

Actifio Sky™ Specifications

Specifications Summary

User Interface	<ul style="list-style-type: none"> Actifio Global Manager Actifio Desktop Actifio Sky CLI Actifio Foresight RESTful API Actifio Report Manager Plugin for vSphere Web Client
Software	Actifio Virtual Data Pipeline 7.0
Platform	<ul style="list-style-type: none"> Copy data virtualization for applications, databases, physical and virtual servers Delivered as an OVA, VHD, AMI, or as an image from other cloud marketplaces Hypervisors: vSphere 5.1+, Microsoft Hyper-V on Windows 2008 R2, 2012, 2012 R2 Clouds: Amazon EC2, Google Cloud Platform, IBM Softlayer Bare Metal Microsoft, Azure, and Oracle Cloud Server and Storage: <ul style="list-style-type: none"> VMware—reference VMware Compatibility Guide: http://www.vmware.com/resources/compatibility/search.php Microsoft Server 2008 R2, 2012, or 2012 R2 compatible infrastructure

Actifio Sky in a Public Cloud

	SKY SIZE		
	Sky 60	Sky 120	Sky 200
Front end data protected	60TB	120TB	200TB
Hardware Configuration			
CPU without encryption	4	6	8
CPU with encryption	6	8	10
Memory	16GB	32GB	48GB
AWS Machine Type ¹	M4.XLarge, M4.2XLarge (Encryption)	M4.2XLarge	M4.4XLarge
Azure	See table below		
Oracle Cloud ¹	OC5	OC6	OC6
Google Cloud ¹	Customize and Allocate the Exact CPU and Memory Required.		
Supported Cloud Object Storage	Amazon S3, Google Nearline and Coldline, Microsoft Azure Blob and Wasabi		
Supported On-Premises Object Storage	All S3 compliant object storage systems		
Actifio Configuration			
Min allocated primary pool	400 GB		
Min allocated performance pool	10 GB		
Max Number of Snap Pools / Sky	16	16	16
# Fan-in	50:1	50:1	50:1
vDisks ²	10,000	10,000	10,000
Maximum stored capacity	1 Petabyte		

¹ Sky instances can scale to larger configurations as data grows

² A vDisk is consumed for each full or virtual copy of a volume in a system

Actifio Sky in Microsoft Azure

	AZURE MODEL 1	AZURE MODEL 2	AZURE MODEL 3
MDL	18TB	45TB	90TB
Stored TB	24TB	64TB	128TB
vCPU	DS3 V2	DS4 V2	DS5 V2

The sizing assumes 7 dailies and 4 weeklies, and 1 week retention in the snap pool with rest of the data retained in Azure Blob storage

Actifio Sky Version Specifications and Requirements

	DEDUP CAPACITY				
	1 TB	5 TB	10 TB	30 TB	50 TB
vdisks	1000	1000	1000	3000	5000
CPU without encryption at rest	1	2	4	8	12
CPU with encryption at rest	2	4	6	10	15
Memory	6 GB	10 GB	16 GB	48 GB	72 GB
SSD required for Dedup Index	11 GB, optional	52 GB, optional	103 GB, optional	308 GB	512 GB
Min allocated primary pool	400 GB				
Min allocated performance pool	10 GB				
Min allocated dedup pool	1 TB/100 GB*				
Storage	Any Storage which matches performance profile: 35 random reads per second per TB with 64KB read size, 10 random write per second per TB with 64 KB write size				
Number of SLAs	Unlimited				
# fan-in (not enforced)	1:1	5:1	10:1	50:1	50:1
AWS Machine Type	M3.XLarge	M3.XLarge	C4.2XLarge	M4.4XLarge	R3.4XLarge
Microsoft Azure Compute	N/A	D3_v2 / DS3_v2**	D4_v2 / DS4_v2**	D5_v2 / DS5_v2**	N/A
Oracle Cloud Shape	OC4	OC5	OC6	OC7	OC7

*For Azure and Oracle Cloud deployments only, the min. dedup pool can be 100 GB.

**Azure VM disk/storage limits may shape your desired configuration. Please consult your Actifio Solution Architect for sizing your specific solution.

For more information on how Actifio can help you build higher quality applications faster, improve business resiliency and availability and enable your enterprise hybrid cloud, please visit actifio.com