TRAINING OFFERING

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VMware Tanzu Kubernetes Grid: Install, Configure, Manage [V1.3]

CODE:	LENGTH:	PRICE:
VMW_TKGICM13	24 Hours (3 days)	€2,350.00

Description

During this three-day course, you focus on installing VMware TanzuTM Kubernetes GridTM on a VMware vSphere® environment and then provisioning and managing Tanzu Kubernetes clusters. The concepts learned in this course should be transferable for users who need to install Tanzu Kubernetes Grid on other supported clouds.

Objectives

By the end of the course, you should be able to meet the following objectives:
• Describe how Tanzu Kubernetes Grid fits in the VMware TanzuTM portfolio
• Describe the Tanzu Kubernetes Grid architecture
• Deploy management clusters
• Deploy Tanzu Kubernetes clusters
• Configure your Tanzu Kubernetes Grid instance for authentication, logging, ingress, and monitoring
• Perform basic troubleshooting

Audience

Platform operators who are responsible for deploying and managing Tanzu Kubernetes clusters.

Prerequisites

• Understanding of Kubernetes and the Kubernetes cluster architecture
• Experience working with the Kubernetes API

Programme

1 Course Introduction
• Introductions and course logistics
• Course objectives
2 What Is VMware Tanzu Kubernetes Grid?
• Tanzu Kubernetes Grid in the VMware Tanzu portfolio
• Tanzu Kubernetes Grid concepts
• Tanzu CLI
• Carvel tools
3 Management Cluster
• Preparing the vSphere environment
• Installing in an Internet restricted environment
• Integrate with NSX Advanced Load Balancer
• Configuring identity management
• Creating management clusters
• Managing management clusters
4 Tanzu Kubernetes Clusters
• Deploying Tanzu Kubernetes clusters
• Tanzu Kubernetes cluster architecture
5 Configuring and Managing Tanzu Kubernetes Grid Instances
• Tanzu Kubernetes Grid extensions
• Logging with Fluent Bit

• Ingress with Contour
• Service Discovery with External DNS
• Monitoring with Prometheus and Grafana
6 Troubleshooting
• Crash recovery and diagnostics for Kubernetes
• Troubleshooting

Session Dates

Aikataulutamme kiinnostuksen mukaan. Ota yhteyttä

Additional Information

This training is also available as onsite training. Please contact us to find out more.