Carahsoft Expands Support for GSA's Category Management Initiatives With the Addition of Dell EMC VxRail Starter Kit Solutions to Its GSA Schedule 70 Contract

Solution Provided By:

Account Manager Name:

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The Dell EMC VxRail™ Appliance, jointly developed by Dell EMC and VMware, is the only fully integrated, pre-configured, and tested hyper-converged infrastructure (HCI) appliance and is a fundamental building block of the modern data center. VxRail provides existing VMware customers an experience with which they are already familiar and is available in either hybrid or flash storage configurations to meet mission needs of all clients.

Carahsoft has recently added Dell EMC VxRail to its GSA Schedule 70 contract. Federal agencies will now be able to leverage Dell EMC VxRail to address compliance requirements around the Federal Data Center Consolidation Initiative (FDCCI) and the Federal Information Technology Acquisition Reform Act (FITARA), including the Automation of Infrastructure Management initiative underneath FITARA. This is the sixth Category Management award Carahsoft has received from GSA.

As an initiative of the federal government to improve the procurement process by purchasing like a single enterprise, Category Management is an approach that enables the government to eliminate redundancies, increase efficiency, and deliver more value from acquisitions. To enable federal agencies to evaluate VxRail, the Dell EMC Category Management offer includes a one-time pilot discount. One Sub-Agency within each Parent Agency is eligible to acquire a VxRail Starter Kit Pilot Solution. Each Pilot SKU will have a one-time discount applied. Pilot pricing is limited to a quantity of one configuration per Parent Level Agency. Every purchase after the initial pilot phase will be priced at the GSA Start Kit level.

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The VxRail Starter Kits allow you to start small and grow on demand by serving as a building block for your infrastructure needs and a path to a SDDC. This proposal describes VxRail Starter Kits designed for the most common use cases, ranging from small to large deployments for each of our appliances. Please review the specifications below and reach out to your Dell EMC account executive if there are any further questions.

Both versions come loaded with the following additional software capabilities at no additional charge:

- **RecoverPoint for VMs** provides replication, data protection, and advanced disaster recovery.

- **VMware vSphere Data Protection (VDP)** is a backup and recovery solution designed for vSphere environments.

  ◦ It is powered by Dell EMC Avamar and provides agentless, image-level virtual-machine backups to disk.

- **EMC CloudArray** seamlessly extends storage capacity from the appliance, with scalable cloud-based storage to the public cloud.

  ◦ Commercial or FedRAMP certified cloud service provider partners available upon request.

Key Capabilities:

- **Accelerate with automation** – Cost-saving by automating more than 200 tasks and increasing operational efficiency by spending less time on software and hardware life-cycle management.

- **Flexibility and Choice** – Flexible configuration with purpose-built appliances that are designed to address any use case, including big data, analytics, 2D/3D visualization, or mixed workload virtualized applications.

- **Single Support Channel** - One number to call for hardware and software support.

- **VMware Validated Design (VVD)** – More easily architect, implement, and operate a complete SDDC faster and with less risk.

VxRail Starter Kits – E-Series										
E Series – Entry level, cost-effective IaaS appliances for small or remote site (tactical or expeditionary) deployments. Low-profile with one node per 1U chassis. Available in all-flash or hybrid configurations.										
Name	Number of Nodes	Appliance Model	Disk Type	Total Cores	Total Memory (GB)	Raw Storage (TB)	Useable Storage (TB)	# of VMs	Use Case	Estimated Pricing
E-Series Small	4	E560	Hybrid	32	384	14.4	7.2	72	SMB, ROBO	$72,678.60
E-Series Large	4	E460F	All Flash	128	1536	30	17.25	168	VDI, Cloud, High Performance DB	$197,805.00

Per Node Specifications			
Processor Options	RAM	Network Options	Use Case Estimated Pricing
Single or Dual socket, up to 20 cores/CPU	Up to 3,072 GB RAM	4 x 10 GbE 4 x 1 GbE Optional: Up to 6 x 10 GbE	10 x 12G SAS Drive Slots (2.5") Max Capacity: 30.7 TB SSD or 16 TB HDD

• VM sizing assumes a VM is 2vCPU, 4 GB RAM, 60 GB VMDK, 4vCPU/Core, FTT=1

• Bundles inclusive of 36 month Enhanced Support (24x7xNDB), 36 month Parts Retention

• Customer may use existing VMware ELA; VMware vSphere licensing excluded

• All Flash Configurations requires 10 GbE (SFP+ or RJ45); please specify network connection type when ordering

• PS & Implementation costs estimated for remote configuration; PS for customers requiring onsite configuration (cleared resources, inaccessible networks, etc) requires custom scoped services

• 5 RecoverPoint for VM licenses per appliance included

Entry Level

VxRail Starter Kits – V-Series

V-Series – VDI-optimized graphics ready appliances with support for up to 2 graphics accelerators for specialized use cases such as high-end 2D/3D visualization. Each appliance has one node per 2U chassis. Available in all-flash or hybrid configurations. The V-Series contains the capability to add up to 2 PCIe GPUs.

Name	Number of Nodes	Appliance Model	Disk Type	Total Cores	Total Memory (GB)	Raw Storage (TB)	Useable Storage (TB)	# of VMs	Use Case	Estimated Pricing
V-Series Small	4	S570	Hybrid	160	768	14.4	7.2	150	SMB, ROBO	$156,035.28
V-Series Large	4	S570F	All Flash	144	1536	30.8	17.25	200	VDI, Cloud, High Performance DB	$211,154.40

Per Node Specifications

Processor Options	RAM	Network Options	Use Case Estimated Pricing
Dual socket only, up to 20 cores/CPU	Up to 3,072 GB RAM	4 x 10 GbE Optional: Up to 6 x 10 GbE	16 x 12G SAS Drive Slots (2.5") Max Capacity: 46 TB SSD or 24 TB HDD

- VM sizing assumes a VM is 2vCPU, 4 GB RAM, 60 GB VMDK, 4vCPU/Core, FTT=1
- Bundles inclusive of 36 month Enhanced Support (24x7xNDB), 36 month Parts Retention
- Customer may use existing VMware ELA, VMware vSphere licensing excluded
- All Flash Configurations require 10 GbE (SFP+ or RJ45); please specify network connection type when ordering
- PS & Implementation costs estimated for remote configuration; PS for customers requiring onsite configuration (cleared resources, inaccessible networks, etc) requires custom scoped services
- 5 RecoverPoint for VM licenses per appliance included
- Customers must obtain and configure GPU software and drivers
- vCPU requires vSphere Enterprise +

VDI Optimized

VxRail Starter Kits – S-Series

S-Series – Storage dense appliances, capacity-optimized for demanding applications such as virtualized Microsoft SharePoint, Microsoft Exchange, big data, and analytics. Each appliance has one node per 2U chassis. Available in hybrid storage configurations only.

Name	Number of Nodes	Appliance Model	Disk Type	Total Cores	Total Memory (GB)	Raw Storage (TB)	Useable Storage (TB)	# of VMs	Use Case	Estimated Pricing
S-Series Small	4	S570	Hybrid	24	384	48	24	48	SMB, ROBO	$86,553.60
S-Series Large	4	S570F	Hybrid	64	768	64	32	125	Cloud, Capacity	$120,510.72

Per Node Specifications

Processor Options	RAM	Network Options	Drives
Single dual socket, up to 18 cores/CPU	Up to 1,536 GB RAM	4 x 10 GbE 4 x 1 GbE Optional: Up to 6 x 10 GbE	12 x 3.5" + 2 x 2.5" 12G SAS Drive Slots (2.5") Max Capacity: 48 TB HDD

• VM sizing assumes a VM is 2vCPU, 4 GB RAM, 60 GB VMDK, 4vCPU/Core, FTT=1

• Bundles inclusive of 36 month Enhanced Support (24x7xNDB), 36 month Parts Retention

• Customer may use existing VMware ELA, VMware vSphere licensing excluded

• All Flash Configurations requires 10 GbE (SFP+ or RJ45); please specify network connection type when ordering

• PS & Implementation costs estimated for remote configuration; PS for customers requiring onsite configuration (cleared resources, inaccessible networks, etc) requires custom scoped services

• 5 RecoverPoint for VM licenses per appliance included

Capacity Optimized

VxRail Starter Kits – P-Series

P-Series – Storage dense appliances capacity-optimized for demanding applications such as virtualized Microsoft SharePoint, Microsoft Exchange, big data, and analytics. Each appliance has one node per 2U chassis. Available in hybrid configurations only.

Name	Number of Nodes	Appliance Model	Disk Type	Total Cores	Total Memory (GB)	Raw Storage (TB)	Useable Storage (TB)	# of VMs	Use Case	Estimated Pricing
P-Series Small	4	S570	Hybrid	32	768	14.4	7.2	64	SMB, ROBO	$98,847.96
P-Series Large	4	S570F	All Flash	144	1536	46.8	23.4	178	VDI, Cloud, High Performance DB	$224,852.40

Per Node Specifications

Processor Options	RAM	Network Options	Drives
Dual socket, up to 22 cores/ CPU	Up to 1,536 GB RAM	4 x 10 GbE Optional: Up to 6 x 10 GbE	16 x 12G SAS Drive Slots (2.5") Max Capacity: 24 TB HDD

• VM sizing assumes a VM is 2vCPU, 4 GB RAM, 60 GB VMDK, 4vCPU/Core, FTT=1

• Bundles inclusive of 36 month Enhanced Support (24x7xNDB), 36 month Parts Retention

• Customer may use existing VMware ELA, VMware vSphere licensing excluded

• All Flash Configurations requires 10 GbE (SFP+ or RJ45); please specify network connection type when ordering

• PS & Implementation costs estimated for remote configuration; PS for customers requiring onsite configuration (cleared resources, inaccessible networks, etc) requires custom scoped services

• 5 RecoverPoint for VM licenses per appliance included

Performace Optimized