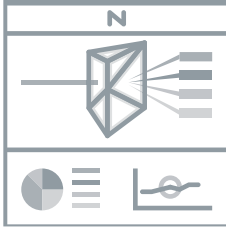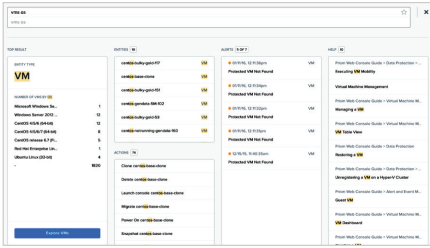# Nutanix Prism

Enterprise clouds require machine intelligence and automation to simplify complex operations from many clicks to a single click, and eventually from a single click to zero-touch management.

Nutanix Prism is an end-to-end consumer-grade management solution for virtualized datacenter environments that brings unprecedented simplicity by combining several aspects of administration and reporting. Powered by advanced machine learning technology, Prism can mine large volumes of system data to automate common tasks and generate actionable insights for optimizing virtualization, infrastructure management and everyday operations.

Prism has been designed ground-up for an uncluttered, yet rich experience and provides an intuitive user interface to simplify and streamline common datacenter workflows, eliminating the need to have disparate management solutions for different tasks.
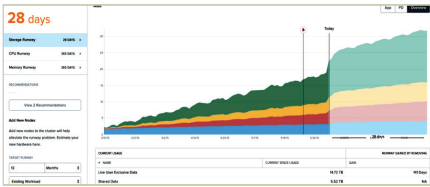
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ONE-CLICK INFRASTRUCTURE MANAGEMENT

Prism manages the entire stack from the storage and compute infrastructure all the way up to virtual machines (VMs)

› **Cluster Management:** Streamlined deployment, maintenance and scaling of hosts with a single click
› **Virtual Network Management:** Simplified set-up and management of virtual networking for hosts and virtual machines
› **VM Management:** End-to-end VM lifecycle management, from creation and initial placement, to high availability and migration
› **Storage Management:** Intuitive VM-centric control of storage services
› **Prism Self Service:** Frictionless access to infrastructure resources
› **Network Visualization:** VM-centric operational view of the network

ONE-CLICK OPERATIONAL INSIGHTS

Prism's advanced machine learning technology provides one-click insight for detailed infrastructure trending, analysis and optimization, simplifying routine operational tasks.

› **Prism Search:** Integrated Google-like search experience to query and perform actions with a single click
› **Customizable Operations Dashboard**: Visually rich dashboards that give actionable summary of applications, virtual machines and infrastructure state at-a-glance
› **Proactive Alert Analysis:** Proactive analysis and grouping/isolation of information to display relevant and actionable alerts

ONE-CLICK PLANNING

Prism includes a powerful application and VM-centric capacity planning engine that is powered by Nutanix's patent-pending X-Fit technology

› **Capacity Behavior Analytics:** Predictive analysis of capacity usage and trends based on workload behavior enabling pay-as-you-grow scaling
› **Capacity Optimization Advisor:** Infrastructure optimization recommendations to improve efficiency and performance
› **Just In Time Forecast:** Capacity expansion forecast to meet future workload growth

Prism is available in two editions – **Prism Starter** and **Prism Pro**. Prism Starter is included with every edition of Acropolis for single and multiple site management. Prism Pro is available as an add-on subscription.

PRISM EDITIONS	Starter	Pro
One-Click Infrastructure Management		
Single Site Management	✓	✓
Multi Site Management	✓	✓
Network Visualization	✓	✓
Prism Self Service	✓	✓
One-Click Operational Insights		
Prism Search		✓
Customizable Dashboard		✓
One-Click Planning		
Capacity behavior analytics		✓
Expansion recommendation		✓
Efficiency evaluation		✓
Just In Time Forecast		✓

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