vmware®

Progressive Service Providers and New VMware Cloud Director 10.2

Why upgrade to Cloud Director 10.2 now?

The latest edition of VMware's flagship Cloud Provider Platform—VMware Cloud Director 10.2—gives Service Providers a new and even better suite of timely service capabilities. These focus on enhanced networking and security, new storage options, and a comprehensive set of Kubernetes services designed to appeal to developers that are fully integrated into Cloud Director.

A Natural Partnership

Enhanced networking with VMware NSX-T

Cloud Director 10.2 now fully supports VMware NSX-T, so Service Providers can offer the latest NSX networking and security capabilities to their customers as chargeable services, including:

- Self-service distributed L4–L7 firewalling.
- UI enhancements that make it easier to onboard new users and highlight features.
- A new NSX Advanced Load balancer (Avi Networks Load Balancer) that includes a number of superior load balancing and application services you can monetize.

The level of support for NSX-T in Cloud Director 10.2 means Service Providers can now confidently migrate tenants from older editions and adopt NSX-T as their de facto offer on an org-by-org basis, using the new automated tooling.

Improved storage offerings, deployment and management

VMware Cloud Director 10.2 gives Cloud Providers welcome new storage options, so they can offer more scalable services that are better suited to multi-tenant environments:

- Cloud Director 10.2 is now integrated with the VMware vSphere Storage Policy-based IOPS configuration, so Service Providers can now configure and manage vSphere Storage I/O Control for Storage I/O resources on a per-VM basis using the Cloud Director admin UI.
- A new Shared Disks capability offers support for Microsoft and Oracle storage clusters.
- Improvements to Object Storage Extension (OSE) 2.0 lets tenants take advantage of low-cost AWS S3 object storage, including the ability for Service Providers to connect customers' existing S3 accounts to their tenant org within Cloud Director and monetize this service.
- Upgrades and deployments are made simpler with VMware Cloud Director 10.2 with a new deployment User Interface and improvements in validation checking and access to essential deployment and configuration logs.
- Tenant utilization is made easier with a new Guided Tours feature to help new users find their way through the user interface, and providers to highlight offered services and features.
- With new 'Advisories', providers can now notify tenants, for instance, informing tenants about planned maintenance.

…And now the new Quick Search function simplifies navigation through large numbers of objects.

Developer-ready solutions on Cloud Director

Cloud Director 10.2 gives Service Providers two new sets of tools to meet the needs of customers who are looking for a development infrastructure. This is a timely addition to Cloud Director given that 58% of developers are now the primary decision makers in selecting which cloud infrastructure and tools their business uses.[1]

1 Evans Data Cloud Development Survey 2017

Flexible support for Kubernetes

Service Providers can now offer orchestration of different tiers of Kubernetes clusters using Cloud Director 10.2 as a unified platform to host and manage Kubernetes cluster lifecycles. End customers in the developer and DevOps communities can now deploy their preferred type of Kubernetes cluster:

- Native open Kubernetes provisioned from within Cloud Director 10.2.
- Kubernetes on standards-compatible and enterprise-grade VMware vSphere with Tanzu.
- Enterprise PKS: VMware's purpose-built container platform for managing Kubernetes.

Service Providers can then layer additional chargeable developer solutions on their Kubernetes platform running on Cloud Director.

Easier to deploy
Cloud Director 10.2 is easier than ever to deploy, delivering less error-prone and simpler deployment capabilities.

Easy access to Dev platforms with App Launchpad 2.0

New capabilities in App Launchpad 2.0 enable Service Providers to offer developers a marketplace of VM and container-based applications that can be easily launched from Cloud Director, ideal when the customer wants to create instances of applications without managing the underlying infrastructure.

With App Launchpad 2.0, Service Providers can offer quick and easy access to a huge catalogue of services (including custom applications) aimed at developers and DevOps teams. Enhanced integration between App Launchpad 2.0, Container Service Extension 3.0, Kubernetes in VMware vSphere, and Cloud Director 10.2 enables end customers to launch dev environments to either a virtual VMware data center (Org VCD) or a Kubernetes cluster, in a matter of seconds. App Launchpad 2.0 also introduces deep integration with the VMware Cloud Marketplace. From App Launchpad, Providers can subscribe to VMware Cloud Marketplace VM and container solutions, and leverage Marketplace's Auto-Sync feature to automate the lifecycle management of App Launchpad catalogs, minimizing operational overhead.

For Service Providers, these new developer-friendly innovations mean Cloud Director 10.2 can become their single point of access for deployment of vApps, VMs and Kubernetes clusters.

Partnering for success

The latest release of Cloud Director gives Service Providers even more scope to stay profitable and differentiate their offers from competitors. It demonstrates VMware's continued commitment to supporting our Service Providers in a true spirit of partnership.

Learn more about Cloud Director 10.2 ›

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