**ONAP University**

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# Description:

Provide overview of the ONAP University training courses for users, developers and any other interested parties of member and non-member companies.

This is to help SPs, vendors and suppliers to build up their team’s ONAP expertise to increase the success of adopting ONAP.

**A variety of delivery options:**

* Video Training
* Online Training
* Classroom training
* Hands-on training
* ONAP Certification
* Online tutorials and guides
* ONAP Blog
* Webinars
* Online nanodegrees

Training can be customized based on end user’s needs

# Training options:

## Video Training

**“Short Videos that provides ONAP capabilities overview, updates and next step”**

* ONAP Platform overview
* ONAP Mission/goals
* ONAP ecosystem
* ONAP Architecture
* ONAP Apps and use cases
* ONAP Business value for end user
* ONAP Business value for carriers
* ONAP Business value for vendors
* ONAP Business value for opensource eco system
* Why ONAP? (ONAP Major benefits)
* Code overview
* ONAP projects overview
* Use case demos (vFW, vDNS, VOLTE and vCPE)
* ONAP news and events
* ONAP success stories
* ONAP TSC
* 2017 year in review
* Navigating ONAP projects
* What carriers think about ONAP: multiple videos for different operators e.g orange, bell Canada, CMCC input
* Getting started with ONAP
* Introduction to release 1 of ONAP
* Next step for ONAP
* ONAP Summit update
* ONAP Developer conference
* Release Model: information on latest stable release and release roadmap
* ONAP reliability
* ONAP security
* Joining ONAP
* Contributing code to ONAP
* ONAP Committers and maintainers

## Online training

**Online self-paced training “Learn At Your Own Pace”**

* Introduction to ONAP
* ONAP testing and Integration
* ONAP Apps
* ONAP Use cases
* Release and roadmap planning
* ONAP packages
* ONAP projects
* Active and Available Inventory
* Application Controller
* Data Collection, Analytics, and Events
* Design Studio
* Service Orchestrator
* Network Controller
* Policy Framework
* Portal
* Virtual Network Function SDK
* Virtual Function Controller
* Modeling
* Security
* Cloud infrastructure Technologies with ONAP
* Containers with ONAP
* ONAP for developers
* ONAP Developers tools
* Upstream projects
* ONAP testing and Integration
* Cloud infrastructure
* Control loop automation
* Change management
* Resource Optimization
* E2e optimization with ONAP
* ONAP framework installation
* ONAP developer tools overview
* Essential of administration
* ONAP Troubleshooting
* VNF Guidelines
* Running ONAP on third party cloud
* Microservices

## Classroom training and Hands-on Training

**“Preferred for multiple employees from the same company, interactive discussion and hands-on experience”**

* Advanced administration
* Advanced ONAP Platform capabilities
* ONAP Architecture
* ONAP Features and functionality
* ONAP source code
* ONAP release and roadmap planning
* ONAP packages
* ONAP Business model
* ONAP for developer
* Integration
* ONAP Apps
* ONAP Use cases
* ONAP projects
* Active and Available Inventory
* Application Controller
* Data Collection, Analytics, and Events
* Design Studio
* Service Orchestrator
* Network Controller
* Policy Framework
* Portal
* Virtual Network Function SDK
* Virtual Function Controller
* Modeling
* Security
* Cloud infrastructure Technologies with ONAP
* Containers with ONAP
* ONAP for developers
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## ONAP certification

**“Get ONAP Certified”**

Customized packages to provide certification for individuals in specific area of expertise.

* ONAP user certification
* ONAP developer certification
* ONAP deployment/integration certification
* ONAP architecture certification
* ONAP nanodegree

## Tutorials

### User Tutorials

* Quick start with ONAP
* Install and run ONAP
* ONAP test environment

### Developer Tutorials

* Basic ONAP tutorial
* Templates tutorial
* Modeling tutorial
* API and interfaces tutorial
* UI tutorial

### Use case Tutorial

* Showcase of the applications and use cases that are being developed with ONAP e.g VoLTE, vCPE, vFW and vDNS

### Community Tutorial

* ONAP overview Tutorial
* ONAP Update

## Guides

**“Online guides”**

* **Administrator Guide:** How to install, configure, and use ONAP and its current use cases
* **Developer Guide:** How to develop on and/or contribute to ONAP, and the tools and procedures involved
* **Architecture Guide:** The design and implementation of ONAP, its major subsystems, and use cases
* **ONAP API Guide:** The ONAP APIs of the latest stable release
* **ONAP Data sheet**
* **VNF Guide**
* **Microservices Guide**
* **FAQ**

## ONAP Blog

## Webinars