# Putting the Power of Web-Scale within Reach of Smaller Enterprises

Enterprise branch offices, retail locations and regional offices typically lack the specialized IT resources needed to manage traditional datacenter platforms built with separate servers, storage arrays and networking. In addition, CAPEX and OPEX budgets are constrained while space and power footprints are often limited. The Nutanix solution features a flatter datacenter architecture that eliminates the need for centralized SAN/NAS storage, dramatically reducing cost and IT complexity while simplifying management.

Software-based storage controller technology coupled with Information lifecycle management (ILM), integrated data protection and centralized management capabilities (Prism Central) provides a single platform that is ideal for powering any branch office services, including local applications, virtual desktop deployments, file and print services, DHCP and DNS services, WAN optimization controllers and security-focused virtual appliances.

## Streamline Initial Branch Deployments

Typical remote office branch office (ROBO) solutions, which offer little more than legacy products packaged into a single chassis or cabinet, require time-consuming on-site IT for deployment. The Nutanix Virtual Computing Platform is powered by a software-driven architecture that streamlines installation and optimizes on-going performance. Branch solutions can be provisioned at a central location in under an hour then shipped ready to run with a simple connection to a top-of-rack switch. The flexibility to use existing infrastructure, such as 110-volt power and 1 Gbps Ethernet reduces deployment costs and accelerates time to value even further.

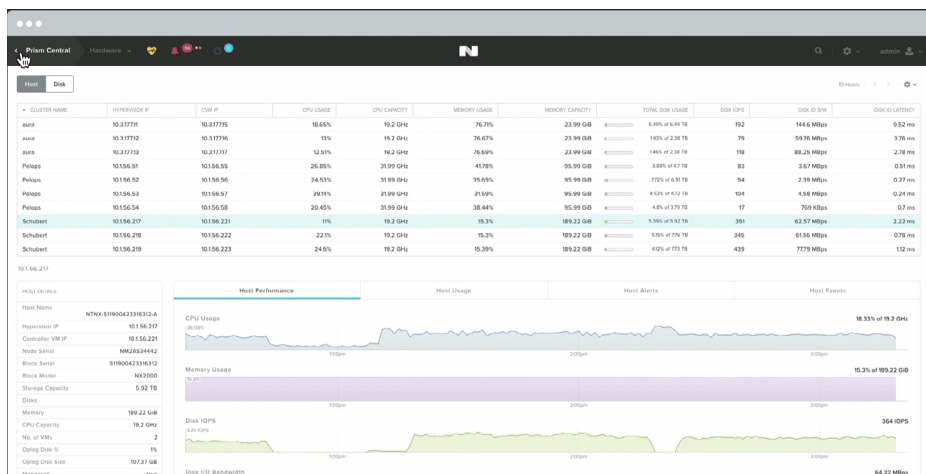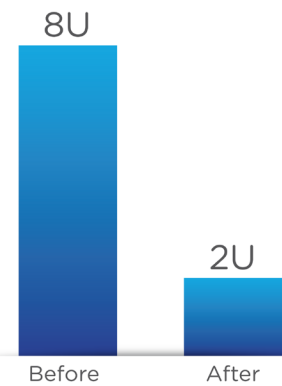## Simplify Maintenance Managed Centrally & Remotely

Maintaining a branch utilizing onsite IT is an expensive and inefficient method to ROBO deployments. In addition, managing three separate tiers of infrastructure requires special training. Multiplying these requirements across dozens to hundreds of branch locations is often a non-starter.



With Nutanix, manage all branch, retail and regional locations from a single pane of glass using the simple and intuitive Nutanix Prism Central interface. Prism offers an aggregate view of health and resources across multiple clusters, allowing them to seamlessly zoom in and manage individual clusters as required. In addition, Prism Central is hypervisor-agnostic, and can be used to manage clusters running different hypervisors including Hyper-V, vSphere and KVM.

## Key Benefits

- Turn-key solution: Web-scale solution delivered in a 2U appliance runs all virtual workloads common in enterprise branch offices and retail stores

- Centralized management: Single pane of glass remote management streamlines IT requirements

- Business continuity: Integrated replication and back-up SW tailored for VM-specific data

- Reduced infrastructure needs: Flexibility to use typical branch office power and networking infrastructure (110 volt and 1 Gb Ethernet) to reduce deployment costs

- Affordable: Nutanix offers specific platforms providing the appropriate compute and storage resources for an affordable entry point

### Reduction in Datacenter Rack Space Requirement



8U Before
2U After

Microsoft

ORACLE®

CITRIX®

vmware®

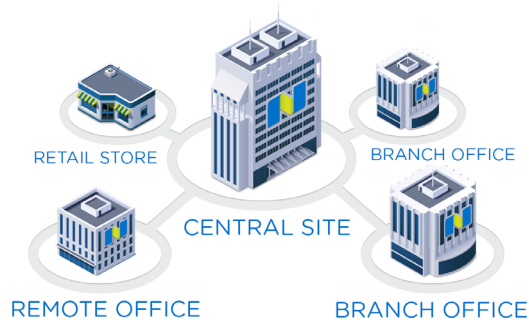## Deliver Enterprise Value in a Consumer-Sized Package

The Nutanix ROBO solution brings powerful converged infrastructure to environments with limited budgets and scarcity of specialized IT skills, including enterprise branch offices, retail stores and small to mid-sized IT organizations. The solution delivers the same easy to manage, software-driven enterprise features for which Nutanix is well known but is delivered on one of the NX-1000 family appliances. The 2U form factor is perfect for small-scale VDI projects, local applications and branch office services, including file and print services, DHCP and DNS, Active Directory services and virtual branch services such as Firewalls, ADCs or WAN optimization appliances.

## Integrate Data Protection without Compromising Complexity or Cost

The Nutanix Virtual Computing Platform offers an integrated solution for local on-site backups and replication for central backup and disaster recovery. The powerful Nutanix Time Stream capability allows unlimited VMCaliber snapshots to be created on a local cluster for faster RPO and RTO.

By mixing capacity-rich NX-6000 series nodes in a central location with NX-1000 series nodes deployed across various remote locations, customers can economically keep multiple snapshots on their production clusters and rapidly restore state when required. Using Prism, customers can schedule local snapshots and replication tasks, and control retention policies on an individual snapshot basis. An intuitive snapshot browser allows customers to quickly see local and remote snapshots and restore or retrieve a saved snapshot or a specific VM within a snapshot with a single click. Snapshots are differential and de-duplicated, hence backup and recovery is automatically optimized, allowing DR and remote backups to be completed efficiently, for different environments including those running vSphere or Hyper-V.

RETAIL STORE

BRANCH OFFICE

CENTRAL SITE

REMOTE OFFICE

BRANCH OFFICE

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### About Nutanix
Nutanix delivers web-scale IT infrastructure to medium and large enterprises with its software-driven Virtual Computing Platform, natively converging compute and storage into a single solution to drive unprecedented simplicity in the datacenter. Customers can start with a few servers and scale to thousands, with predictable performance and economics. With a patented elastic data fabric and consumer-grade management, Nutanix is the blueprint for application-optimized and policy-driven infrastructure. Learn more at www.nutanix.com or follow up on Twitter @nutanix.

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