New Virtual Machine Wizard

vmware
WORKSTATION
PRO™
17

Welcome to the New Virtual Machine Wizard

What type of configuration do you want?

◉ Typical (recommended)

Create a Workstation 17.5.x 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 | | < Back | 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\Administrator\Downloads\CentOS-7-x86_64 ⌄   Browse...

ⓘ CentOS 7 64-bit detected.
This operating system will use Easy Install. (What's this?)

○ I will install the operating system later.

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

| Help | | < Back | Next > | Cancel |

New Virtual Machine Wizard

×

Easy Install Information
This is used to install CentOS 7 64-bit.

Personalize Linux

Full name:	Kishor Sahoo
User name:	kishor
Password:	••••
Confirm:	••••

This password is for both user and root accounts.

| Help | < Back | Next > | Cancel |

New Virtual Machine Wizard

Name the Virtual Machine

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

Virtual machine name:

CentOSFull

Location:

C:\Users\Administrator\Documents\Virtual Machines\CentOSFull

Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

New Virtual Machine Wizard

Specify Disk Capacity

How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):   42.0

Recommended size for CentOS 7 64-bit: 20 GB

○ Store virtual disk as a single file

● Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

| Help | | < Back | Next > | Cancel |

New Virtual Machine Wizard

Ready to Create Virtual Machine

Click Finish to create the virtual machine and start installing CentOS 7 64-bit and then VMware Tools.

The virtual machine will be created with the following settings:

Name:	CentOSFull
Location:	C:\Users\Administrator\Documents\Virtual Machines\...
Version:	Workstation 17.5.x
Operating System:	CentOS 7 64-bit
Hard Disk:	42 GB, Split
Memory:	1024 MB
Network Adapter:	NAT
Other Devices:	CD/DVD, USB Controller, Sound Card

Customize Hardware...

☐ Power on this virtual machine after creation

< Back   Finish   Cancel

Virtual Machine Settings

Hardware | Options

Device	Summary
Memory	1.1 GB
Processors	1
Hard Disk (SCSI)	42 GB
CD/DVD (IDE)	Using file autoinst.iso
CD/DVD 2 (IDE)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Display	Auto detect

Memory

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 1152 MB

```
128 GB
 64 GB
 32 GB
 16 GB      ◄        ■ Maximum recommended memory
  8 GB               (Memory swapping may
  4 GB               occur beyond this size.)
  2 GB               14 GB
  1 GB   ◄
512 MB      ◄        ■ Recommended memory
256 MB               1 GB
128 MB
 64 MB               ■ Guest OS recommended minimum
 32 MB               512 MB
 16 MB
  8 MB
  4 MB
```

Add... | Remove

OK | Cancel | Help

Virtual Machine Settings

Hardware | Options

Device	Summary
🖥️ Memory	1.1 GB
⚙️ Processors	1
💽 Hard Disk (SCSI)	42 GB
💿 CD/DVD (IDE)	Using file autoinst.iso
💿 CD/DVD 2 (IDE)	Auto detect
🖧 Network Adapter	NAT
🔌 USB Controller	Present
🔊 Sound Card	Auto detect
🖥️ Display	Auto detect

Add...   Remove

Device status
☐ Connected
☑ Connect at power on

Connection
◉ Use physical drive:

Auto detect ⌄

○ Use ISO image file:

[⌄]   Browse...

Advanced...

OK   Cancel   Help

Virtual Machine Settings

Hardware	**Options**

Settings	Summary
🖥 General	CentOSFull
▶ Power	
🗐 Shared Folders	Disabled
🕔 Snapshots	
🕘 AutoProtect	Disabled
🔒 Guest Isolation	
🔐 Access Control	Not encrypted
vm VMware Tools	Time sync off
🖧 VNC Connections	Disabled
🗗 Unity	
🖳 Appliance View	
👤 Autologin	Not supported
〰 **Advanced**	**Default/Default**

Process priorities

Input grabbed: `Default ⌄`

Input ungrabbed: `Default ⌄`

The default settings are specified in Edit > Preferences > Priority.

Settings

Gather debugging information: `Default ⌄`

☐ Disable memory page trimming

☐ Log virtual machine progress periodically

☐ Enable Template mode (to be used for cloning)

☐ Gather verbose USB debugging information

☐ Clean up disks after shutting down this virtual machine

Firmware type

⚠ Changing firmware might cause the installed guest operating system to become unbootable.

◉ BIOS

○ UEFI

    ☐ Enable secure boot

File locations

Configuration: `C:\Users\Administrator\Documents\Virtual Machines\CentOSFu`

Log: `(Not powered on)`

OK   Cancel   Help

CentOSFull

▶ Power on this virtual machine

📝 Edit virtual machine settings

▼ Devices

🖳 Memory	1.1 GB
▣ Processors	1
🖴 Hard Disk (SCSI)	42 GB
💿 CD/DVD (IDE)	Using file autoin...
💿 CD/DVD 2 (IDE)	Auto detect
🖧 Network Adapter	NAT
🖇 USB Controller	Present
🔊 Sound Card	Auto detect
🖥 Display	Auto detect

▼ Description

Type here to enter a description of this virtual machine.
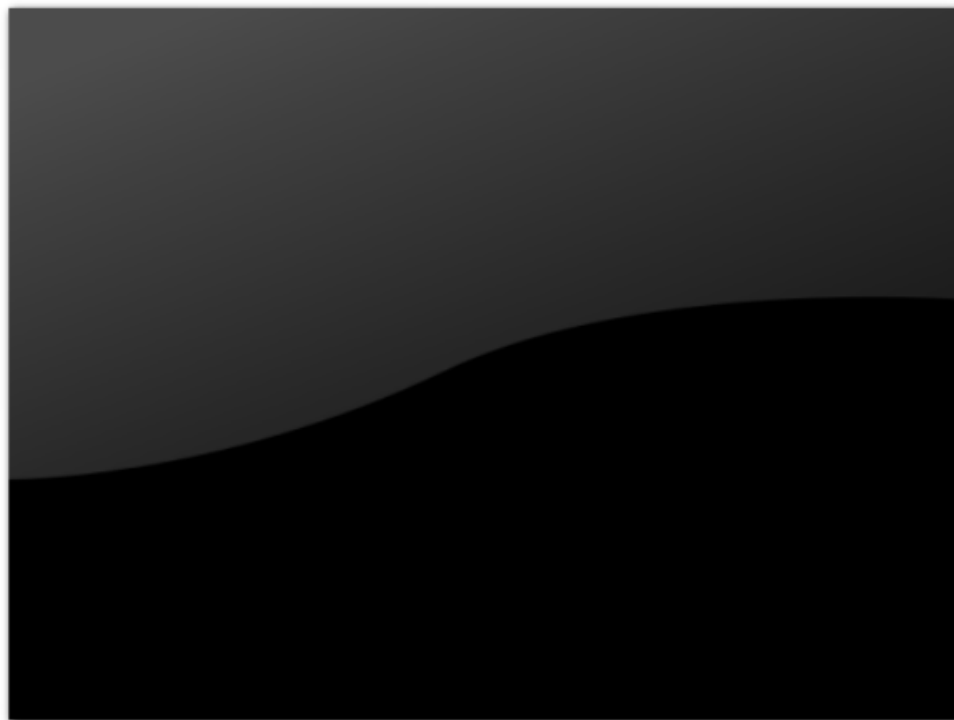
▼ Virtual Machine Details

State: Powered off
Configuration file: C:\Users\Administrator\Documents\Virtual Machines\CentOSFull\CentOSFull.vmx
Hardware compatibility: Workstation 17.5.x virtual machine
Primary IP address: Network information is not available

Activate Windows
Go to Settings to activate Windows.

INSTALLATION SUMMARY

CENTOS 7 INSTALLATION

in (eng)

Help!

LOCALIZATION

DATE & TIME
Asia/Kolkata timezone

KEYBOARD
English (India, with rupee)

LANGUAGE SUPPORT
English (India)

SOFTWARE

INSTALLATION SOURCE
Local media

SOFTWARE SELECTION
Minimal Install

SYSTEM

INSTALLATION DESTINATION

KDUMP

Quit

Begin Installation

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

SOFTWARE SELECTION

Done

in (eng)   Help!

Base Environment

○ **Minimal Install**
Basic functionality.

○ **Compute Node**
Installation for performing computation and processing.

○ **Infrastructure Server**
Server for operating network infrastructure services.

○ **File and Print Server**
File, print, and storage server for enterprises.

○ **Basic Web Server**
Server for serving static and dynamic internet content.

○ **Virtualization Host**
Minimal virtualization host.

● **Server with GUI**
Server for operating network infrastructure services, with a GUI.

○ **GNOME Desktop**
GNOME is a highly intuitive and user friendly desktop environment.

○ **KDE Plasma Workspaces**
The KDE Plasma Workspaces, a highly-configurable graphical user interface which includes a panel, desktop, system icons and desktop widgets, and many powerful KDE applications.

Add-Ons for Selected Environment

☐ **Backup Server**
Software to centralize your infrastructure's backups.

☐ **DNS Name Server**
This package group allows you to run a DNS name server (BIND) on the system.

☐ **E-mail Server**
Allows the system to act as a SMTP and/or IMAP e-mail server.

☐ **FTP Server**
Allows the system to act as an FTP server.

☐ **File and Storage Server**
CIFS, SMB, NFS, iSCSI, iSER, and iSNS network storage server.

☐ **Hardware Monitoring Utilities**
A set of tools to monitor server hardware.

☐ **High Availability**
Infrastructure for highly available services and/or shared storage.

☐ **Identity Management Server**
Centralized management of users, servers and authentication policies.

☐ **Infiniband Support**
Software designed for supporting clustering and grid

Activate Windows

SOFTWARE SELECTION

Done

in (eng)   Help!

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Add-Ons for Selected Environment

☑ **Remote Management for Linux**
Remote management interface for CentOS Linux, including OpenLMI and SNMP.

☐ **Resilient Storage**
Clustered storage, including the GFS2 file system.

☐ **Virtualization Client**
Clients for installing and managing virtualization instances.

☐ **Virtualization Hypervisor**
Smallest possible virtualization host installation.

☐ **Virtualization Tools**
Tools for offline virtual image management.

☑ **Compatibility Libraries**
Compatibility libraries for applications built on previous versions of CentOS Linux.

☑ **Development Tools**
A basic development environment.

☑ **Security Tools**
Security tools for integrity and trust verification.

☐ **Smart Card Support**
Support for using smart card authentication.

☑ **System Administration Tools**
Utilities useful in system administration.

Activate Windows

Press Ctrl+Alt to release the mouse cursor

Install CentOS 7 64-bit as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".

I Finished Installing | Change Disc

Alt.

ENG

SOFTWARE SELECTION

Done

CENTOS 7 INSTALLATION

in (eng)

Help!

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Add-Ons for Selected Environment

system icons and desktop widgets, and many powerful KDE applications.

- ☐ **Large Systems Performance**
  Performance support tools for large systems.
- ☐ **Load Balancer**
  Load balancing support for network traffic.
- ☐ **Mainframe Access**
  Tools for accessing mainframe computing resources.
- ☐ **MariaDB Database Server**
  The MariaDB SQL database server, and associated packages.
- ☑ **Network File System Client**
  Enables the system to attach to network storage.
- ☑ **Performance Tools**
  Tools for diagnosing system and application-level performance problems.
- ☐ **PostgreSQL Database Server**
  The PostgreSQL SQL database server, and associated packages.
- ☑ **Print Server**
  Allows the system to act as a print server.
- ☑ **Remote Management for Linux**
  Remote management interface for CentOS Linux,

Activate Windows

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Software designed for supporting clustering and grid

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...

Alt.

ENG   12:37   22-04-2024

INSTALLATION SUMMARY

CENTOS 7 INSTALLATION

in (eng)

Help!

DATE & TIME
Asia/Kolkata timezone

KEYBOARD
English (India, with rupee)

LANGUAGE SUPPORT
English (India)

SOFTWARE

INSTALLATION SOURCE
Local media

SOFTWARE SELECTION
Server with GUI

SYSTEM

INSTALLATION DESTINATION
Automatic partitioning selected

KDUMP
Kdump is enabled

NETWORK & HOST NAME
Not connected

SECURITY POLICY
No content found

Quit

Begin Installation

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

or press Ctrl+G.

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:

●●●●●●●●●

Weak

Confirm:

●●●●●●●●●

⚠ The password you have provided is weak: The password fails the dictionary check - it is too simplistic/systematic. You will have to press Done twice to confirm it..

Activate Windows
Go to Settings to activate Windows.

+Alt.

USER SETTINGS

ROOT PASSWORD
Root password is set

USER CREATION
No user will be created

Installing linux-firmware (438/1730)

CentOS Virtualization SIG

...rtualization in CentOS, virtualization of CentOS.

...ki.centos.org/SpecialInterestGroup

us

Help!

LICENSING

LICENSE INFORMATION
License not accepted

SYSTEM

NETWORK & HOST NAME
Not connected

USER SETTINGS

USER CREATION
No user will be created

QUIT

FINISH CONFIGURATION

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

Done

⌨ us

Help!

License Agreement:

CentOS 7 Linux EULA

CentOS 7 Linux comes with no guarantees or warranties of any sorts, either written or implied.

The Distribution is released as GPLv2. Individual packages in the distribution come with their own licences. A copy of the GPLv2 license is included with the distribution media.

☑ I accept the license agreement.

Willkommen!

Deutsch	Deutschland
English ✔	United States
Español	España
Français	France
Русский	Российская Федерация
العربية	مصر
日本語	日本
汉语	中国

Typing

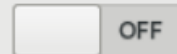Select your keyboard layout or an input method.

Cameroon Multilingual (Dvorak)	Preview
Cameroon Multilingual (QWERTY)	Preview
English (Australian)	Preview
English (Cameroon)	Preview
English (Canada)	Preview
English (US) ✔	Preview
⋮	

Privacy

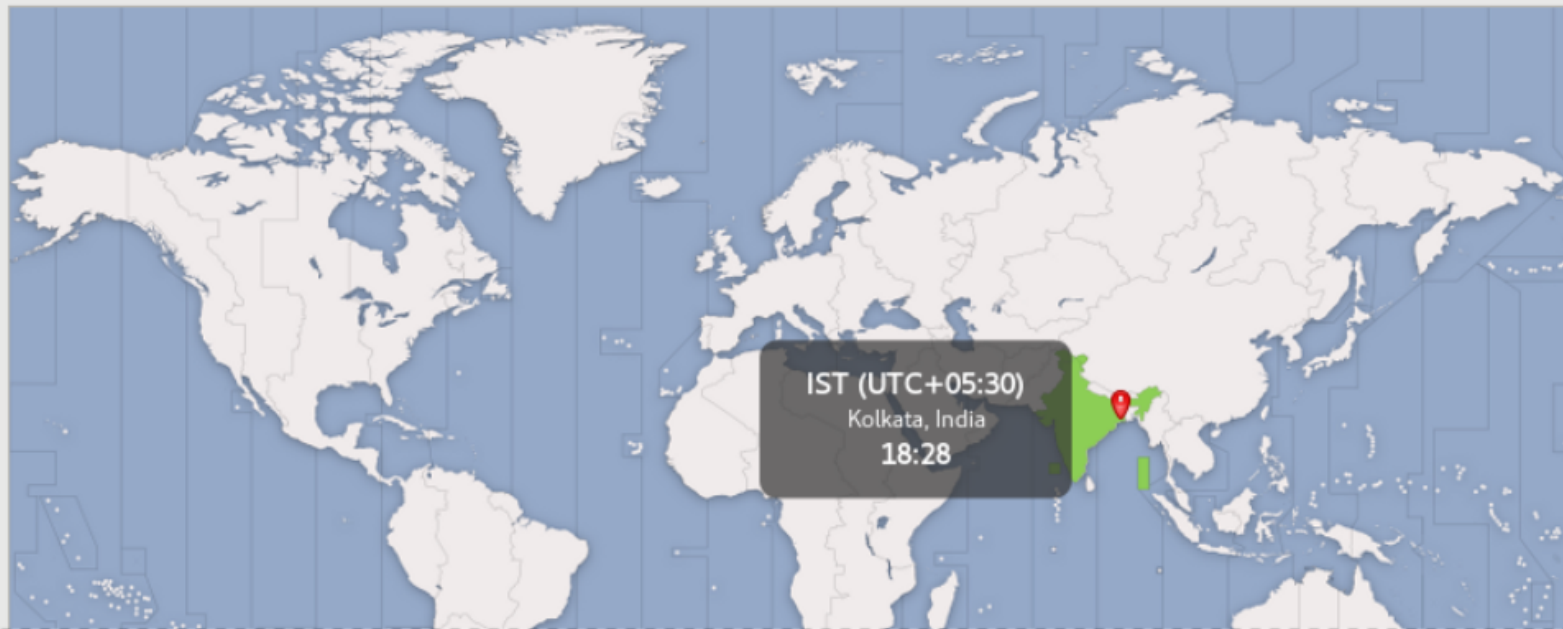**Location Services**   OFF

Allows applications to determine your geographical location. An
indication is shown when location services are in use.

Uses Mozilla Location Service: Privacy Policy

Privacy controls can be changed at any time from the Settings application.

Time Zone

The time zone will be set automatically if your location can be found. You can also search for a city to set it yourself.

🔍 Bhubaneshwar, India ⌫

IST (UTC+05:30)
Kolkata, India
18:28

Press Ctrl+Alt to release the mouse cursor | VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools". | Install Tools | Remind Me Later | Never Remind Me

About You

We need a few details to complete setup.

Full Name   kishor sahoo ✔

Username   kishor ✔ ▼

This will be used to name your home folder and can't
be changed.

Ready to Go

You're ready to go!

Start Using CentOS Linux
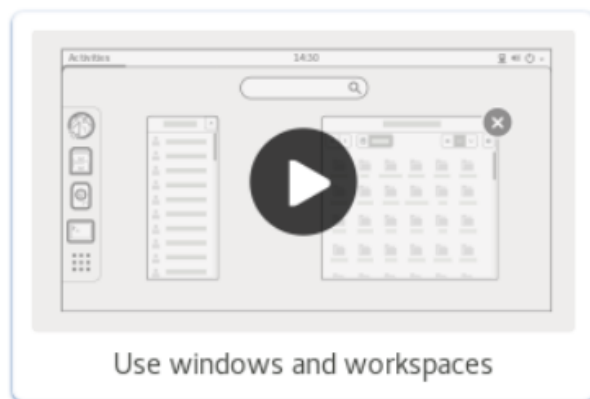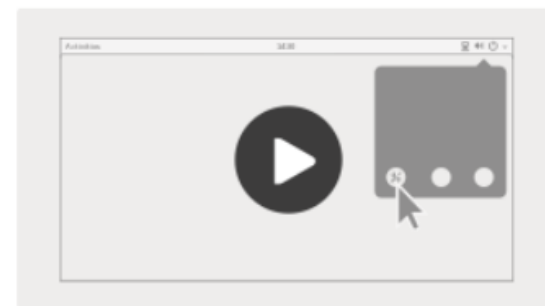
Getting Started

Use windows and workspaces

Switch tasks

Change wallpaper

Common Tasks

Browse the web
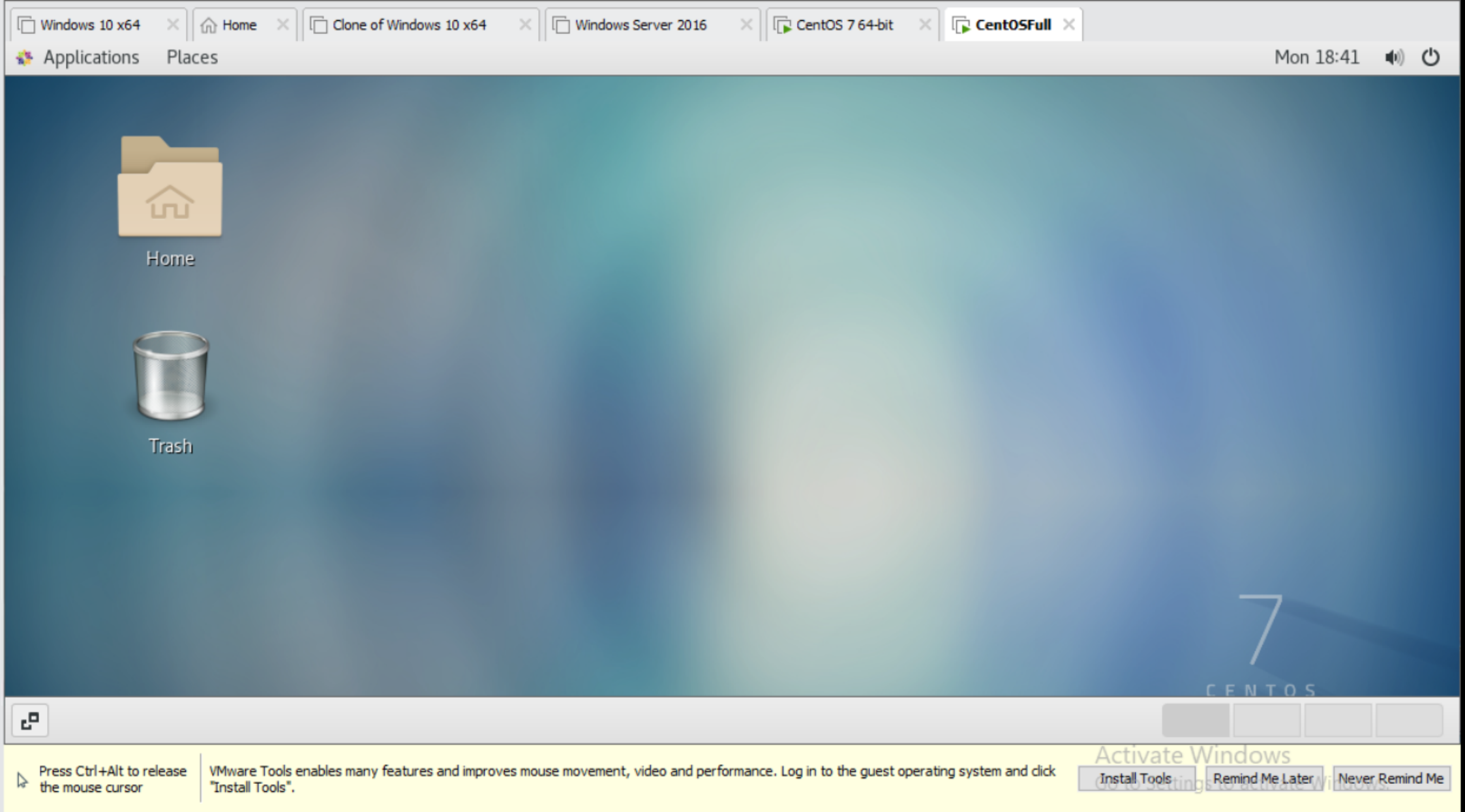
Change the date, time and timezone

Change the wallpaper

Connect to online accounts

Use the system search

Use windows and workspaces
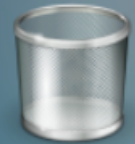
Getting Started

VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools".

Install Tools   Remind Me Later   Never Remind Me

Applications   Places   Terminal   Mon 20:15

kishor@localhost:~

File   Edit   View   Search   Terminal   Help

```
[kishor@localhost ~]$ su kishor
Password:
su: Authentication failure
[kishor@localhost ~]$ su kishor
Password:
[kishor@localhost ~]$ who
kishor    :0            2024-04-22 18:30 (:0)
kishor    pts/0         2024-04-22 20:13 (:0)
[kishor@localhost ~]$ ptw
bash: ptw: command not found...
[kishor@localhost ~]$ pwd
/home/kishor
[kishor@localhost ~]$ cd /
[kishor@localhost /]$ pwd
/
[kishor@localhost /]$ cd /home
[kishor@localhost home]$ pwd
/home
[kishor@localhost home]$ cd /home/kishor
[kishor@localhost ~]$ pwd
/home/kishor
[kishor@localhost ~]$
```

kishor@localhost:~