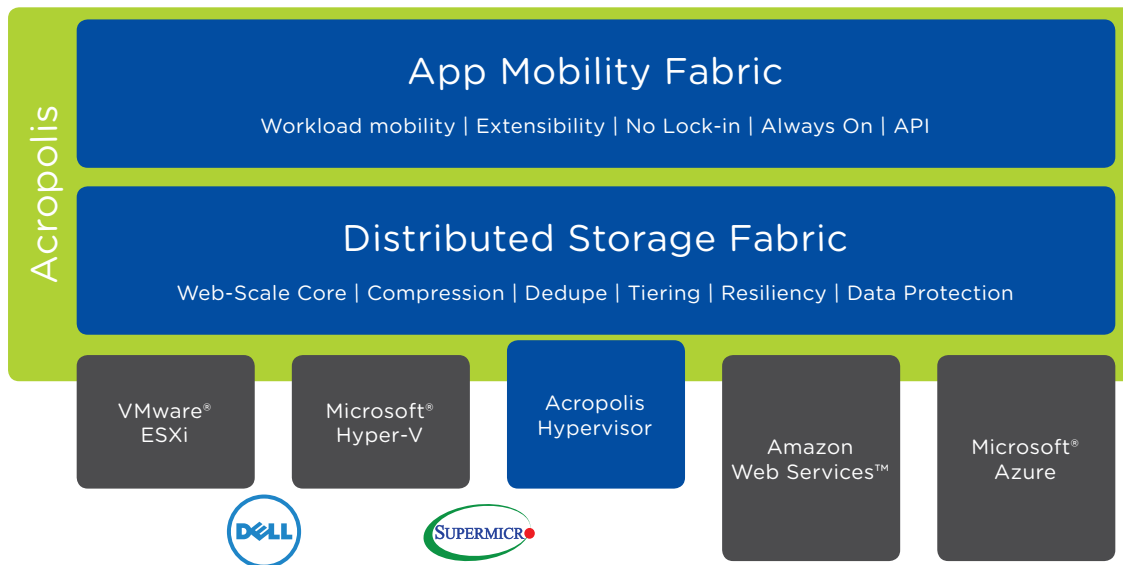# Nutanix Acropolis

Nutanix Acropolis is the industry's leading turnkey infrastructure platform that delivers enterprise-class storage, compute and virtualization services for any application. Acropolis offers IT professionals uncompromising flexibility of where to run their applications, providing a path to freely choose the best virtualization technology for their organization – whether it is traditional hypervisors, emerging hypervisors or containers.

For the first time, infrastructure decisions can be made entirely based on the performance, economics, scalability and resiliency requirements of the application, while allowing workloads to move seamlessly without penalty.

Acropolis

App Mobility Fabric
Workload mobility | Extensibility | No Lock-in | Always On | API

Distributed Storage Fabric
Web-Scale Core | Compression | Dedupe | Tiering | Resiliency | Data Protection

VMware® ESXi | Microsoft® Hyper-V | Acropolis Hypervisor | Amazon Web Services™ | Microsoft® Azure

DELL | SUPERMICRO

Nutanix Acropolis is comprised of three foundational components:

1. Distributed Storage Fabric
Enterprise data storage delivered as an on-demand service by employing a highly distributed software architecture. Nutanix eliminates the need for traditional SAN and NAS solutions, and delivers a rich set of VM-centric software-defined services, including snapshots, clones, high availability, disaster recovery, deduplication, compression, erasure coding storage optimization and more.

2. App Mobility Fabric
A newly-designed open environment capable of delivering intelligent VM placement, VM migration, and VM conversion across hypervisors and clouds, as well as cross-hypervisor high availability and integrated disaster recovery. Acropolis supports all virtualized applications, and will provide a seamless path to containers and hybrid cloud computing.

3. Acropolis Hypervisor
While the Distributed Storage Fabric fully supports traditional hypervisors such as VMware® ESXi and Microsoft® Hyper-V, Acropolis also includes a native hypervisor based on the proven Linux KVM hypervisor. With enhanced security, self-healing capabilities based on SaltStack and enterprise-grade VM management, Acropolis Hypervisor delivers the best overall user experience at the lowest TCO and will be the first hypervisor to plug into the App Mobility Fabric.

How Is Acropolis Different From Traditional Approaches to Virtualization?

The converged storage and virtualization stack eliminates the bloat of legacy standalone hypervisors and makes virtualization invisible. The Acropolis Hypervisor is purpose-built to run on intelligent storage that understands virtualization and provides data services such as snapshots, clones, provisioning, operations and data protection at VM granularity. As a result, the hypervisor can be made leaner and focus on delivering secure virtual computing.

Rich Ecosystem

A large community of technology leaders recognize the need to drive down datacenter cost and complexity. Nutanix and its ecosystem partners have completed extensive testing to ensure that applications and guest operating systems run on Nutanix Acropolis with high performance and no change to VMs.

Applications & Technology	Microsoft SQL Server, E Exchange, Microsoft Dynamics, COMMVAULT, AVAYA
	CITRIX, JUNIPER NETWORKS, solarwinds, Lync, ScienceLogic
	McAfee An Intel Company, silver peak, veeam, THE LINUX FOUNDATION, f5
	SharePoint, mongoDB, unidesk, splunk>, vARMOUR
	AppSense, Zerto, ORACLE, cumulus networks, VMTURBO
Guest Operating Systems	openSUSE, Windows Server, CentOS, ubuntu

"With a fully integrated hypervisor and virtualization management built into the platform, Nutanix Acropolis has truly made infrastructure invisible, allowing us to focus on higher priority business goals. Nutanix is a breath of fresh air, delivering incredible simplicity without compromising functionality."

– Joris Vuffray, Head of Network and System Management, Swisslos

Benefits

- **Integrated management of physical and virtual infrastructure**

- **End-to-end operations**

- **Any workload at any scale**

- **Unfettered application mobility**

- **Up to 80% lower virtualization costs**

Next Steps
- Visit www.nutanix.com for more information.
- Follow us @nutanix
- Email info@nutanix.com to find out how to get started today.

NUTANIX