

- Bismillahi-r-Rahmani-r-Rahim (In the name of Allah, the most Compassionate, the most Merciful),
- Assalamu alaikum wa rahmatullahi wa barakatuh (May the peace, mercy, and blessings of Allah be with you).

This is the ad hoc tutorial on how to setup CentOS 7 virtual machine on VMware Player.

- <https://adhoctuts.com/setup-centos-7-vm-on-vmware-workstation-player/>
- <https://youtu.be/INpToluFd5c>

Below content is complementary to the video tutorial above:

1. Download and install the latest **VMware Workstation Player** release from the official website. At the moment of recording: <https://www.vmware.com/> -> Downloads -> Free Product Downloads -> Workstation Player.
2. Download and save the ISO image of the latest **CentOS** release from the official website. At the moment of recording: <https://www.centos.org/download/> -> **Minimal ISO**.
3. Open the installed VMWare Player and choose "**Create a New Virtual Machine**":
 - a. Choose "I will install the operating system later"
 - b. Choose "**Linux**" -> "**CentOS 7 64-bit**"
 - c. Choose the name and location for your Virtual Machine (VM)
 - d. Define the size and storage option ("Split" method is recommended)
 - e. Choose "Customize Hardware"
 - i. Adjust memory and processors based on your needs. You can change these settings later.
 - ii. Add 2 network adapters: "Bridged" (for the global internet access) and "Host Only" (shared network with host only)
 - f. In "CD/DVD" Section, in Connection Panel choose "Use ISO image file" and select the downloaded ISO from the Step 2
 - g. Finally, Start the newly created VM and go through installation process
4. Download [mRemoteNG](#) remote connection manager:
 - a. execute step 5.a.
 - b. Create a new connection.
 - c. Specify the IP address, username and password.
 - d. Choose protocol SSH 2.
5. After the setup finished we reboot the VM.
 - a. First, activate the 2nd interface and make it to automatically connect using nmtui:

```
nmtui
```

- b. Next, run the following basic commands:

```
yum update -y && yum upgrade -y
yum -y install net-tools.x86_64
mv /etc/localtime /etc/localtime.bak && ln -s
/usr/share/zoneinfo/Asia/Baku /etc/localtime
yum install -y ntp
systemctl start ntpd && systemctl enable ntpd && /usr/sbin/ntpdate
pool.ntp.org
```
