VMware Tanzu Kubernetes Grid: Install, Configure, Manage

Varighed: 3 Days   Kursus Kode: VMTKGICM   Version: 2.0   Leveringsmetode: Virtuel deltagelse

Beskrivelse:

During this four-day course, you learn about installing VMware Tanzu® Kubernetes GridTM in a VMware vSphere® environment and provisioning and managing Tanzu Kubernetes Grid clusters. The course covers how to install Tanzu Kubernetes Grid packages to provide services such as image registry, authentication, logging, ingress, multipod network interfaces, service discovery, image registry, and monitoring, in addition to day 2 operations such as backup, life cycle management, and application-specific tools. The concepts learned in this course are applicable for users who must install Tanzu Kubernetes Grid on supported clouds.By the end of the course, you should be able to meet the following objectives: • Describe how Tanzu Kubernetes Grid fits in the VMware Tanzu® portfolio • Describe the Tanzu Kubernetes Grid architecture • Deploy and manage Tanzu Kubernetes Grid management and supervisor clusters • Deploy and manage Tanzu Kubernetes Grid workload clusters • Deploy, configure, and manage Tanzu Kubernetes Grid packages • Perform day 2 operations • Perform basic troubleshooting

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

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

Agenda:

- By the end of the course, you should be able to meet the following objectives:

- Describe how Tanzu Kubernetes Grid fits in the VMware Tanzu® portfolio

- Describe the Tanzu Kubernetes Grid architecture

- Deploy and manage Tanzu Kubernetes Grid management and supervisor clusters

- Deploy and manage Tanzu Kubernetes Grid workload clusters

- Deploy, configure, and manage Tanzu Kubernetes Grid packages

- Perform day 2 operations

- Perform basic troubleshooting

Forudsætninger:

- Understanding of Kubernetes and the Kubernetes cluster architecture
- Experience deploying and managing multiple Kubernetes clusters

Indhold:

- Explain how Tanzu Kubernetes Grid integrates with NSX Advanced Load Balancer

working with workload clusters
- Explain how to scale workload clusters
- Describe machine health checks

9 Tanzu Kubernetes Grid Packages

- Explain how Tanzu Kubernetes Grid uses packages
- Identify the different package repositories
- Describe the different types of packages and their dependencies
- Define auto-managed packages
- Identify the auto-managed packages that are installed to every cluster and those that are installed based on configuration
- Explain how auto-managed packages are installed and configured
- Define CLI-managed packages
- Explain how CLI-managed packages are installed and configured
- Use the Tanzu CLI to configure and install optional packages and repositories

10 Configuring and Managing Tanzu Kubernetes Grid Networking Packages

- Describe cert-manager
- Explain how to install cert-manager
- Describe the Contour ingress controller
- Explain how to install Contour
- Describe service discovery
- Describe ExternalDNS
- Detail the configuration options for BIND servers
- Explain how to install ExternalDNS
- Describe Multus
- Describe Multus pod configuration
- Describe Whereabouts
- Explain how to install Multus and Whereabouts

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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