

VDI 2.0: Nutanix and Workspot

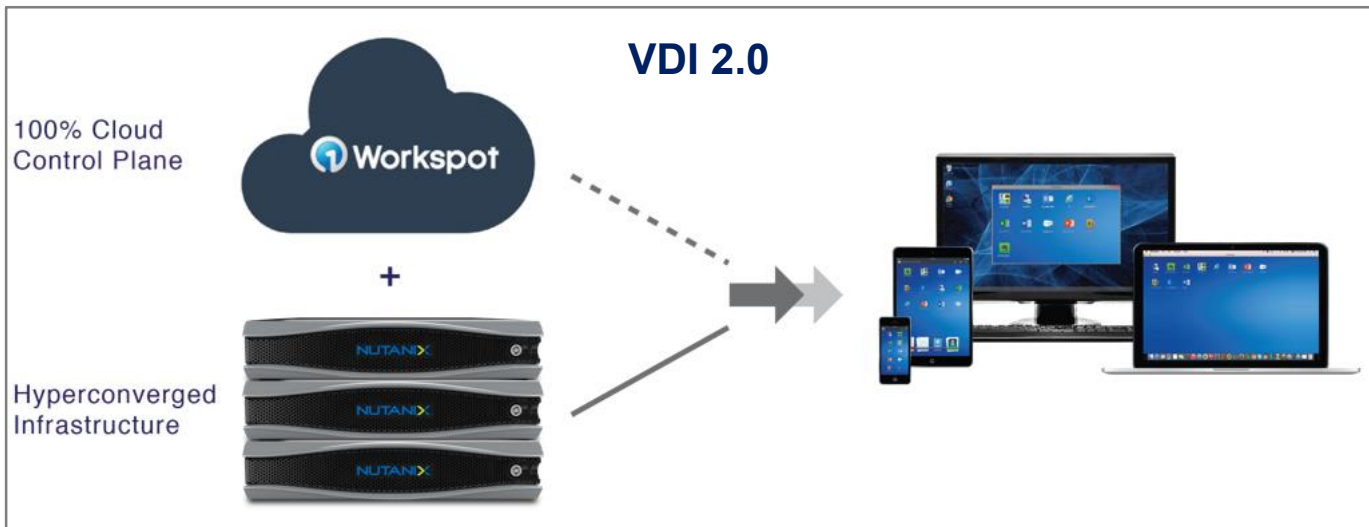
Nutanix and Workspot

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. By natively converging server, storage, and virtualization resources into the turnkey Xtreme Computing Platform (XCP) that is easy to deploy and manage, Nutanix has helped large and small IT organizations simplify their datacenters and gain predictable performance, linear scalability, and cloud-like infrastructure consumption.

Workspot is the leading 100% cloud-based Workspace as a Service platform. Built for the mobile, cloud and hyper-converged infrastructure era, Workspot is the fastest and simplest solution for solving IT's end user BYOx and mobility challenges. Workspot also solves the corporate challenge of securely delivering apps, desktops and data to any device with a single frictionless user experience across mobile, Mac and PC platforms. Workspot's 100% cloud-based platform simplifies IT's workload, requires zero maintenance, scales instantly, provides deep end user experience analytics and monitoring, and is always up to date with the latest features.

SOLUTION OVERVIEW

Together, Nutanix and Workspot provide the next generation of desktop virtualization. The Workspot VDI 2.0 solution running on Nutanix XCP combines the leading technologies architected specifically for the cloud, mobile and hyper-converged era. Architected to solve the problems with traditional VDI 1.0 architectures, this solution is radically simplified. The solution goes from zero to VDI quickly for all users and with a much lower TCO.



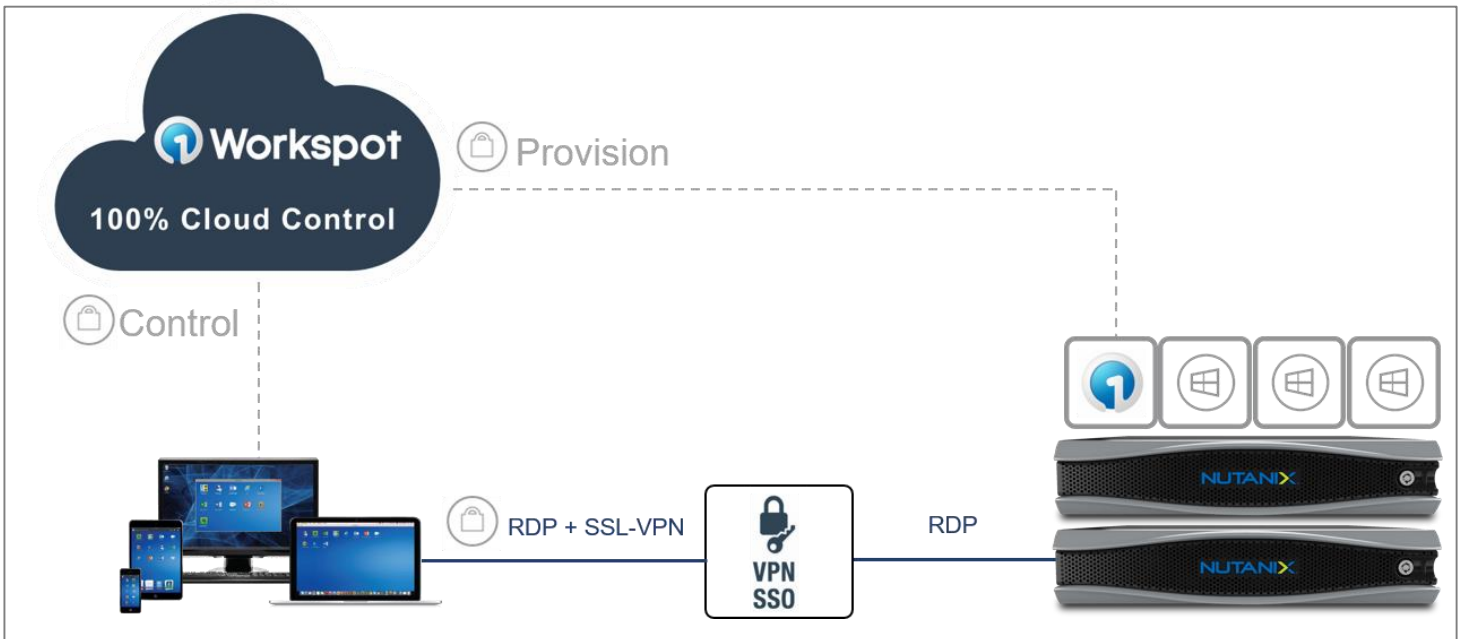
KEY BENEFITS FOR BUSINESS AND IT

- ✓ Significantly improved TCO compared to traditional infrastructure-based solutions
- ✓ Deploy in as little as 60 minutes
- ✓ 8x faster time to value in buying, deploying, and managing infrastructure
- ✓ Avoid under-utilized infrastructure silos, using up to 90% less space and 40%-60% lower CapEx
- ✓ Cloud control plane architecture at a fraction of the OPEX of software licensing based solutions
- ✓ Scale infrastructure predictably with no limits
- ✓ True end-user data and analytics.

Technical Details

Workspot VDI 2.0, running on the Nutanix hyper-converged infrastructure, uses Workspot's cloud based control plane for configuring end points, brokering, and provisioning VDI VMs. To address the complexities of traditional VDI deployments, the VDI 2.0 solution is purpose-built to leverage hyper-convergence and cloud technologies. Hyper-convergence consolidates storage, compute, and virtualization layers into a single infrastructure with predictable scalability delivered by Nutanix's web scale architecture. VDI is instantly delivered to all users through Workspot's cloud-based control plane. Workspot Control combines the functionalities of command & control, brokering, provisioning, and monitoring, but specifically architected for the cloud so it scales instantly and infinitely. The multi-tenant architecture is designed with resiliency and redundancy while providing deep end user experience monitoring across all users and networks.

VDI 2.0 Architecture Diagram



Secure by design

To ensure security, no data traverses through the cloud.




Architecturally, Workspot is a control plane architecture. Data flows directly between the Workspot client and the application. The VDI sessions connect, leveraging RDP, directly from the end point to the VM hosted on hyper-converged appliances. All VDI connections are kept 100% secure by SSL-VPN in the data center and the Workspot client. This separation between control and data planes is very critical for security, availability, and performance.

The Workspot Cloud is responsible for configuring end points, brokering, and provisioning VDI VMs.

- End points (Windows, Mac, iOS, Android) are automatically updated with new features and policies from the cloud. As new features are introduced, about every 6-8 weeks, the Workspot Cloud and end points are automatically updated without user or IT intervention.
- The Workspot Enterprise Connector, which resides on the hyper-converged appliances, synchronizes VM assignments through secured Web Sockets calls to the Workspot Cloud. All VM policies are set in the Workspot Cloud.

Cloud Management: Single Pane of Glass for Everything

Workspot Control is the cloud based command center for application delivery. Within the single interface, administrators configure and manage all users and policies. Big data analytics provide deep insights into events and end user experience monitoring. As a cloud service, Workspot Control is instantly updated with new features every 6-8 weeks.

 Configure	 Provision	 Monitor
<ul style="list-style-type: none"> • User Management • Active Directory Sync • User access to VDI, SaaS, Web, Windows Data, content repository • Policies: Device, Security, Networking 	<ul style="list-style-type: none"> • VDI VM Assignments • Security policies • MFA, Certificates • Enterprise Appstore & MDM 	<ul style="list-style-type: none"> • Big Data analytics • End User Experience • Granular events log • e-Discovery • Anomalous activity • Customized reports

Components

Nutanix XCP

- Combines compute, hypervisor, VDI VMs, and storage into single device
- Nutanix XCP NX-1000 series, NX-3000 series, or NX-8000 series



Workspot Control

- Single pane of glass for management and reporting with end user experience monitoring
- 100% Cloud hosted broker and provisioning
- Redundant and resilient multi-tenant architecture
- Configure, manage, and monitor all users across all devices
- Scales instantly
- No maintenance. Automatically updated with new features and updates every 6-8 weeks



Workspot Client

- Multi-platform support
- Windows 7, 8, 10
- MacOS X
- iOS 8+
- Android 4.0.3+



More Resources

- For more technical information, visit www.workspot.com/nutanix
- Nutanix resources library, visit www.nutanix.com/resources

Get Started With VDI 2.0

Contact Workspot at sales@workspot.com.

About Nutanix

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. Using Nutanix, customers benefit from predictable performance, linear scalability and cloud-like infrastructure consumption. Learn more at www.nutanix.com or follow us on Twitter [@nutanix](https://twitter.com/nutanix).

About Workspot

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Based in Cupertino, California, Workspot is recognized by Gartner as "Cool Vendor" in endpoint computing. For more information, visit www.workspot.com.