BUILD A BASIC DEVELOPMENT ENVIRONMENT

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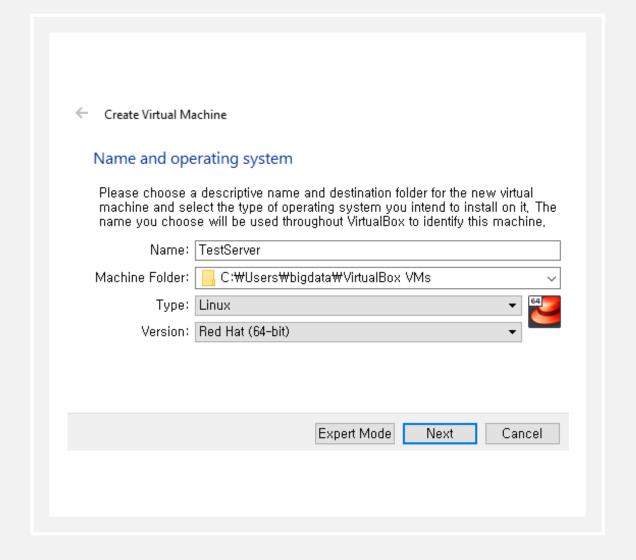
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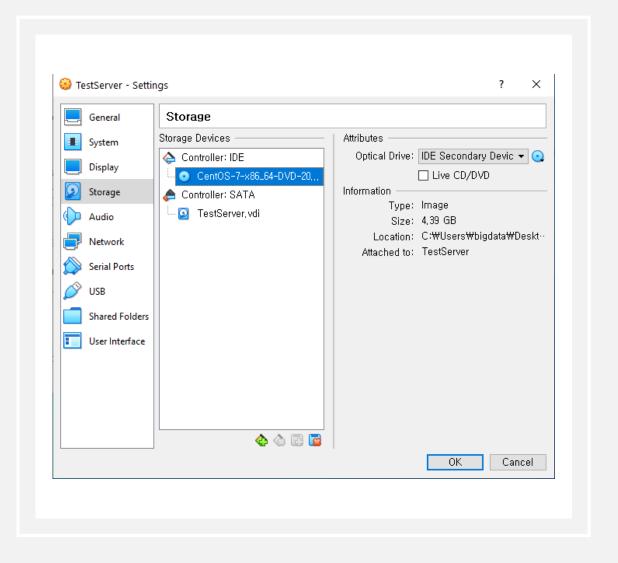
CREATE A NEW VIRTUAL MACHINE

- Create a new virtual machine on Oracle VM VirtualBox Manager.
- Set the operation system name as TestServer, type as Linux, and version as Red Hat (64-bit).
- Keep all the other default setup settings.



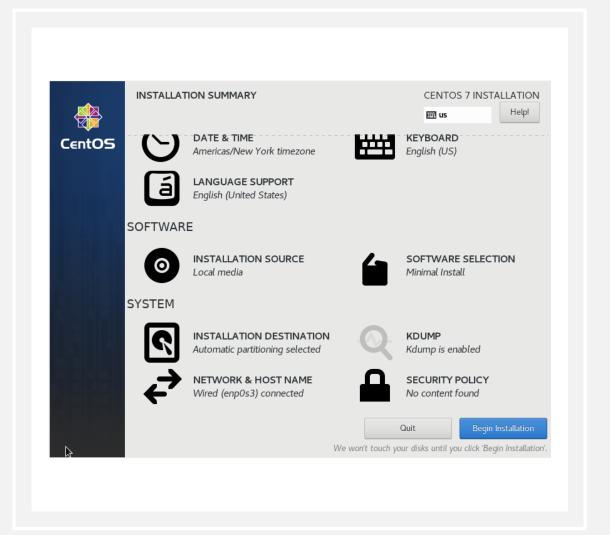
INSTALL LINUX ON THE VIRTUAL MACHINE

- Go to storage of settings of the server you just created.
- Insert a disk file "CentOS-7-x86_64-DVD-2009.iso" into Optical Drive.
- Start the server and install CentOS 7.



INSTALL LINUX ON THE VIRTUAL MACHINE

- Leave Software Selection as Minimal Install.
- Turn on the Ethernet connection under Network & Host Name.
- Keep all the other settings as default.
- Begin Installation.
- Set up root password as preferred.
- Create a user as preferred.



INSTALL JAVA(OPENJDK)

- Reboot the server and login as root.
- Install Java "yum install java I.8.*".
- Once installation is completed, confirm the version "java –version".

```
CentOS Linux 7 (Core)
Kernel 3.10.0-1160.el7.x86_64 on an x86_64
localhost login: root
Password:
[root@localhost ~]# yum install java -1.8.*
```

```
Complete!
[root@localhost ~]# java -version
openjdk version "1.8.0_282"
OpenJDK Runtime Environment (build 1.8.0_282-b08)
OpenJDK 64-Bit Server VM (build 25.282-b08, mixed mode)
```

PRINT A JAVA EXAMPLE ON SHELL ENVIRONMENT

- Open a new java file "vi Test.java"
- Insert an example as shown and save.
- Compile test "java Test".

[root@localhost ~]# java Test HelloWorld