

# Installing CentOS 7

---



**Andrew Mallett**

LINUX AUTHOR AND TRAINER

@theurbanpenguin web.theurbanpenguin.com



# Overview



Downloading CentOS

Media Types

VirtualBox Network

Installing from DVD

Installing from the Network

Adding the GUI



# Exam Objectives

Install Linux from  
Physical Media

Install Linux from the  
Network

Install Linux into a  
Virtual Disk



Answer files, kickstart and PXE  
installations are covered in  
**LFCS: Red Hat 7 Service  
Management**



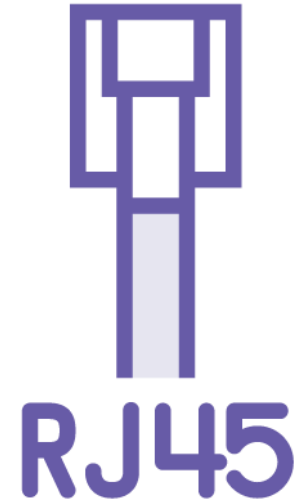
# CentOS.org Downloads



**Everything DVD**  
All that CentOS can  
provide + 7GB



**DVD**  
4 GB Full Installation  
DVD



**Minimal**  
CD size at 600MB,  
enough for a minimal  
install



# Demo



Downloading ISO files

VirtualBox networking

Installing CentOS 7 from local media

Installing CentOS 7 from the network

- Local Web Server
- <http://mirrors.sonic.net/centos/7.2.1511>

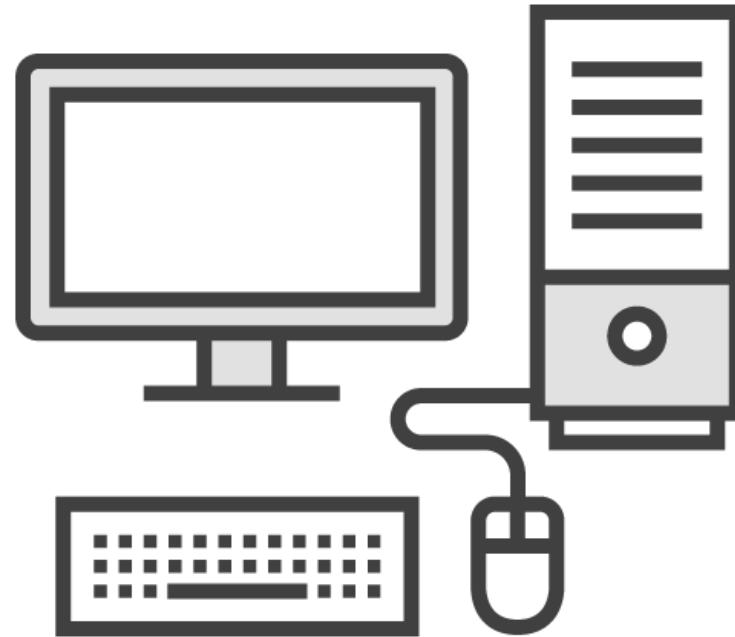
Both minimal installs

Add X Server GUI to Server 1

Install VirtualBox Guest Additions



Centos.org  
Everything  
DVD  
Minimal  
Physical Media  
Network



File Preferences

Networking

NAT

Add

NatNetwork

NatNetwork and  
HostOnly





```
# yum install redhat-lsb-core net-tools epel-release kernel-headers kernel-devel
```

```
# yum groupinstall "Development Tools"
```

```
# yum update
```

```
# reboot
```

## Installing Extra Software for VBoxAdditions



```
# yum groupinstall "X Window System" "MATE Desktop"
```

```
# systemctl set-default graphical.target
```

```
# systemctl isolate graphical.target
```

## Install GUI



Next Up: Working at the  
Command Line.

