

VMware Edge Cloud Orchestrator – Edge Compute

Overview

VMware Edge Cloud Orchestrator – Edge Compute (VECO-EC) is an edge platform that brings the benefits of desired state configuration and GitOps to the far reaches of your edge devices and workloads. VECO-EC combines VMware's industry leading virtualization technology with the efficiency of GitOps to power your edge workloads at scale. VECO-EC provides a secure, performant, deterministic way to enable thousands of edge deployments with simplicity.

Who should use VMware Edge Cloud Orchestrator – Edge Compute?

Edge Infrastructure Admin

The edge infrastructure administrator or central IT team are going to get the most value out of using VECO-EC to manage their edge fleet and provide the operating environment to help edge application developers succeed.

Edge Site Worker

With VECO-EC, on-site employees and contractors do not need to have technical skills to make their IT systems effective. Plug and play power and networking brings up the device ready for centrally managed configuration. With VECO-EC, on-site staff can spend less time worrying about IT and more time solving customer or business problems.

Application Owners / DevOps

Develop, install, and support the apps which are used to run the connected devices or provide business value. VECO-EC reduces the time to deploy, patch and upgrade apps on edge devices. Support for both containerized and VM based workloads. Spend less time worrying about the complexities of hardware and more time operating and developing applications.



Easy

- Zero touch deployment
- Automate all operations
- Central Management and visualization



Secure

- Inherited security and audibility of ESXi
- Control plane Isolation from workers
- Secure compute and workloads from cloud to datacenter to edge



Scale

- Define every aspect of your edge in code
- Automated GitOps practices
- Consistent deployments



Choice

- Your choice of Hardware platform
- Resource management for VMs & Containers

VECO-EC is designed for edge devices enhanced with GitOps workflows for deterministic and declarative management through a cloud control plane. With VECO-EC you can now update your entire edge site automatically, including infrastructure and applications by updating manifest files in a git repository with the desired state for their fleet of devices connected to it. When connected to the network, VECO-EC Hosts will connect to the repository and enact the desired state, enabling these hosts to ensure the edge site remains as desired until a new version of the manifests are made available to them.

Available now as a technical preview for you to try!

Interested users can sign up to try our solution and provide feedback for free today at <https://www.vmware.com/showcase>. Our goal is to build this platform alongside customers and partners. Bringing you in early for feedback on what we are creating in the early phases of development lifecycle means you can have access to cutting edge technology intentionally developed to help achieve outcomes at the edge and influence the direction of the product at an early stage.