



VMware Edge Compute Stack

Removing edge complexity so you can focus on your business goals

Edge-optimized to run operational workloads, including real-time applications

- Run real-time and standard runtime apps on the same platform
- Edge-specific services and support offerings to fit edge challenges

Simplified operations reduce management complexity and costs

- Pull-based architecture with zero-touch provisioning and lifecycle management
- Manages apps and infrastructure across thousands of sites with limited IT
- Integrated telemetry provides visibility into applications and traffic at the edge

Flexible platform supports ever-changing compute and application needs

- Modernize apps at your own pace with VM and containers on the same platform
- Open, expandable, and changeable to fit apps of the future
- Expanded HCL to cover additional edge hardware

Across all industries, organizations are increasing operational efficiency and offering new customer experiences with new applications at the edge. With compute close to where the data is produced, customers are using AI and computer vision to make faster, smarter decisions to improve their business. Traditional operational workloads, such as automation and process controls, are now being digitized to lower support costs, increase agility, and improve sustainability.

But the edge has unique challenges with managing applications across many sites, with varying network connectivity and limited or no local IT support. Hardware requirements are smaller and operational workloads have stringent internal networking and uptime requirements. Customers need a software-defined edge, which is the distributed digital infrastructure for running workloads across dispersed locations, placed close to endpoints producing or consuming data.

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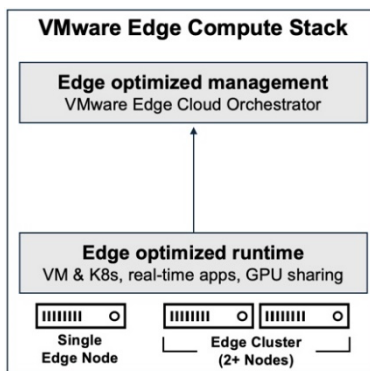
For organizations that want to build, run, manage, connect, and protect applications across many edge sites with limited compute, network, and IT resources, VMware Edge Compute Stack is an edge-optimized runtime and orchestration platform for frictionless management of edge apps and infrastructure across many sites with limited resources. It expertly runs operational workloads, including real-time applications, and its simplified operations reduce complexity and cost. The flexible platform supports ever-changing compute and application needs. An estimated 7 million edge workloads are trusted to run on VMware.

Learn more

- VMware Edge Compute Stack, www.vmware.com/products/edge-compute-stack.html

Solution components

VMware Edge Compute Stack consists of an edge-optimized runtime and management. Both are tailored to the challenges faced in running and managing workloads at edge sites.



Edge optimized management is provided by VMware Edge Cloud Orchestrator (VECO). It features a pull-based architecture which works best with many edge sites with varying levels of connectivity (similar to how a smartphone updates itself). Integrated telemetry in VECO provides visibility into applications and traffic at the edge. VECO telemetry is available now. The orchestration capabilities are in technical preview at <https://veco.showcase.vmware.com/>.

Edge optimized runtime uses proven VMware technology to run both virtualized and container applications. It is optimized to fit Operations Technology (OT) workloads on smaller and diverse hardware common at edge sites. It operates at low latency to run demanding real-time workloads like robotics and computer vision, repeatedly and safely.

VMware Edge Compute Stack editions

VMware Edge Compute stack is sold as a subscription and license per core. It is available in two editions.

- ADVANCED edition includes edge computing runtime and orchestration.
- ENTERPRISE edition adds shared storage integrated with edge computing.

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