CITRIX® **CISCO**

Citrix Workspace Appliance

Simplify your virtual desktop environment while boosting performance with Cisco HyperFlex for Citrix Cloud services —a Citrix Ready verified solution—from Cisco

Digital transformation is quickly impacting every industry, making it increasingly difficult to keep pace with an evolving digital workplace. Many businesses, especially those with smaller IT teams and lower budgets, struggle with implementing new solutions and delivering enterprise-level services like desktop virtualization and BYOD.

To overcome these challenges, Cisco and Citrix partner to create Cisco HyperFlex for Citrix Cloud services, a tightly integrated solution that makes it easy to virtualize your desktop apps and data on a central platform. For businesses of all sizes, satellite facilities, and branch offices, Citrix and Cisco help you centralize control of your desktop environment, quickly adapt to changing business conditions, and run your desktop operations more efficiently.

Many businesses today are finding that the day-to-day minutia of managing desktops individually consumes way too much staff time and diverts focus from activities that add value to their business and maintain their competitive edge. To successfully stay ahead of the competition industry leading companies digitally transform their businesses to be more agile, cost-efficient, and competitive. Virtualizing desktop environments is a major step forward in the path to digital transformation. But if you're like other small to medium enterprises, you're probably straining to support an expanding number of desktops and mobile devices running on a collection of inflexible older networking and server technologies. You need a way to more efficiently manage desktops, as well as leverage technologies like cloud.
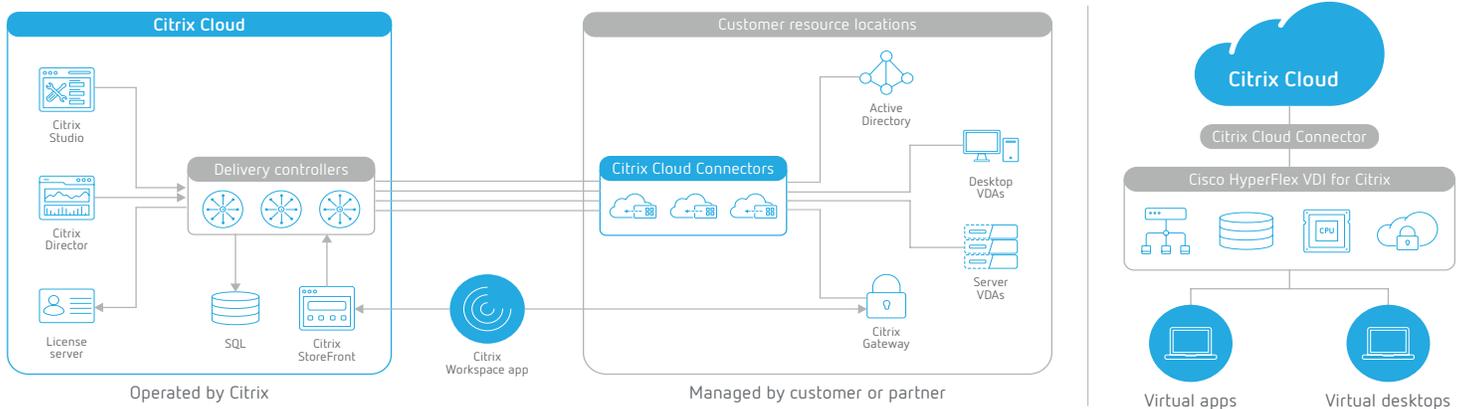
Traditionally, desktop virtualization infrastructure can be complex and cost prohibitive. People with the skills to deploy and maintain the technology are difficult to find and highly paid. Companies or remote locations like yours need affordable app and desktop virtualization environments, with centralized and automated desktop management, that can be efficiently deployed, maintained, and leveraged for competitive advantage by existing IT staff. Cisco HyperFlex for Citrix Cloud services from Citrix and Cisco provides an easy and cost-effective way to help you digitally transform your desktop environments.

Centralize Control of Your Desktop Environments

As part of the Citrix Ready Workspace Appliance Program, Cisco HyperFlex for Citrix Cloud services integrates everything you need to quickly and cost-effectively virtualize your desktop environments and centralize management. It frees you from the constraints of time, budget, headcount, and skills that might have prevented you from implementing virtualized desktops in the past.

Virtualize your desktop environments without the complexity and expense. With Cisco Hyperflex for Citrix Cloud services, you can deploy scalable, secure, fully integrated hybrid cloud virtualized desktop environments in hours, not days. Complete desktop environments that empower your users with anytime, anywhere access to their apps, desktops, and data can be

A logical view of the Cisco HyperFlex for Citrix Cloud services solution

Solution Components

Cisco

- HyperFlex HX220c
- HyperFlex HX240c

Citrix

Citrix Cloud

- Citrix Virtual Apps and Desktops

provisioned with a few mouse clicks —without the need to hire staff skilled in app and desktop virtualization software and infrastructure.

Citrix manages the app and desktop virtualization as a service in the cloud, and all of the required compute, storage, and network infrastructure is pre-integrated and pre-tested in the Cisco Hyperflex HCI appliance. With Citrix managing the core components of Virtual Apps and Desktops in the cloud, you don't have to worry about performing most of the product installation, setup, configuration, upgrades, and monitoring.

Streamline desktop management and operations. Automated, centralized control of your desktop images lets you respond quickly to increases in demand, provide faster provisioning, create a better user experience, and reliably deploy desktop resources. It also greatly reduces costly, time-consuming operations like physically installing and patching operating systems and apps, updating firmware, and synchronizing data on each device. You can deploy, manage, and scale with point and click operations for common workflows, and hundreds or thousands of desktops can be provisioned from a single standard image.

Strengthen security and compliance. With virtualized apps and desktops, apps and data reside on premises under your control—behind your security layers—and users interact with the apps and data through an encrypted connection.

You control the access and the data. Your data is no longer scattered around the world on unprotected devices with traveling, remote, and branch office employees. Centralized management, automated workflows, and rich reporting functionality also make it easier to maintain security and compliance.

Quickly Adapt to Changing Business Conditions

Scale quickly and cost effectively. The scale-as-you-grow solution provides the ability and flexibility to scale up and down to support your workforce. Whether you're increasing or decreasing the workforce, making seasonal adjustments, or adding contractors, you can purchase more licenses, add more HyperFlex nodes, and provision additional virtual desktops with just a few clicks.

Improve workforce mobility and boost productivity. Stay ahead of the competition by providing your users secure access to the apps, data, and computing horsepower they need, wherever they are, on whatever device they prefer including Mac, Chrome, Linux, and a whole suite of mobile devices. Cisco HyperFlex delivers powerful on-premises infrastructure that easily adapts to changing user needs and supplies the performance required for their mission-critical workloads.

Increase Efficiency

Reduce TCO. With Cisco Hyperflex for Citrix Cloud services, you don't have to worry about over provisioning, you only buy

A Powerful Solution

- Simple, fast, and secure way to deploy and scale apps and desktops using virtual workspace appliances and Citrix Cloud

- Integrated, tested and validated for compatibility with Citrix technology by Citrix Ready

- Industry-leading density in a 2U form factor

- High-performance user experience

- Up to 3 TB memory

- All flash memory or hybrid (HDD and SSD memory) storage

- Auto-updates and health checks for Citrix Virtual Apps and Desktops core software and components

ESG 2017 Testing vs HCI Competition

- 3x reduced read/write latency

- 7:1 reduction in IOPS variability

- 3x higher VM density

ESG 2018 Testing vs HCI Competition

- 96% higher VM-level performance consistency

- 3x lower latency

- 2x more IOPS

what you need. The scale-out architecture allows you to add only the amount of server, storage, and networking resources you need in manageable cost increments. In addition, Citrix Cloud services support the HyperFlex scale-out architecture model with subscription-based pricing.

Because the Citrix software is delivered as-a-service, you don't need to hire expensive IT specialists to manage it. All of your virtual desktops, data, and apps are in an easy-to-manage HCI appliance on your premises. Using the centralized, automated management functionality, your administrators can manage most work-flows with a few clicks, significantly reducing the cost of managing desktops.

Having hyperconverged compute and storage in the same appliance eliminates the need for storage networking appliances and saves a considerable amount of power and space compared to traditional virtualized desktop environment implementations. Desktops can be replaced by monitors and keyboards for further power savings.

Free IT staff to work on strategic projects. Cisco HyperFlex for Citrix Cloud services hides the complexity of underlying virtualized desktop infrastructure. IT generalists on your existing staff can create complete virtualized desktop environments from power-on to desktop deployment in 2 hours or less, freeing them to work on projects that improve and enhance your value chain.

Reduce cost, complexity, and risk. Citrix delivers the virtualized desktop environment software from the cloud and the HCI appliance simplifies the on-premise server, storage, and networking infrastructure. This vastly reduces the cost

and complexity of deploying and managing virtualized desktop environments. It also reduces many of the risks associated with migrating to app and desktop virtualization.

- **Reduce downtime.** Cisco HyperFlex for Citrix Cloud services is pre-integrated, tested, fully validated, and supported by Citrix and Cisco. You plug it in and everything works reliably under load. You don't have to worry about complex integrations, downtime, and finger pointing caused by multi-vendor infrastructure issues.

- **Streamline OS and app upgrades.** Centralized virtualization management tools enable point and click migration for OS and app upgrades, where thousands of desktops can be provisioned or updated almost instantaneously once standard desktop environments are defined.

- **Simplify BYOD migration.** Because it decouples the application from the device, virtualized desktop environments make it easy to manage data and apps across a wide variety of platforms including iOS, Android, Windows, and Chrome-based devices.

Move to a Digital Workspace Today

Cisco HyperFlex for Citrix Cloud services is the simplest, fastest, and most secure way to deploy and scale virtual apps and desktops to help digitally transform your business. Visit the links below to learn more about Citrix, Cisco, and Cisco HyperFlex for Citrix Cloud services.

- https://citrixready.citrix.com/cis-co-systems-inc/cisco-hyperflex-for-ci-trix-cloud-services.html

- https://www.cisco.com/go/citrix