

# VMWARE CLOUD PROVIDER POD

One Click. All Cloud.

## AT A GLANCE

Cloud Provider Pod automates the deployment of VMware-based clouds in Cloud Provider environments. A Cloud Provider Pod-deployed stack adheres to VMware Validated Design principles and is thoroughly interop-tested for interoperability and performance. It is also tested for cloud-scale and is built to handle rigorous cloud provider workloads. It deploys technologies with core provider capabilities such as datacenter extension, cloud migration, multi-tenancy and chargeback, and realizes the fastest path to VMware-based cloud services delivery

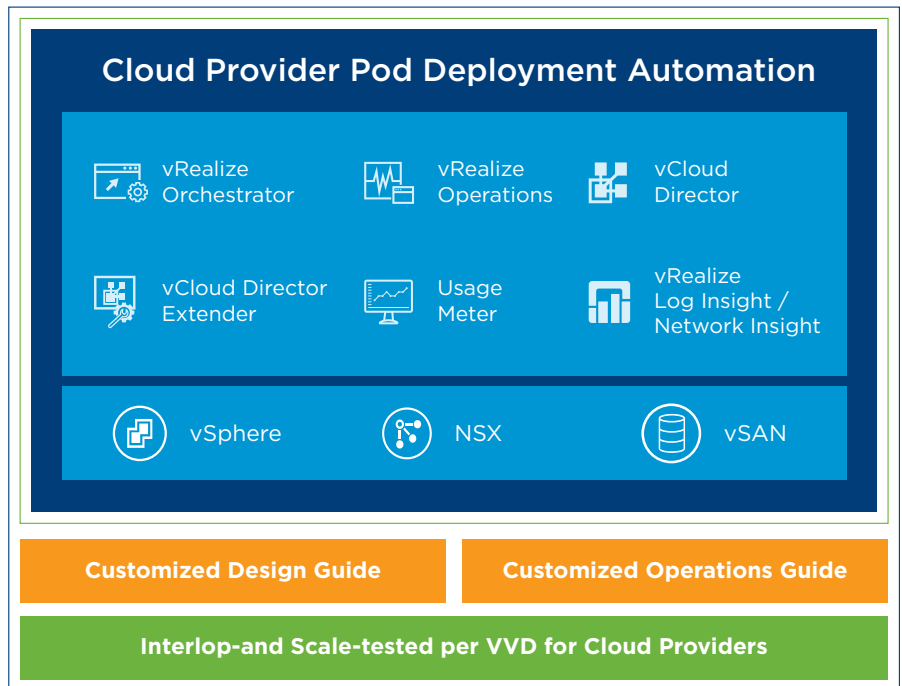
## KEY BENEFIT

Cloud Provider Pod is the fastest and most reliable way for a Cloud Provider to get to a fully software-defined, multi-tenant datacenter, along with operations visibility, cloud management, metering and chargeback, thereby accelerating time-to-market and improving service delivery.

## What is VMware Cloud Provider Pod?

VMware Cloud Provider Pod is a software product that:

- Allows cloud providers to design a cloud environment of their choice
- Automates the deployment of the designed cloud environment in adherence with VMware Validated Designs for Cloud Providers guidelines
- Generates customized Design and Operations documentation that radically simplifies cloud deployment for Cloud Providers



## What are the key capabilities of a Cloud Provider Pod-deployed stack?

Custom Cloud Design



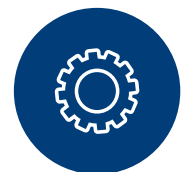
Design made-to-spec cloud environments with the **Pod Designer**

One-Click Deployment



Deploy cloud environments using a single click with the **Pod Deployer**

Seamless Operations



Leverage custom, auto-generated operations guidance aligned with **VVDs**

A Cloud Provider Pod-deployed stack facilitates



3rd-party ISV services and plugins



Datacenter extension and migration



Multi-tenancy



Operational visibility and insights



Containers as-a-Service



Chargeback



Multi-site management



Data protection



Workflow automation

## What are the key differentiators of VMware Cloud Provider Pod?

VMware Cloud Provider Pod differentiates itself from other offerings by enabling:

- Deployment automation of Greenfield vCloud Director-based cloud environments
- Interoperability, performance and scale based on VMware Validated Designs for Cloud Providers
- Comprehensive and customized design, deployment and operation guides

### Custom Cloud Designer

- Lets the Cloud Provider design a cloud to their spec
- Allows cherry-picking of feature sets and products
- Provides support for legacy storage

### Day-0 Automation of full Cloud Provider Stack

Automates deployment of:

- vSphere 6.5u2
- vSAN 6.6.1
- NSX 6.4.1
- vCloud Director 9.1.0.1
- vCloud Director Extender 1.0.1
- vRealize Orchestrator 7.4
- vRealize Operations 7.0
- vRealize Log Insight 4.6.1
- vRealize Network Insight 3.8
- Usage Meter 3.6.1

Version numbers subject to change with VMware Validated Designs for Cloud Providers, please refer to the release notes for the latest.

### Detailed Deployment and Operations Guidelines

Cloud Provider Pod generates custom documentation based on cloud design inputs that help the Cloud Provider deploy an interoperable and validated stack.

### Certified Interoperability and Scale per VMware Validated Designs

Cloud Provider Pod-generated documentation bears adherence to the latest VMware Validated Designs and is additionally scale-tested for Cloud Provider environments.

### Multi-tenant, open, extensible Cloud

Deploys a multi-tenant, self-service Cloud environment that is open (REST APIs, CLI and Py SDK), extensible (UI-extensible, compliant with Ansible and Terraform), and has native integration with ecosystem partners (Data Protection from EMC Avamar).

**FIND OUT MORE**

For information or to purchase VMware products:

**CALL**  
877-4-VMWARE,

**VISIT**  
<http://www.vmware.com>,  
or search online for an authorized reseller. For detailed specifications and requirements, refer to the product documentation.

**What are the use cases for Cloud Provider Pod?**

VMware Cloud Provider Pod facilitates the deployment of a software-defined cloud provider environment that can be used to deliver a multitude of turnkey services, such as:

- Managed Private Cloud
- Multi-tenant Cloud
- Disaster Recovery-as-a-Service
- Backup and Availability Services
- Security and Compliance Services
- Cloud Management Services
- Cloud Migration Services
- Cloud Operations and Monitoring Services

Design	Deployment	Operations
<b>Cloud Design is complex</b>	<b>Cloud Deployment is time-consuming</b>	<b>Cloud Service Operation is hard</b>
Today, cloud design is a manual and effort-intensive process that takes days and console / product hopping.	VMware Cloud Provider environments take weeks to set up and often require professional help.	VMware Cloud Providers spend too much time on infrastructure maintenance and are unable to focus on service delivery and quality.
<b>Problems Solved</b>	<b>Problems Solved</b>	<b>Problems Solved</b>
With the Cloud Provider Pod we present a web-based, intuitive and granular cloud design tool.	Cloud Provider Pod possesses technology that automates all of the installs and configurations of the VMware Cloud Provider stack.	Cloud Provider Pod delivers detailed operations guidance in adherence with VMware Validated Designs that takes away operational complexity.
<b>Value Delivered</b>	<b>Value Delivered</b>	<b>Value Delivered</b>
Reduced time-to-value, operational savings and greater control of the provider's cloud environment.	Dramatically-reduced time-to-value, less scope for errors, less operational expense.	Allows Cloud Providers to focus on service quality and differentiation, leading to better customer experiences, growth and retention.

**VMware Validated Designs for Cloud Providers**

VMware Validated Designs for Cloud Providers are blueprints for building and operating cloud infrastructure for a wide range of cloud provider use cases. VMware Validated Designs for Cloud Providers are thoroughly tested for scale and interoperability and are refreshed regularly. They adopt the proven software-defined datacenter design principles of VMware Validated Designs and add validation and testing to suit Cloud Provider environments. The Cloud Provider Pod-generated documentation is based on VMware Validated Designs for Cloud Providers. Cloud Provider Pod will be released with every refresh of VMware Validated Design for Cloud Providers. VVD for Cloud Providers have a targeted refresh of every six months, in close alignment with every new release of vCloud Director. To see the latest, go [here](#).

