

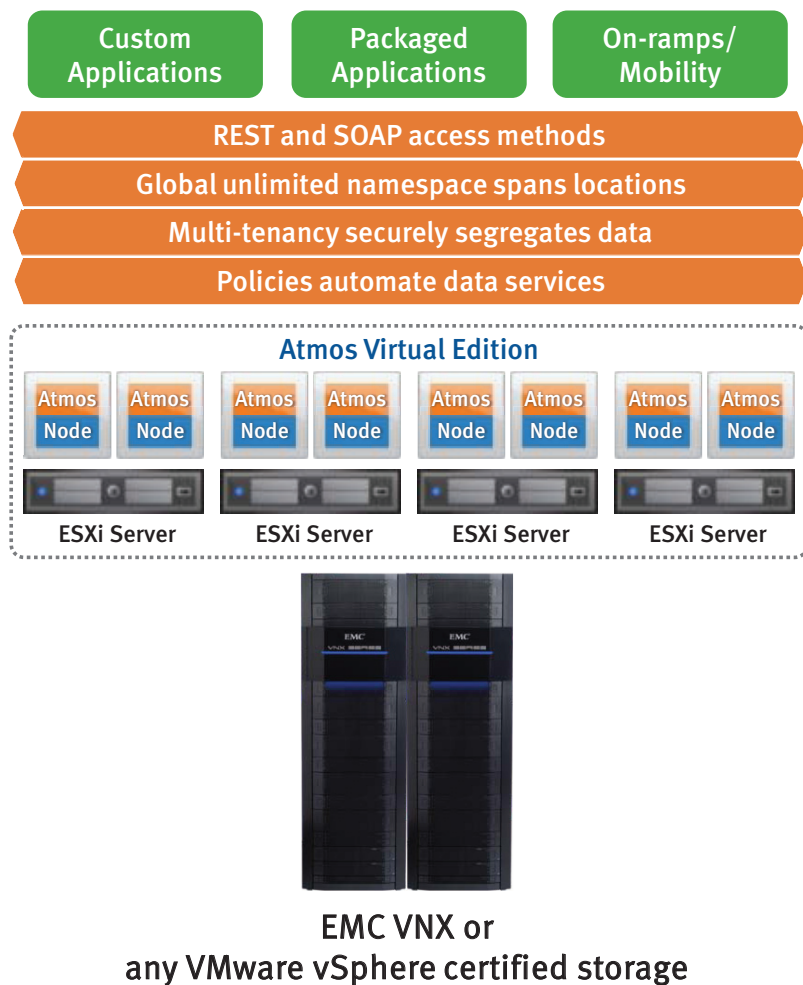
# EMC ATMOS VIRTUAL EDITION

## VMware-based, cloud-optimized storage software

### ESSENTIALS

- Support new, content-rich applications with easy-to-adopt APIs
- Give application developers instant access to storage with minimal IT provisioning and process
- Scale elastically with non-disruptive expansion
- Reduce management overhead by directing data protection, distribution, and efficiency by policy
- Extend EMC storage or other VMware vSphere certified storage to address new applications and support multi-tenancy

“Starting small” is easy; there’s no need to bring in new infrastructure. EMC® Atmos™ Virtual Edition provides the same cloud storage capabilities as Atmos with the added flexibility of supporting nearly any storage environment through virtualization. Atmos VE can extend existing or new EMC storage, or any VMware® vSphere™ certified storage, to help IT administrators manage explosive content growth, while enabling applications to access and manage storage resources in a whole new way.



## SPECIFICATIONS

	Base Configuration	Options
<b>VM Configuration</b>	<ul style="list-style-type: none"> <li>• Minimum of two VMs</li> <li>• 8 GB–12 GB RAM per VM</li> <li>• 2 vCPUs per VM</li> <li>• 2 vNic per VM</li> <li>• DRS/vMotion</li> <li>• VMware vSphere HCL approved HW</li> <li>• Supports shared infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>• 12 GB–24 GB RAM per VM</li> <li>• Dual quad CPU per ESXi</li> <li>• 10 GbE</li> </ul>
<b>Supported Underlying Storage Protocols</b>	Fibre Channel, NFS, iSCSI, and FCoE	
<b>EMC Storage</b>	EMC VNX™, EMC Symmetrix®, EMC Celerra®, and EMC CLARiiON®	
<b>Access methods</b>	REST and SOAP	
<b>Metadata Drive to Data Drive Ratio</b>	1:14	Any Atmos supported ratio
<b>Number of vDisks</b>	Up to 30	RDMS (raw device mappings)
<b>vDisk Size</b>	100 GB to 2 TB	200 GB, 500 GB, 1 TB, and 2 TB
<b>Number of Sites</b>	1	1 or 2 (>2 supported with qualification)

## OTHER SPECIFICATIONS

- Guest OS should support 64-bit configuration
- Each VM corresponds to an Atmos node; all VMs should share the same configuration
- Maximum Atmos virtual nodes supported per site is 32
- Maximum capacity per virtual node is 30 TB
- Maximum capacity per location is 960 TB
- Hybrid (mixed physical Atmos and Atmos Virtual Edition) supported with qualification
- When using EMC storage systems such as the EMC VNX series, it is recommended to use the EMC Virtual Storage Integrator (VSI) for VMware vSphere to provision and manage the storage for Atmos VE

### CONTACT US

Discover how EMC Atmos Virtual Edition can help you manage your growing content needs. To learn more, contact your local EMC sales representative, call us at 1-866-464-7381, or visit our website at [www.EMC.com/atmos](http://www.EMC.com/atmos).

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