



CLOUD TECH SERVICES

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Our Creative Business

Simplified **OPEX Storage** Solutions For Business Efficiency



FACT SHEET

Storage as a Service

Our
POWERFUL
SOLUTION

SMART
IDEAS

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Get in Touch
214-239-3014

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About Us

Cloud Tech Services, Inc. specializes in providing end-to-end solutions to the public and private sectors by providing data center infrastructure, and proprietary tools. We provide the industry best solutions that integrates technology, people, and process which helps design, implement, and manage the customer's IT infrastructure.



Storage as a Service

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Offerings Include



- We provide **end-to-end storage solutions**.
- Industry best practices & **24/7 Support services**.
- Pay as you go with our **OPEX Model**.
- Efficient storage solutions to **Reduce OPEX Expenses**.
- Choose a flexible subscription model (**Bronze, Silver, Gold, and Platinum**) per the customer's needs.
- We offer **Automated Storage Provisioning Request**.
- Portal access to our **Analytics Dashboard, Reports, & Storage Statistics**.
- Choose from **Multiple & Cost-Effective Storage Tiers (Capacity, Optimized, Performance and Prime)**.



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CTS - STORAGE TIERS

Overview	Block Storage			File and Object Storage
	Capacity	Optimized	Performance	Prime
Description	Cost-effective capacity -optimized block storage service for Tier2 workloads.	Cost-effective general performance block storage service for mission-critical low-latency or throughput workloads.	Premium block storage service for mission-critical, low-latency workloads. The underlying Service Infrastructure deployed is designed to deliver 1000 IOPS/TiB under the following workload characteristics: 70/30 read/write; DRR = 4:1; block size = 16k; and concurrency = 60% and without any replication configurations enabled.	File and object Storage is designed to deliver fast read and write.
Minimum Capacity	200 TB	50 TB	50 TB	50 TB
IOPS/TB	100	300	1000	--
Relative Performance	1x	3x	10x	1x
Max Read Performance	9 GB/s	18 GB/s	18 GB/s	43 MB/s
Latency	3-5 ms	sub-ms	sub-ms	--
Use Case	Tier2 Database and virtual machines, archive stores, test/dev, snapshot consolidation/retention.	Ideal for a broad range of Tier1 workloads: Cassandra, MongoDB, MariaDB. VDI, Vmware, Oracle, Microsoft SQL Server, SAP, HyperV, Epic. Hybrid and multi cloud, containers, media libraries, short term storage, Migrate to cloud, DR to cloud, test/dev	Ideal for a broad range of Block performance workloads with premium IOPS/TiB requirements.	Rapid Restore, Artificial Intelligence, Analytics, EDA, HPC, Software development, Code & artifact repository. Custom and COTS (Splunk, Vertica EON) S3 app support Rapid Restore (CommVault, Veeam).

CTS -SERVICE SUBSCRIPTIONS

Subscription Plans	Bronze	Silver	Gold	Platinum
Installation				
Site Installation: Physical Installation of Storage Array(s) - (Racking and Stacking), Cabling, Power-On, Health Check.	✓	✓	✓	✓
Performing the Configuration of the Storage Array.	✓	✓	✓	✓
Testing and validating overall setup and configuration end-to-end	✓	✓	✓	✓
Reporting				
Reports on storage arrays, SAN Switches, storage management components, storage monitoring components.	✓	✓	✓	✓
Reports on client connectivity, client provisioning, site failure & Storage Capacity.	✓	✓	✓	✓
Monitoring				
Monitor the events based on pre-defined limits.		✓	✓	✓
Notify detected events to the Tech-support team.		✓	✓	✓
Code Upgrades				
Perform firmware upgrade.	1 Per Quarter	2 per Quarter	Unlimited	Unlimited
Storage Management				
Storage Request, Volume Provisioning			✓	✓
Break-fix Response and troubleshooting			✓	✓
Manage SAN, such as zones using the best practices.			✓	✓
Manage storage, such as create logical discs, performing local and remote copies.			✓	✓
Maintain and perform operational procedures to allocate and re-allocate storage to the servers.			✓	✓
Migration				
Planning and Discovery				✓
Project Management				✓
Migration Management				✓
Complimentary Data-Analytics (For Existing Infrastructure)				✓
Coverage				
Support Hours.		24x7 Services	24x7 Services	24x7 Services



For more information, Contact sales@cloudtechservices.com



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