Pre-requisites for DDVE environment

Hypervisor requirements

- VMware ESXi 5.5, 6.0, 6.5
- Windows Server 2012 R2 for Microsoft Hyper-V, Windows 2016
- AWS or Azure environments (New in 3.1)
- KVM Linux distributions from Ubuntu, RedHat, SUSE, and CentOS

The following level of resources will be needed based on the storage capacity

VMware, Hyper-V and KVM

Virtual Hardware	DDVE configuration						
	4TB	8TB	16TB	32TB	48TB	64TB	96TB
vCPU	2	2	4	4	4	8	8
Memory Size	6GB	8GB	16GB	24GB	36GB	48GB	64GB
CPU	At least 1.5GHz per core						
System disks	One 250 GB root disk and 10 GB vNVRAM disk						
vNVRAM simulation file size	512MB	512MB	512MB	1GB	1GB	1GB	2GB
	Configurations with Cloud Tier support has the same vNVRAM size as the corresponding ones without Cloud Tier						
Network Card	Up to 8 Network Adapters						
SCSI controller	For Hyper-V and ESX: Up to 4 SCSI controllers						
	For KVM: Virtio SCSI						

- Note that DDVE configuration with Cloud Tier will be different. Please check the install guide for the configuration details.

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Pre-requisites for DDVE environment in AWS and Azure

AWS

1: AWS account with access to a commercial region in AWS

2: Resource requirement for DDVE in AWS

Instance type	M5.xlarge	M5.2xlarge	M5.4xlarge
CPU	4	8	16
Memory (GiB)	16	32	64
System Disk	EBS-Only	EBS-Only	EBS-Only
Network Bandwidth (Gbps)	Up to 10	Up to 10	Up to 10
Maximum File System Capacity	16	32	96

Azure

1: Azure account with access to a commercial cloud region in Azure

2: Resource requirement for DDVE in Azure

Configuration	Instance Type	Block Storage Volumes			Object Storage Capacity	Network Interface
		Root Disk	NVRAM Disk	Data Disk		
16TB	Standard_F8	Standard/ 250GB	Standard/ 10GB	Standard (1 - 2TB)	0-16TB	Default = 1
32TB	Standard_ D4_V2	Standard/ 250GB	Standard/ 10GB	Standard (1 - 4TB)	0-32TB	
96TB	Standard_ D16_V3	Standard/ 250GB	Standard/ 10GB	Standard (1 - 10TB)	0-96TB	

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