



## Solution Brief

# Dell VMware Virtual SAN Power Bundles

## Maximize Investments with Hyper-Converged Solutions from Dell and VMware

Dell Power Bundles accelerate your Software-Defined Data Center journey by streamlining the deployment and ongoing management of the entire solution.

### Dell VMware® Virtual SAN™ (VSAN) Overview:

What if you could adopt a software-defined approach to your infrastructure, and optimize IT automation and management without sacrificing performance and availability?

New applications are producing more data than ever, challenging enterprises to adopt a simpler, more streamlined and cost-effective approach to storage. With Dell and VMware your organization can:

- Reduce capital and operating expenses, now and in the future
- Respond swiftly to dynamic technology and market conditions
- Meet the demand of changing workloads and business requirements

### Dell VSAN Ready Node Overview:

### Solution Summary:

- **Essential** – Entry point for customers who are refreshing hardware and have lower compute and/or storage requirements.
- **Expanded** – Next level up from essential that offers additional storage capacity.
- **Enhanced** – Converged approach enables modular computing that requires 77% less rack space, 1/3 less power, and 80% less cabling with integrated networking.

### Single call support – 24/7 global support for all hardware and software



Validated server configurations jointly recommended by VMware and Dell

Complete with the prescribed:

- Memory
- Solid-state drive (SSD)
- Hard disk drive (HDD)
- Controller
- Networking
- Each server pre-loaded with vSphere Hypervisor<sup>1</sup>



Easy to order and faster time-to-market

- Validate configuration is per Ready Node<sup>2</sup>
- Can be quoted/ordered as-is
- Can be customized (always use certified VSAN components on ["Compatibility Guide Page"](#))



Benefit of choices

- Select from Dell portfolio options
- Choose the Ready Node Profile based on your workload

## Power Bundle Overview:

- Dual Purpose VSAN Ready Node – compute and storage without having to make a dedicated investment in external VSAN infrastructure
  - Disaster recovery
  - Staging and test development
- Purpose-built or dedicated VSAN Ready Nodes can satisfy demanding workloads
  - Virtual desktop infrastructure
  - Business-critical applications (e.g., Microsoft Exchange, Microsoft SQL Server, SAP, and Oracle)

Power Bundle	Essential	Expanded	Enhanced
Raw capacity (3 node cluster)	15 TB	21.6 TB	86.4 TB
Hypervisor + management	VMware vSphere with Operations Management	VMware vSphere with Operations Management	VMware vSphere with Operations Management
Management integration	Open Manage Integration for VMware vCenter	Open Manage Integration for VMware vCenter	Open Manage Integration for VMware vCenter
Dell VSAN Ready Node*	PowerEdge R630/HY-2 Series	PowerEdge R730xd/HY-6 Series	PowerEdge FX2 FC630/AF-6 Series
Network	N-Series/N4000 Switches	N-Series/N4000 Switches	N-Series/N4000 Switches
Support	Single call support via 24x7 Dell ProSupport	Single call support via 24x7 Dell ProSupport	Single call support via 24x7 Dell ProSupport

\* Additional Dell VSAN Ready Node configurations are available

- **Matches VMware profiles exactly** – Eliminates guesswork
- **Scales from three to 64 nodes** – Simply add as needed
- **Simplifies data center operations** – Plug-and-play converged appliance with familiar management tools for VMware administrators

## The Value of the Dell and VMware Partnership:

The Dell and VMware partnership has resulted in innovation that has transformed IT for the better part of two decades. We deliver solutions that solve customer challenges through tightly aligned strategies, joint engineering and exceptional customer experience. Together, our solutions deliver better outcomes for our customers.

<sup>1</sup> ESXi installed on SD cards for maximum local storage utilization

<sup>2</sup> For the latest updated list see [VMware Virtual SAN Ready Nodes](#)

