



# Nutanix and Aviatrix Cloud InterConnect (ACX)

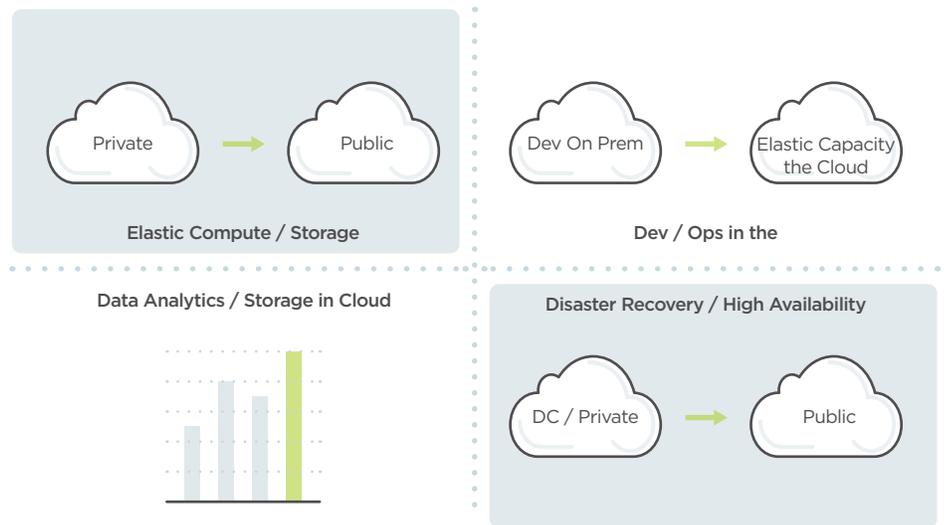
**“Aviatrix’s disruptive vision is to make hybrid cloud networking as simple, dynamic, and elastic as compute and storage,” said Steven Mih, CEO of Aviatrix. This solution brings one-click hybrid cloud networking to Nutanix’s hyper converged compute, storage and virtualization stack.”**

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. Nutanix has helped large and small IT organizations simplify their datacenter and gain predictable performance, linear scalability, and cloud-like infrastructure consumption. Nutanix Calm supercharges this with multicloud application-centric orchestration and automation.

Aviatrix provides a comprehensive software solution for all-inclusive secure connectivity between enterprise data center and public cloud regions, leading cloud providers, and direct user access to clouds. The Aviatrix one-click hybrid cloud networking solution is a software-only solution built from the ground up for Amazon Web Services, Microsoft Azure, and Google Cloud environments and enables enterprises to realize the benefits of agility, flexibility, and simplicity when migrating applications to the cloud.

This flexible joint solution brings together the Nutanix Enterprise Cloud Platform and Nutanix Calm with Aviatrix’s powerful hybrid cloud networking to enable enterprises build next generation hybrid cloud environments and compelling benefits to leverage private and public cloud resources.

## COMMON HYBRID CLOUD USE CASES

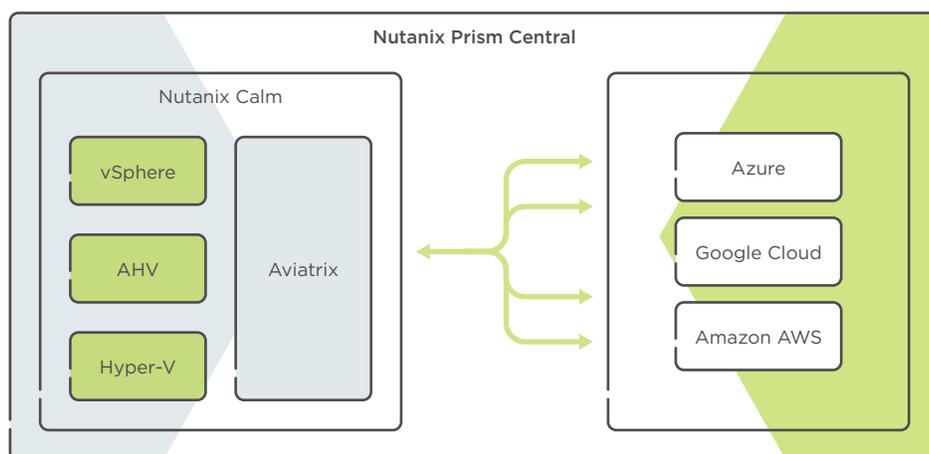


## COMMON NETWORKING CHALLENGES ACROSS ALL THESE HYBRID USE-CASES:

1. Need to secure private IP connectivity from the datacenter to the VPCs without complex network re-design
2. Dynamically scale development and test environments in the public cloud in matter of minutes rather than weeks that it normally takes
3. Provide an always-on, reliable connectivity for backup to the public cloud
4. Need to establish dynamic just-in time connectivity to build elastic capacity for variable workload demands

## SOLUTION OVERVIEW

Together Nutanix and Aviatrix help deliver end-to-end solution for One-click Hybrid Clouds between Nutanix Private Clouds and Public Clouds such as AWS and Azure managed from one pane of glass - Nutanix Calm.



## SOLUTION OVERVIEW

Key highlights of the joint solution are:

- **Deploy in minutes:** Aviatrix brings One-Click Hybrid cloud networking to Nutanix data centers such that an enterprise can dynamically setup, access and leverage the public cloud infrastructure services within minutes without the need to touch a CLI
- **Secure Overlay Network:** Aviatrix seamlessly and securely connects datacenters to the public cloud with no new hardware, no changes to enterprise edge network or security devices.
- **Single Pane Cloud Orchestration:** Use Nutanix Calm to orchestrate compute, storage and secure network connectivity to applications across private and public clouds

## JOINT SOLUTION FEATURES

- Aviatrix provides a centralized controller and lightweight gateway software that simplifies the creation, deletion, and management of hybrid cloud networks.
- Nutanix Calm integrates and greatly simplifies the usage of Aviatrix in Nutanix environments, delivering a single click hybrid network extension experience to customers.
- Together, Aviatrix and Nutanix enable enterprises to build seamless, secure and scalable hybrid clouds with no changes to the enterprise IP and security architecture.
- Architected for the cloud, the solution leverages Layer 2 and Layer 3 technologies enabling running workloads over an encrypted infrastructure without any reconfiguration of the edge router in the enterprise.
- Joint solution enables hybrid cloud control, orchestration, and monitoring, plus it can enable scaling to multiple sites or branches, multiple VPCs, and multiple clouds without complex reconfiguration and changes.
- Aviatrix can also support cloud-native environments and multi-cloud architectures by enabling interconnections between different public cloud providers.



## NUTANIX READY VALIDATION

- Aviatrix Datacenter Extension is validated on Nutanix AHV
- Aviatrix Datacenter Extension with Nutanix Ready Blueprint available on the Nutanix marketplace

## RESOURCES AND GETTING STARTED

- Know more about [Nutanix Calm](#)
- Nutanix Technology Alliances – [Aviatrix](#)
- Aviatrix resources [Here](#)
- Nutanix and Aviatrix are committed to our customers' success. We offer a wide range of services, around design, deployment, and optimization, as well as custom services tailored to customers' needs. Contact us at [Info@aviatrix.com](mailto:Info@aviatrix.com) to get started.



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## KEY BENEFITS FOR BUSINESS AND IT

- ✓ Hybrid Cloud provisioning and orchestration in minutes
- ✓ Seamless and secure extension of the private cloud to the public cloud
- ✓ Eliminate complex network and security policy changes when connecting to public clouds
- ✓ Single Pane Cloud Orchestration

## ABOUT AVIATRIX

Aviatrix, the pioneer in reinventing networking for the cloud era, radically simplifies and secures connectivity within hybrid cloud and multicloud environments.

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at [www.nutanix.com](http://www.nutanix.com) or follow us on [Twitter @nutanix](https://twitter.com/nutanix).

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