



Cloud 66 Enterprise

About Cloud 66

Founded in 2012, Cloud 66 is a leading provider of Container Management as a Service. With a global customer footprint in 158 countries, Cloud 66 is used by over 9,000 developers, in 1,000 companies every day.

Customers use the Cloud 66 service to manage thousands of servers and hundreds of thousands of containers in 79 data centers globally, powering mission-critical workloads on public, private and hybrid cloud infrastructure.

To learn more, please visit our website at www.cloud66.com or get in touch directly:

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From A to Z, everything you need to run containers in production at scale.

Cloud 66 Enterprise is a complete solution to build, run, manage and maintain containers in any data center. Compatible with private, public and hybrid cloud infrastructure setups, we provide an enterprise-grade solution for deploying containers in production at scale.

Cloud 66 Enterprise has two service options:

Managed Edition

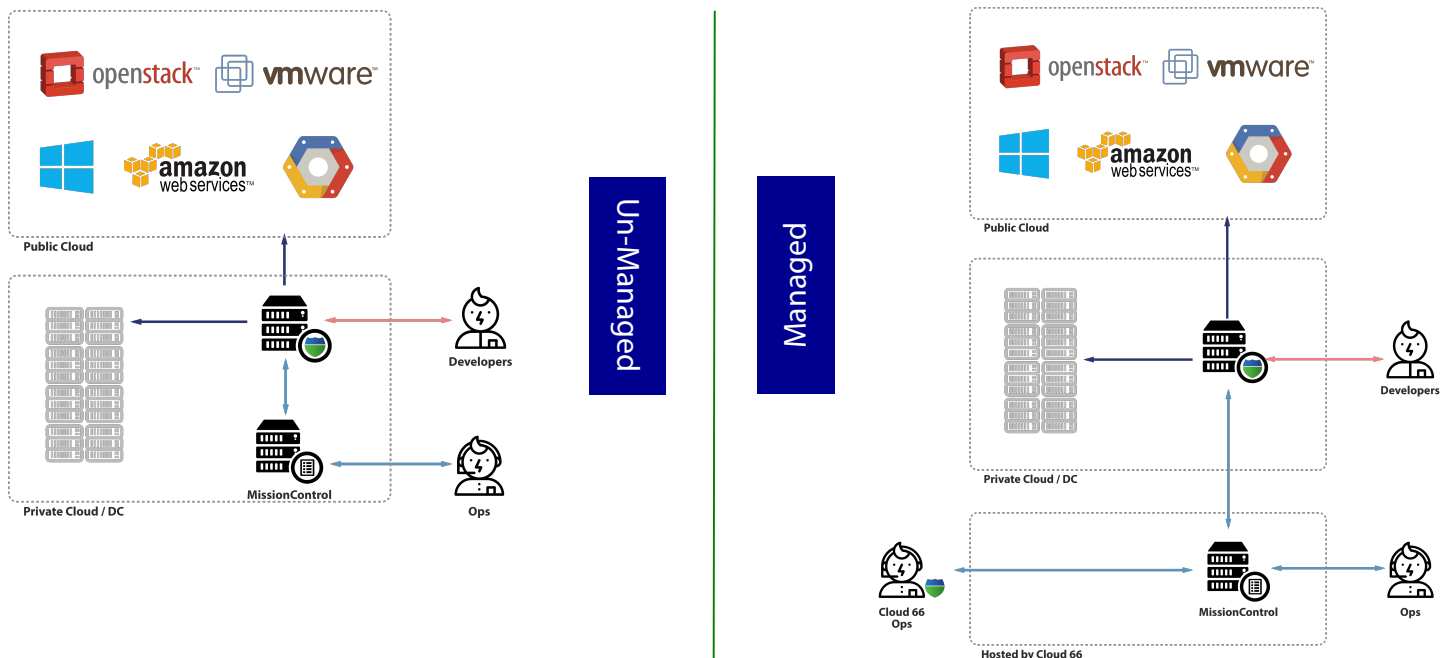
Cloud 66 Enterprise Managed can be deployed on a single server on your infrastructure (we recommend 3 servers for production setup). In the managed edition, Cloud 66 Enterprise runs on your own infrastructure, while Mission Control - the web UI that monitors, controls and updates Cloud 66 Enterprise, is hosted and managed by Cloud 66. This combines full control and isolation, with the added peace of mind to protect the health of your cluster.

Unmanaged Edition

Cloud 66 Enterprise Unmanaged can be deployed on as few as 2 servers on your infrastructure (for production setups, we recommend 5 servers). Each group of services provided by the system can be scaled independently depending on your workload type.

Supported Infrastructures

Cloud 66 Enterprise can be deployed on any public, private or hybrid cloud, as well as VMware ESX/vSphere. Supported public cloud providers include: AWS, Microsoft Azure, Google Cloud, Open Stack, Rackspace, Packet, Linode, Cloud A and DigitalOcean. Cloud 66 Enterprise can deploy to any private physical and virtual server in your private infrastructure.



Cloud 66 Enterprise is a complete set of development and operational tools to build and manage containers in production on any infrastructure, comprising of the following components:

<p>BuildGrid</p> <p>Providing continuous integration and delivery from source code to built container images, with a secure Docker image repository to host images</p>	<p>Deployment Engine</p> <p>Fully integrated, schedule and deploy solution to rollout containers onto servers. Support for rolling updates and zero downtime deployments</p>	<p>Database Manager</p> <p>Provision, monitor, backup and replication for MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch, GlusterFS, InfluxDB, Memcached and RabbitMQ</p>	<p>ContainerNet™</p> <p>Layer 2 and 3 container network, with multi-data center support, VLAN and physical network integration, alongside DNS based service discovery</p>
<p>Storage</p> <p>Per server and service storage provisioning, with fine-grained access control across the entire cluster</p>	<p>Firewall Control</p> <p>Dynamic firewall control for servers and containers that react to application changes automatically</p>	<p>Auto-healing</p> <p>Metric and event-driven autoscaling for containers, services and servers, with automatic resource allocation and server pool size provisioning</p>	<p>Monitoring</p> <p>Fully integrated server and container metrics</p>
<p>Access Control & ACLs</p> <p>Full SSO integration, with fine-grained access control over build, deployment and infrastructure access, combined with detailed, searchable audit logs</p>	<p>API/Commandline</p> <p>Enabling power-users and automation through test APIs and commandline tools, granting fine-grained access to the system</p>	<p>CustomConfig™</p> <p>Git-based, version controlled repository for any customizations to base settings of all deployed components in your stack</p>	<p>Mission Control</p> <p>Web-based control panel, providing your entire Ops team with the necessary tools to manage Cloud 66 Enterprise on your own servers</p>