



Apasoft Training

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# Openshift from scratch

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OPTIONS TO DO THE COURSE PRACTICES



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## ☐ Options to do the course practices

- ☐ CodeReady Containers” (CRC) / RedHat Openshift local.
- ☐ Developer Sandbox.
- ☐ RedHat Openshift Container Platform trial.
- ☐ RedHat Openshift Dedicated trial.



# Openshift from scratch

## ❑ **CodeReady Containers” (CRC) / RedHat Openshift local**

- ❑ Allows you to create a single-node cluster locally, ideal for training, learning, or development.
- ❑ In the past, we had versions from Red Hat and OKD, whose main difference was that with the RedHat CRC we had to subscribe and put a key at the time of installation. Now it's the same software but without a trial period.
- ❑ It runs inside a virtual machine, which mostly affects the Networking part.
- ❑ Use a custom domain “\*.crc.testing”
- ❑ It uses a network address in the range of 172....



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## ❑ CodeReady containers. OPENSIFT 4

### ❑ Requirements.

Operating system	Options
Windows	Windows 10 Fall Creators Update (version 1709), minimum We need Hyper-V
Linux	RedHat/Centos/RockyLinux 8 o 9 In Ubuntu or Debian you have to set up options manually It is necessary to have: <ul style="list-style-type: none"><li>• Libvirt</li><li>• networkManager</li></ul>
Mac	MacOS 11 Big Sur or newer. We need Xhiv as a virtualizer



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## ☐ **CodeReady containers. OPENSIFT 4**

### ☐ Requirements. Hardware.

- ☐ 9 Gigabytes of RAM.

- ☐ 4 CPU.

- ☐ 35 Gigs on disk.