

k3s Basics

Lab Setup

Agenda

1. What is Needed for this Course
2. System Requirements

What is Needed for this Course

- Two lab Machines each with
 - Linux OS
 - minimum specs:
 - 1 GB of Memory
 - 2 CPU
- Desktop Machine
 - Minimum specs:
 - 8 GB of Memory
 - 4 CPU
 - The following installed:
 - Helm (v3.x)
 - kubectl (latest version)
 - Nerdctl or Docker



System Requirements for k3s

Architecture	Operating Systems	Hardware	Networking
<ul style="list-style-type: none">• x86_64• armhf• arm64/aarch64• s390x	<ul style="list-style-type: none">• SLES• openSUSE Leap• MicroOS• CentOS• Oracle Linux• RHEL• Rocky Linux• Ubuntu• Etc.	<ul style="list-style-type: none">• Minimum<ul style="list-style-type: none">• CPU<ul style="list-style-type: none">• 1 core• RAM<ul style="list-style-type: none">• 512 MB• Recommended<ul style="list-style-type: none">• CPU<ul style="list-style-type: none">• 2 cores• RAM<ul style="list-style-type: none">• 1 GB	<ul style="list-style-type: none">• Ports<ul style="list-style-type: none">• 6443• 2379-2380

<https://docs.k3s.io/installation/requirements>



Thank you

© SUSE LLC. All Rights Reserved. SUSE and the SUSE logo are registered trademarks of SUSE LLC in the United States and other countries. All third-party trademarks are the property of their respective owners.

For more information, contact SUSE at:

+1 800 796 3700 (U.S./Canada)

Frankenstrasse 146

90461 Nürnberg

www.suse.com



Copyright © SUSE