

KEY FEATURES

- Enterprise Software-Defined Storage Solution
- Vendor certified Boston building blocks
- Simple content management Multi-client capable administration
- Absolute data security and access control
- Automatic failover and recovery
- S3/HTTP access for every application, device and end user
end user - also directly accessible via NFS and SMB accessible
- On-premise and cloud storage in ongoing operation



BOSTON IGLOO-SWARM

SOFTWARE-DEFINED OBJECT STORAGE FOR ON-PREMISE AND PRIVATE CLOUD ENVIRONMENTS

Boston Igloo-Swarm is a software-defined on-premise object storage solution based on Swarm from DataCore that simplifies data management, storage and protection while providing S3/HTTP access for any application, device and end user. Swarm transforms your data archive into a flexible, instantly accessible content library that enables decentralised workflows, on-demand access and massive scalability.

The scalable platform can be continuously and non-disruptively expanded with additional Server and Igloo appliances. Automated infrastructure management allows an IT administrator to easily manage any number of petabytes via a web-based user interface and API. The scalable parallel architecture ensures that all servers can perform all functions and performance can be scaled linearly and managed across multiple sites and disparate devices.

Data is protected through encryption, access controls and integrity checks. In addition, backups of cold data can be created from Swarm to Wasabi, S3 Glacier and object-based cloud and tape storage solutions. Store, manage and protect your unstructured data on the Swarm hyperscale object storage platform appliances, which are of course DataCore certified and delivered turnkey.

LICENCE EXTENSION













- SIMPLE LICENSING BASED ON THE USABLE STORAGE CAPACITY FOR ALL YOUR SWARM INSTANCES
- LICENSING BY TERABYTE
- SCALING OF CAPACITY AS REQUIRED
- INCLUDING PREMIER SUPPORT 24X7 AND PRODUCT UPDATES



SYSTEM SPECIFICATIONS



OBJECT NODE TYPE	MANAGEMENT NODE	STORAGE NODE	STORAGE NODE
USABLE CAPACITY	6,4TB	192TB	384TB
FORMFACTOR	1 HE	1 HE	2 HE
DRIVES	4x 1.6TB NVMe	12x 16TB SATA	24x 16TB SATA
CPU PER SYSTEM	AMD EPYC™ 7302	2x Intel® Xeon® Silver 4216	
OPERATIONAL SYSTEM	Option		
MANAGEMENT	Supermicro Remote Management		
SUPPORT SERVICES	3 years warranty, 7x24/4h onsite support		
INSTALLATION SERVICES	Option: Boston Basic Installation		

NUTZER			
ENDNUTZER	ANWENDUNGEN UND WEBDIENSTE		GERÄTE
ZUGRIFFSMETHODEN			
S3/HTTP	NFS*		SMB**
BETRIEB & EINBLICKE	SPEICHER- UND INFRASTRUKTURMANAGEMENT DIENSTE		STEUERUNG & INTEGRATION
NUTZUNGSBILDERUNG - MESSUNG & QUOTEN	 UNIVERSELER NAMENSRAUM	 SCHNELLE ERWEITERUNG	KONSOLE
IDENTITÄTS-MANAGEMENT	 EIN ODER MEHRERE STANDORTE	 KAPAZITÄTS & PERFORMANCE OPTIMIERUNG	
DELEGIEREN UND SELF- SERVICE	 SICHERHEIT UND AUTHENTIFIZIERUNG	 DATEISUCHE UND -ANFORDERUNG	REST API
VERGANGENHEITS / ZEITZEIT-ANALYSEN	 VARIABLER SCHUTZ VON DATEN (REPLIKATION UND ERASURE CODING)	 TEILEN, STREAMEN & VIDEO-CLIPPING	ADAPTIERBARE METADATEN
ZUSTANDS UND PERFORMANCE-MONITORING	 AUTOMATISCHE FEHLERBEHEBUNG	 WORM- & INTEGRITÄTSSCHUTZ	DATEIGRANULARE ADMINISTRATION
ORCHESTRIERUNG	 VERSCHLÜSSELUNG IN-FLIGHT- UND AT-REST	 CLOUD WIEDERHERSTELLUNG	
BELIEBIGE KOMBINATION AUS SPEICHERMEDIEN UND X86-SERVERN			
HDD		SSD	

*NFS-ZUGRIFF DURCH SWARMFS, **SMB-ZUGRIFF DURCH DATACORE FILEFLY

ADVANTAGES

- CERTIFIED COMPLETE SOLUTION
- FAST COMMISSIONING
- ACTIVE ARCHIVE, BACKUP TARGET, CLOUD STORAGE
- EASY TO INTEGRATE AND SCALE
- EFFICIENT RESOURCE USE

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