

Vistara Lifecycle Management for EMC® VNX® and VNXe®

Product Data Sheet

EMC VNX and VNXe are high-performance, cost-effective storage solutions that deliver enterprise-class storage functionality and provide a solid foundation for implementing private cloud solutions. Vistara Lifecycle Management provides robust management support for VNX and VNXe storage solutions and delivers unified management of an enterprise's infrastructure to provide a single pane of glass view for unified IT lifecycle management.

Vistara for VNX and VNXe capabilities include:

- Storage Pool Monitoring
- NFS Mount Publishing
- Disk Availability
- Volume Utilization
- LUN Publishing
- Storage Performance

Vistara and VNX/VNXe Benefits

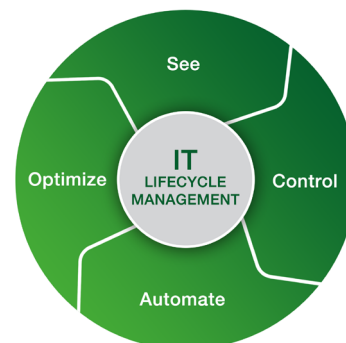
Realize the full benefit of VNX/VNXe storage solutions with Vistara Lifecycle Management.

- **Deliver private clouds faster** by unifying management of storage, networking, and compute, and virtualization layers with a solution that works right away.
- **Simplify your environment** with a single, unified dashboard to manage all IT elements.
- **Gain speed** to deploy new services and production environments and speed time to resolve issues.



Vistara Lifecycle Management

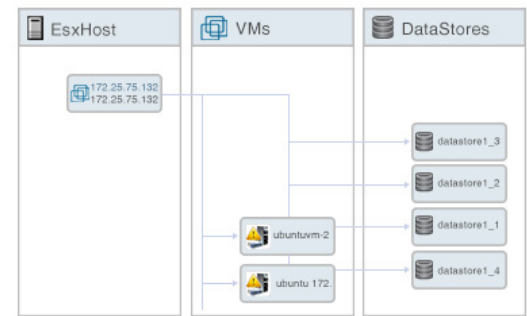
Vistara integrates management of VNX and VNXe storage solutions into the rest of your distributed IT environment. Monitor and manage VNX and VNXe storage solutions as the foundation for a private cloud using Vistara Lifecycle Management.



Why Vistara Lifecycle Management and VNX/VNXe

Vistara enables enterprises to quickly begin managing their VNX and VNXe storage solutions within their IT operations by unifying service delivery across all elements of their IT infrastructure.

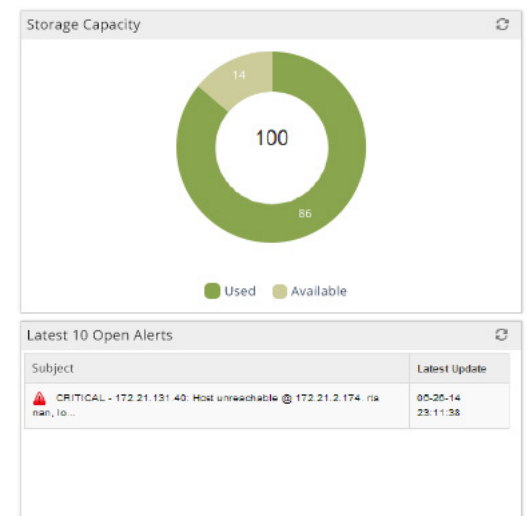
- Heads-up dashboard gives access at a glance to key VNX and VNXe metrics.
- Comprehensive support for IT Operations management within a single intuitive solution.
- Alert management enables IT administrators to quickly distinguish signal from noise and identify root causes of issues.
- Runbook automations handle common events and enable administrators to focus their attention on novel problems.
- Network dependency map shows dependencies of ESX Hosts on virtual machines and storage solutions to speed troubleshooting.
- Secure session recording provides complete record of all administrator actions to enable audit compliance.
- On-demand end-of-month reporting to simplify charge back and help businesses get the best return on their investment



VNX/VNXe Heads-Up Dashboard

Administrators need instant access to critical metrics to ensure high availability and rapid resolution of issues. Vistara Lifecycle Management's heads-up dashboard provides a view at a glance to the most critical VNX/VNXe metrics including:

- Storage Capacity
- Latest Open Alerts
- Most Active Storage Pools for NAS, SAN, and RAID Groups
- Most Active File Systems
- Top 5 LUNs



Native API Integrations for Robust VNX/VNXe Management Support

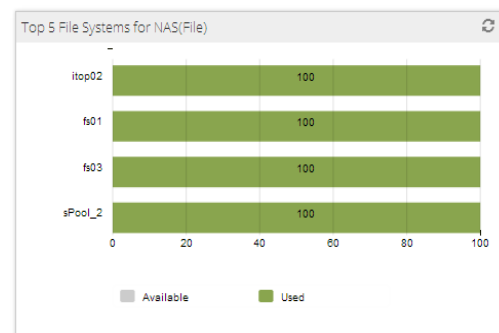
Unlike many tools that are limited to management through standard protocols like SNMP, Vistara Lifecycle Management features native API integrations with VNX and VNXe to provide the tightest possible integration, management, and control.

Vistara Lifecycle Management native API integrations include:

- EMC VNX, VNXe
- Brocade VDX
- Cisco Nexus and UCS
- Microsoft SCOM
- VMware Virtual Center

A Solid Foundation for Private Cloud Solutions

VNX and VNXe are flexible data storage assets that are a perfect fit for creating a private cloud. Enterprises are increasingly using VNX and VNXe storage solution as a foundation for building private cloud solutions. Vistara Lifecycle Management integrates management of VNX and VNXe storage solutions into the rest of your distributed infrastructure to ease the management of private clouds, providing key management capabilities including:



- Unified monitoring and alerts
- Integrated incident and problem management
- Secure session recording
- Guest OS patch management
- Application correlation
- Guest host to ESX correlation
- Network mapping
- Server mapping
- Resource utilization
- Automated reporting
- Role based access control
- Federated cloud management

Solid Foundation for VSPEX Implementations

Many VNX and VNXe customers are choosing to implement private clouds using VSPEX proven infrastructure solutions to speed development and simplify management. Vistara Lifecycle Management goes beyond VNX and VNXe to manage entire VSPEX proven infrastructure solutions with native API integrations and built-in support for managing the entire VSPEX stack including Brocade VDX, Cisco Nexus and UCS, Microsoft SCOM, and VMware Virtual Center.



Validated Solution for Proven Results

Vistara has been validated by EMC Labs as a management solution for VNX and VNXe storage solutions. Vistara was also the first SaaS solution to be validated by EMC Labs as a management solution for VSPEX Proven Infrastructure solutions.



Vistara and EMC: A Strong Partnership for Customer Success

Vistara is an Advantage partner in the EMC Business Partner Program for Technology Connect Partners. EMC awarded Vistara its 2014 EMC Technology Connect VSPEX Most Valuable Partner Award.

About EMC

EMC Corporation is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect and analyze their most valuable asset in a more agile, trusted and cost-efficient way. Additional information about EMC can be found at www.EMC.com



About Vistara

Vistara provides a comprehensive SaaS solution for modern IT operations management. Vistara Lifecycle Management empowers enterprise IT to see across the entire IT infrastructure, control all elements, automate management, and optimize availability, performance and capacity. It's currently used by over 1000 customers to drive unified IT operations from a single pane of glass.



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For a demo or more
information, contact our team:

1-855-847-8272 | sales@vistarait.com
www.vistarait.com