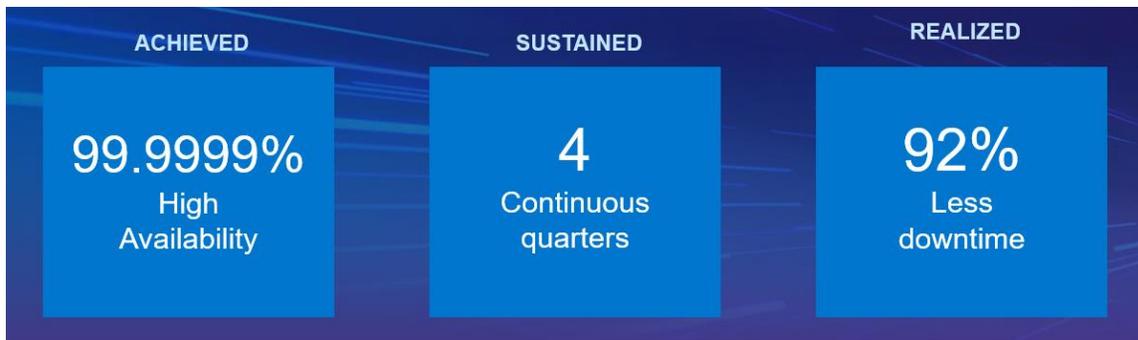


Dell EMC VxRail Delivers 6x9s High Availability

VxRail Maturity and Reliability Ensure Smooth Operations

A high level of availability for your IT infrastructure is crucial in today's world for a multitude of reasons: business continuity, employee productivity, customer satisfaction, revenue opportunity, and competitive advantage. While the concept of high availability is simple, achieving it can be a complex and constantly evolving process. The more components and integration points involved in your infrastructure, the more opportunities there are for a downtime incident.

However, VxRail has achieved something that many cannot: 99.9999% high availability¹ at the node level sustained over four consecutive quarters resulting in customers reporting 92% less downtime than their previous environment².



VxRail is a fully integrated, pre-configured and pre-tested VMware hyperconverged infrastructure delivering virtualization, compute and storage all in one system. That means all of those hardware and software components and integration points, individually and combined, offer 6x9's of high availability.

Achieving 99.9999% uptime demonstrates how VxRail is greater than the sum of its parts. This impressive feat is a result of a strategically designed, fully validated, and purpose-built automated HCI system based on the following:

- Curated PowerEdge-based configurations
 - Of the thousands of PowerEdge configurations available, VxRail only selects configurations with specific redundancy (PSUs), thermal constraints and power requirements to ensure maximum uptime
 - All VxRail configurations meet or exceed VMware vSphere and vSAN requirements bypassing the need to research, test, and validate each customer configuration
- Intelligent lifecycle management
 - VxRail ensures continually validated states with single-click, non-disruptive upgrades across the fully integrated hardware and software stack.
 - VxRail determines the optimum sequence of component updates based on node configurations and bundles together the latest ESXi release with the latest firmware and drivers to ensure all work seamlessly together

It is this value-add, designing VxRail with the highest level of availability in mind, that ensures maximum uptime for the entire integrated stack.

¹ Based on Dell Technologies field performance (July 2020). AD# G20000255

² IDC White Paper: The Business Value of Dell EMC VxRail and VMware Cloud Foundation on Dell EMC VxRail. November 2020



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