

# VMware Telco Cloud Service Assurance: Install, Configure, Manage V2.x



## VMware Telco Cloud Service Assurance: Install, Configure, Manage V2.x

This three-day, hands-on training course provides the knowledge, skills, and tools to achieve competency in installing, configuring, and managing the VMware Telco Cloud Service Assurance environment. In this course, you are introduced to the installation methods of VMware Telco Cloud Service Assurance™ across various supported platforms and troubleshooting tools that help you install, manage, and troubleshoot your VMware Telco Cloud Service Assurance environment. In addition, you are presented with various types of configuration options, which you will identify, analyze, and navigate through as you explore the UI and configurable options of the product.

### Kursinhalt

- Course Introduction
- Introduction to VMware Telco Cloud Service Assurance
- Deploying VMware Telco Cloud Service Assurance
- User Access Control
- Services and User Interface Configurations
- Day 1 and Day 2 Operations
- Logs and Troubleshooting

**E-Book** Sie erhalten englischsprachige Unterlagen von VMware als E-Book.

### Zielgruppe

- Experienced system administrators and network administrators
- Customers, cloud architects, systems engineers, data center administrators
- Network administrators with experience in managed services or managing a Telco Cloud environment

### Voraussetzungen

Before taking this course, you must complete the following course:

- VMware Telco Cloud Service Operations (TCOps) Fundamentals 2020
- VMware Telco Cloud Operations v1.1

You should also have understanding or knowledge of these technologies:

- Good understanding of TCP/IP services and protocols
- Substantial knowledge of TCP/IP networking
- Substantial knowledge of containers and VMware Tanzu Kubernetes Grid
- Experience with working at the Linux command line

### Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: [www.experteach.de/go/VTSA](http://www.experteach.de/go/VTSA)

### Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

### Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

### Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training	Preise zzgl. MwSt.	
Termine in Deutschland	3 Tage	€ 2.195,-
Online Training	3 Tage	€ 2.195,-
Termine auf Anfrage		

Stand 27.04.2024



# Inhaltsverzeichnis

## VMware Telco Cloud Service Assurance: Install, Configure, Manage V2.x

### 1 Course Introduction

- Introduction and course logistics
- Course objectives

### 2 Introduction to VMware Telco Cloud Service Assurance

- Describe the features of VMware Telco Cloud Service Assurance
- List the capabilities of VMware Telco Cloud Service Assurance
- Discuss the use cases of VMware Telco Cloud Service Assurance
- Describe the role played by VMware Telco Cloud Service Assurance components in delivering service assurance

### 3 Deploying VMware Telco Cloud Service Assurance

- Explain different deployment options of VMware Telco Cloud Service Assurance
- Identify different deployment methods of VMware Telco Cloud Service Assurance
- Discuss different phases in deploying VMware Telco Cloud Service Assurance
- Identify different footprints available for HA based and non-HA based installation of VMware Telco Cloud Service Assurance
- Describe the SMARTs components of VMware Telco Cloud Service Assurance
- Deploy VMware Telco Cloud Service Assurance

### 4 User Access Control

- Describe the features Role-based Access Control (RBAC)
- Outline the role of Keycloak in implementing RBAC in VMware Telco Cloud Service Assurance
- Configure user federation in Keycloak
- Use the VMware Telco Cloud Service Assurance UI to manage RBAC
- Create policies in VMware Telco Cloud Service Assurance that align with job roles

### 5 Services and User Interface Configurations

- Describe the architecture of logical switching
- Describe the core services on a TCSA cluster
- Discuss the Global Manager or Service Assurance Manager (SAM), IP Domain Manager, Server

### Manager (ESM)

- Discuss VMware Telco Cloud Service Assurance UI Overview

### Overview

- Explain Working with Notifications
- Elaborate Configuring Summary's
- Describe Accessing Notification Details
- Explain Viewing and configuring Topologies
- List Customizing Topologies
- Describe Topology Explorer
- Explain Collecting Troubleshooting Information
- Discuss Custom models
- Describe how compute resources are provided to VMware Telco Cloud Service Assurance
- Describe how storage is provided to VMware Telco Cloud Service Assurance
- Configure and manage VMware Telco Cloud Service Assurance
- Discuss configurable options for VMware Telco Cloud Service Assurance

### 6 Day 1 and Day 2 Operations

- Review the architecture of logical routing and NSX Edge nodes
- Identify different data sources to be used with VMware Telco Cloud Service Assurance
- Configure different collectors with VMware Telco Cloud Service Assurance
- Describe Alarms and Thresholds
- Demonstrate how to configure alarms with VMware Telco Cloud Service Assurance
- Explain how to setup thresholds and timelines in VMware Telco Cloud Service Assurance
- Define Catalog management and sharing catalogs inside and between organizations.
- Identify the steps to import or upload data into catalogs.
- Explain the purpose of catalogs and How to Create a catalog organization.
- Describe the Purpose and Usage of Open Virtualization Format (OVA) and Custom vApp or VM Properties.
- Discuss vApp Templates

### 7 Logs and Troubleshooting

- Review the architecture of the Distributed Firewall
- Discuss VMware Telco Cloud Service Assurance

### installations logs

- List Smarts installation logs
- Explain backup and restore options of VMware Telco Cloud Service Assurance
- Identify the approach for troubleshooting containerized services
- Discuss monitoring services

