Lumen® Edge Private Cloud with VMware Tanzu™

Modernize app development. Accelerate DevOps.

Lumen® Edge Private Cloud with VMware Tanzu™ provides managed Infrastructure as a Service on pre-built hardware with full-stack modernization at the edge, enabling easy building, running and expanding of Kubernetes container-based applications close to digital interactions. Activate containers within days and scale your workloads with advanced networking, a private container registry and simple lifecycle management—and help empower your teams to save time and go to market faster.

Use cases

Modernizing apps and optimizing cloud and cluster operations with a secure, scalable design

Expediting Kubernetes adoption with an easy-to-upgrade runtime and pre-integrated components

Simplifying administration and mitigating sprawl by centralizing lifecycle and policy management

Benefits

Boost efficiency
- Deploy software and workloads fast with a modern supply chain from development to operations.

Streamline operations
- Simplify lifecycles with self-service and automation tools to run modern apps and centrally manage machines and clusters.

Maximize security
- Protect your infrastructure and securely deliver code to production at scale.

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Features

Private cloud-ready runtime

- Enterprise-ready Kubernetes runtime to power modern apps at the edge in a private cloud
- Logging, registry, networking, storage, OS and Cluster API-driven lifecycle management

Container networking services

- Pod-level networking, ingress and load balancing services for your container networking and security needs

Container registry

- Enterprise-grade container registry, Harbor, to manage artifacts consistently and securely on Kubernetes

Centralized management

- Global SaaS control plane for consistent policy and lifecycle management across multiple clusters and clouds

Data protection

- Cluster and namespace backup and restoration leveraging open-source Velero

vmware®
PARTNER
PREMIER
SOLUTION PROVIDER

vmware®
CLOUD
VERIFIED

Why Lumen?

With 60+ planned pre-built edge locations, the ability to deploy in 2200+ data centers and ~450,000 route fiber miles globally, Lumen delivers the fastest, most secure platform for applications and data to help you create amazing experiences. Edge Private Cloud offers a complete IT solution that includes compute, storage, network and security, enabling you to run apps fast with managed IaaS for easy administration of Kubernetes with full-stack modernization. Available on pre-built dedicated servers, provisioning time can be reduced to days, not weeks or months.

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