



STL Digital

Specialized Training Document

Version 1.0





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Sterlite Technologies Ltd.
Block 6, Magnet Corporate Park,
Nr. Sola Flyover, Thaltej
Ahmedabad-380059
India

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Instructions:

- **Training and Technology related Queries :** learning.campushires2022@stl.tech
- **HR related Queries:** campushires2022@stl.tech
- Create Free Trial Account in O'Reilly with Personal Gmail ID. The validity of O'Reilly Free Trial Account is 7 Days only, hence associates have to create new personal Gmail ID each time for Training once earlier ID expired.
- Associates should maintain the Training Progress in their Assets along with Screenshot of completion.
- Below are the Softwares which must be installed on your Asset for hands on learning. Install the latest versions.

Sl No	Softwares	Link for Installation
1	VS Code	https://code.visualstudio.com/
2	Git	https://git-scm.com/download/win
3	Dbeaver	https://dbeaver.io/download/
4	Kubectl 1.21+	https://kubernetes.io/docs/tasks/tools/install-kubectl-windows/
5	Helm cli	https://helm.sh/docs/intro/install/
6	Python 3.10.7	https://www.python.org/downloads/
7	Node js	https://nodejs.org/en/download/
8	Terraform	https://www.terraform.io/downloads
9	Mysql Database	https://dev.mysql.com/downloads/installer/
10	Postman	https://www.postman.com/downloads/
11	Jenkins	https://www.jenkins.io/doc/book/installing/windows/

Below is the Specialized Training Details:

Module	Course Name	Course link	Course Duration	Week Plan
Cloud Introduction	Introduction to Cloud Computing	https://learning.oreilly.com/videos/introduction-to-cloud/9781803232447/	1h 49m	Week6
Linux Fundamentals	Linux Essentials for Windows Users	https://learning.oreilly.com/videos/linux-essentials-for/9780137935611/	30m	Week6
	Linux Command Line Tutorial For Beginners Bash Terminal Linux Terminal (refer all tutorials)	https://www.youtube.com/playlist?list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As	5 hours	Week6
	Linux Command Line Tutorial For Beginners 1 - Introduction	https://www.youtube.com/watch?v=YHFzr-akOas&list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As		Week6
	Linux Command Line Tutorial For Beginners 2 - Introduction	https://www.youtube.com/watch?v=dQ8JgDUS8DA&list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As&index=2		Week6
	Linux Command Line Tutorial For Beginners 3 - Introduction	https://www.youtube.com/watch?v=FTTr2bjl2UM&list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As&index=3		Week6
DevOps	DevOps Theory to Practice	https://learning.oreilly.com/videos/devops-theory-to/98102022VIDEOPAIML/	2h 29m	Week6
Jenkins	Introduction to Jenkins for DevOps	https://learning.oreilly.com/videos/introduction-to-jenkins/9780136584148/	4h 1m	Week6
Docker	Docker - A Beginner's Hands-On Guide	https://learning.oreilly.com/videos/docker-a/9781801813853/	2h 54m	Week6
	Docker Fundamentals for Beginners	https://learning.oreilly.com/videos/docker-fundamentals-for/9781803237428/	5h 31m	Week6
	Docker Sandbox	https://learning.oreilly.com/scenarios/docker-sandbox/9781492086161/		Week6
	Building Container Images Lab	https://learning.oreilly.com/scenarios/build-container-images/9781492061700/		Week6
Kubernetes	Kubernetes for Beginners	https://learning.oreilly.com/videos/kubernetes-for-beginners/9781804616475/	3h 2m	Week6
	Kubernetes Sandbox	https://learning.oreilly.com/scenarios/kubernetes-sandbox/9781492062820/		Week6
	Kubernetes Lab	https://learning.oreilly.com/scenarios/kubernetes-fundamentals-pods/9781098135850/		Week6

Module	Course Name	Course link	Course Duration	Week Plan
	Kubernetes Lab	https://learning.oreilly.com/scenarios/kubernetes-fundamentals-replicasets/9781098135874/		Week6
	Kubernetes Lab	https://learning.oreilly.com/scenarios/kubernetes-fundamentals-deployments/9781098135867/		Week6
	Kubernetes Lab	https://learning.oreilly.com/scenarios/kubernetes-fundamentals-daemonsets/9781098135881/		Week6
	Kubernetes Lab	https://learning.oreilly.com/scenarios/kubernetes-networking-service/9781098109783/		Week6
	Kubernetes Lab	https://learning.oreilly.com/scenarios/troubleshooting-a-service/9781492099208/		Week6