

Actifio Sky[™] Specifications

Specifications Summary

Software	Actifio Sky 10c
Platform	<ul style="list-style-type: none"> • Copy data virtualization for applications, databases, physical and virtual servers • Delivered as an OVA, VHD, AML, or as an image from other cloud marketplaces • Hypervisors: <ul style="list-style-type: none"> • VMware: vSphere 5.x/6.0/6.5/6.7 • Hyper-V: Windows 2008 R2, 2012, 2012 R2, 2016, 2019 • Supported On-Premises Object Storage: All S3 compliant object storage systems • Clouds: AWS; Microsoft Azure; Google Cloud; Alibaba Cloud; Oracle Cloud; IBM Softlayer¹ • Supported Cloud Object Storage: AWS S3/S3 IAS; Google Cloud Nearline/Coldline; Microsoft Azure Blob; IBM Cloud Object Storage (COS); Oracle Cloud; Alibaba; Wasabi • Support Matrix: https://www.actifio.com/support_matrix

1. Running in supported hypervisor on bare metal

Actifio Sky Version Specifications and Requirements – No Dedup

	SKY SIZE		
	Sky 60	Sky 120	Sky 200
Front end data protected	60 TB	120 TB	200 TB
Hardware Configuration			
CPU without encryption	4	6	8
CPU with encryption	6	8	10
Memory	16 GB	32 GB	48 GB
# fan-in	50:1	50:1	50:1
vDisks ²	10,000	10,000	10,000
Cloud Compute Sizing			
AWS ³	m5.2xlarge	m5.2xlarge	m5.4xlarge
Microsoft Azure ³	D4s v3	D8s v3	D16s v3
Google Cloud ³	n2-standard-4	n2-standard-8	n2-standard-16
Actifio Configuration			
Min allocated primary pool	200 GB		
Min allocated performance pool	10 GB		
Max Number of Snap Pools / Sky	16	16	16
Maximum stored capacity	1 Petabyte		

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

3. Sky instances can scale to larger configurations as data grows

Actifio Sky Version Specifications and Requirements - Dedup

	DEDUP CAPACITY					
Front End Data Protected	1 TB	5 TB	10 TB	30 TB	50 TB	128 TB
Hardware Configuration						
CPU without encryption	1	2	4	8	12	12
CPU with encryption	2	4	6	10	15	15
Memory	6 GB	10 GB	16 GB	48 GB	72 GB	150 TB
# fan-in (not enforced)	1:1	5:1	10:1	50:1	50:1	50:1
vDisks	1000	1000	1000	3000	5000	5000
SSD required for dedup index	11 GB, optional	52 GB, optional	103 GB, optional	308 GB	512 GB	1 TB
Storage	Any Storage which matches performance profile: 35 random reads per second per TB with 64 KB read size, 10 random write per second per TB with 64 KB write size					
Cloud Compute Sizing						
AWS	m5.large	m5.xlarge	m5.2xlarge	m5.4xlarge	r5.8xlarge	r5.8xlarge
Microsoft Azure ⁴	D2s v3	D4s v3	D8s v3	D16s v3	D32s v3	D32s v3
Google Cloud	n2-standard-2	n2-standard-4	n2-standard-8	n2-standard-16	n2-standard-32	n2-standard-32
Actifio Configuration						
Min allocated primary pool	200 GB					
Min allocated performance pool	10 GB					
Min allocated dedup pool	100 GB					
Number of SLAs	Unlimited					

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

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