores:1> <memory:8192, vCores:32>											
Show 20 entries	Search:										
ID	User	Name	Application Type	Queue	StartTime	FinishTime	State	FinalStatus	Progress	Tracking UI	...
No data available in table											

Showing 0 to 0 of 0 entries First Previous Next Last

```
root@localhost's password:  
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-root-nodemanager-master.out  
[root@master ~]# jps  
7266 NameNode  
7540 SecondaryNameNode  
7686 ResourceManager  
8087 Jps  
7384 DataNode  
7963 NodeManager  
[root@master ~]# nmcli conn show  
NAME      UUID                                  TYPE      DEVICE  
ens33    9bbc2fe4-ffb7-4a95-80ea-f1cd67af24c4  ethernet  --  
[root@master ~]# nmcli conn up ens 33  
Error: unknown connection 'ens'.  
[root@master ~]# nmcli conn up ens33  
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/1)  
[root@master ~]# ip addr show  
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:29:22:89:e9 brd ff:ff:ff:ff:ff:ff  
    inet 192.168.195.133/24 brd 192.168.195.255 scope global noprefixroute dynamic ens33  
        valid_lft 1791sec preferred_lft 1791sec  
    inet6 fe80::a4c4:9eb5:ae71:5cd8/64 scope link noprefixroute  
        valid_lft forever preferred_lft forever  
[root@master ~]# sudo systemctl status firewalld  
● firewalld.service - firewalld - dynamic firewall daemon  
   Loaded: loaded (/usr/lib/systemd/system/firewalld.service; disabled; vendor preset: enabled)  
   Active: inactive (dead)  
     Docs: man:firewalld(1)  
[root@master ~]# _
```

```
[root@master ~]# ls
anaconda-ks.cfg  Final.csv  hadoop-2.7.2.tar.gz  jdk-8u161-linux-x64.tar.gz
[root@master ~]# mv Final.csv /
[root@master ~]# cd /
[root@master /]# ls
bin  dev  Final.csv  lib  media  opt  root  sbin  storage  tmp  var
boot etc  home  lib64  mnt  proc  run  srv  sys      usr
[root@master /]# jps
7266 NameNode
7540 SecondaryNameNode
8292 Jps
7686 ResourceManager
7384 DataNode
7963 NodeManager
[root@master /]# hdfs dfs -mkdir /sample
24/01/05 11:31:01 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@master /]# hdfs dfs -put Final.csv /sample/
24/01/05 11:31:44 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@master /]# ls
bin  dev  Final.csv  lib  media  opt  root  sbin  storage  tmp  var
boot etc  home  lib64  mnt  proc  run  srv  sys      usr
[root@master /]# cd /storage/
[root@master storage]# ls
data  name
[root@master storage]# cd data/
[root@master data]# ls
current  in_use.lock
[root@master data]# cd current/
[root@master current]# ls
BP-589031677-127.0.0.1-1704431887415  VERSION
[root@master current]# cd BP-589031677-127.0.0.1-1704431887415/
[root@master BP-589031677-127.0.0.1-1704431887415]# ls
current  scanner.cursor  tmp
[root@master BP-589031677-127.0.0.1-1704431887415]# cd current/
[root@master current]#
```

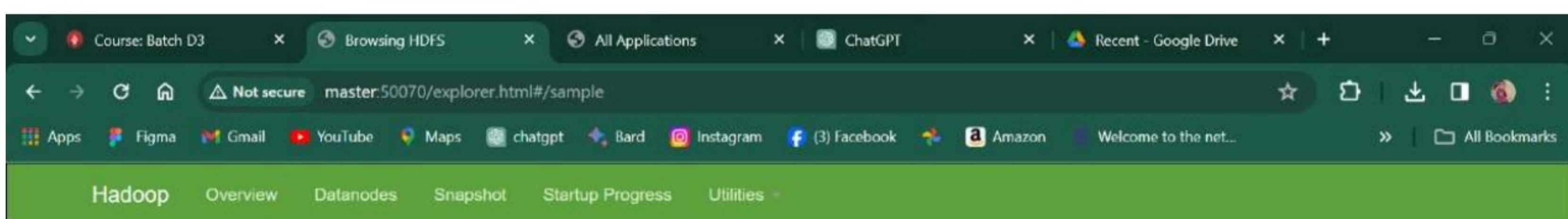
```
7540 SecondaryNameNode
8292 Jps
7686 ResourceManager
7384 DataNode
7963 NodeManager
[root@master ~]# hdfs dfs -mkdir /sample
24/01/05 11:31:01 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@master ~]# hdfs dfs -put Final.csv /sample/
24/01/05 11:31:44 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
... using builtin-java classes where applicable
[root@master ~]# ls
bin  dev  Final.csv  lib  media  opt  root  sbin  storage  tmp  var
boot  etc  home  lib64  mnt  proc  run  srv  sys  usr
[root@master ~]# cd /storage/
[root@master storage]# ls
data  name
[root@master storage]# cd data/
[root@master data]# ls
current  in_use.lock
[root@master data]# cd current/
[root@master current]# ls
BP-589031677-127.0.0.1-1704431887415  VERSION
[root@master current]# cd BP-589031677-127.0.0.1-1704431887415/
[root@master BP-589031677-127.0.0.1-1704431887415]# ls
current  scanner.cursor  tmp
[root@master BP-589031677-127.0.0.1-1704431887415]# cd current/
[root@master current]# ls
finalized  rbw  VERSION
[root@master current]# cd finalized/
[root@master finalized]# ls
subdir0
[root@master finalized]# cd subdir0/
[root@master subdir0]# cd subdir0/
[root@master subdir0]# ls
blk_1073741825  blk_1073741825_1001.meta
[root@master subdir0]# _
```



Browse Directory

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
drwxr-xr-x	root	supergroup	0 B	1/5/2024, 11:31:46 AM	0	0 B	sample

Hadoop, 2015.



Browse Directory

/sample

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-r--r--	root	supergroup	15.38 MB	1/5/2024, 11:31:46 AM	1	128 MB	Final.csv

Hadoop, 2015.

A screenshot of a web browser window titled "Browsing HDFS". The address bar shows the URL "master:50070/explorer.html#/sample". The main content area displays a "Browse Directory" page for the path "/sample". A modal dialog box is open, titled "File information - Final.csv", showing details for Block 0. The modal includes fields for Block ID (1073741825), Block Pool ID (BP-589031677-127.0.0.1-1704431887415), Generation Stamp (1001), Size (16123128), and Availability (master). A "Close" button is at the bottom right of the modal.

Course: Batch D3 | Browsing HDFS | All Applications | ChatGPT | Recent - Google Drive | +

Not secure master:50070/explorer.html#/sample

Apps Figma Gmail YouTube Maps chatgpt Bard Instagram Facebook Amazon Welcome to the net... All Bookmarks

Hadoop Overview Datanodes Snapshot Startup Progress Utilities

File information - Final.csv

Download

Block information - Block 0

Block ID: 1073741825
Block Pool ID: BP-589031677-127.0.0.1-1704431887415
Generation Stamp: 1001
Size: 16123128
Availability:

- master

Block Size Name

128 MB Final.csv

Close