

MarkLogic Cloud Service Pricing & Billing

Effective: February 1, 2020

MARKLOGIC DATA HUB SERVICE PRICING

COMPUTE AND QUERY CAPACITY

MarkLogic Data Hub Service capacity is measured in MarkLogic Capacity Units (MCU). One MCU has approximately 1 GB of memory with appropriate CPU and network capacity. MarkLogic Data Hub Service is provisioned to provide a baseline level of MCUs. This provisioned capacity governs the target storage for MarkLogic Data Hub Service. This provisioned capacity also governs how frequently and for how long an Standard DHS Service can burst above baseline performance. Low-Priority DHS Services do not burst or scale.

STORAGE CAPACITY

Storage consumed by MarkLogic Data Hub Service is billed in per GB per month increments. Storage is charged at actual usage or at a cost of 4GB per MCU provisioned. Storage utilization is calculated and charged hourly until the storage is deleted, whichever is greater. You do not need to provision storage in advance. Storage Rate is the same for all storage utilized by the Data Hub Service.

DATA TRANSFER

Data transfer refers to data transfer into and out of MarkLogic Data Hub Service to your application or Business Intelligence tool. The costs for Data Transfer depends on the cloud service provider – your pricing for Data transfer will be identical to the published pricing for Data Transfer for the cloud service provider where you are using DHS. MarkLogic tabulates data transfer costs daily. The vast majority of MarkLogic DHS customers spend less than 10% of their budget on data transfer costs.



STANDARD DHS

- Standard MarkLogic Data Hub Services accumulate MCU Credits when they are idle, and consume MCU Credits when they are active.
- If a Standard MarkLogic Data Hub Service runs at higher MCU utilization for a prolonged period, it will exhaust accumulated credits and will be restricted to running at the baseline capacity.
- When Standard DHS services are stopped, MCUs stop accumulating and existing credits are lost. Billing of MCUs stop. Billing of storage will continue – until the MarkLogic Data Hub Service is deleted
- Expanded credit earning and burst capacity is available on an hourly basis at the same rate as the service level. This capacity will double the burst capacity and double the credits earned per hour but does not double the data capacity. When expanded credits are turned off but service stays running and if existing credit level is above burst capacity threshold for the baseline setting, credits will be lost/reduced to the burst capacity for that baseline.

AWS US EAST

PRICE** (HOUR)	PRICE (YR)	BURST CAPACITY (MCU)	BASELINE PERFORMANCE/ CREDITS EARNED PER HOUR (MCU)
\$ 4	\$20,000	384	32
\$ 8	\$40,000	768	64
\$ 16	\$80,000	1,536	128
\$ 32	\$160,000	3,072	256
\$ 64	\$320,000	6,144	512

AZURE US EAST

PRICE** (HOUR)	PRICE (YR)	BURST CAPACITY (MCU)	BASELINE PERFORMANCE/ CREDITS EARNED PER HOUR (MCU)
\$ 8	\$40,000	768	64
\$ 16	\$80,000	1,536	128
\$ 32	\$160,000	3,072	256
\$ 64	\$320,000	6,144	512
NA	\$640,000	12,288	1024
NA	\$1,280,000	24,576	2048

**To price/buy using MarkLogic Cloud Consumption units, multiply prices below by 100 (i.e., \$1.50/hr = 150 Units/hour)



PRICING FOR ALL REGIONS (USD)*

*To price/buy using MarkLogic Cloud Consumption units, multiply prices below by 100 (i.e., \$1.50/hr = 150 Units/hour)

DHS Service Type	REGION	MCU/HR	MCU/YR	STORAGE (GB)
Standard	AWS US East (N. Virginia)	\$0.125	\$625.00	\$0.100
Standard	AWS US East (Ohio)	\$0.125	\$625.00	\$0.100
Standard	AWS US West (Oregon)	\$0.125	\$625.00	\$0.100
Standard	AWS EU (Ireland)	\$0.138	\$690.00	\$0.110
Standard	AWS EU (London)	\$0.150	\$750.00	\$0.120
Standard	AWS EU (Frankfurt)	\$0.150	\$750.00	\$0.120
Standard	AWS Asia Pacific (Seoul)	\$0.150	\$750.00	\$0.120
Standard	AWS Asia Pacific (Singapore)	\$0.165	\$825.00	\$0.130
Standard	AWS Asia Pacific (Sydney)	\$0.150	\$750.00	\$0.120
Standard	AWS Asia Pacific (Tokyo)	\$0.150	\$750.00	\$0.120
Standard	Azure US West 2	\$0.150	\$750.00	\$0.100
Standard	Azure US Central	\$0.150	\$750.00	\$0.100
Standard	Azure US East	\$0.125	\$625.00	\$0.100
Standard	Azure EU France Central	\$0.165	\$825.00	\$0.120
Standard	Azure EU North Europe	\$0.150	\$750.00	\$0.120
Standard	Azure Asia Pacific SE Asia	\$0.165	\$825.00	\$0.130

LOW PRIORITY DHS

- Low Priority MarkLogic Data Hub Services workloads deliver a fixed capacity of MCU's provisioned and do not scale or accumulate credits. Low Priority DHS is not highly available but is more cost effective than Standard DHS. It is not suitable for customer facing continuous availability operational workloads. Batch operations including Testing are suitable.

AWS US EAST

PRICE** (HOUR)	MCU	BEST FOR DATA SIZE (TB)
\$ 1	8	25GB-150GB

AZURE US EAST

PRICE** (HOUR)	MCU	BEST FOR DATA SIZE (TB)
\$0.60	8	1GB-25GB
\$ 1.20	16	50GB-150GB
\$ 2.40	32	0.1TB - 1.0TB
\$ 4.80	64	0.2TB - 2.0TB
\$ 9.60	128	0.4TB- 4.0TB
\$19.20	256	0.8TB – 8.0TB

PRICING FOR ALL REGIONS (USD)*

*To price/buy using MarkLogic Cloud Consumption units, multiply prices below by 100 (i.e., \$1.50/hr = 150 Units/hour)

DHS Service Type	REGION	MCU/HR	STORAGE (GB)*
Low Priority	AWS US East (N. Virginia)	\$0.125	\$0.100

Low Priority	AWS US East (Ohio)	\$0.125	\$0.100
Low Priority	AWS US West (Oregon)	\$0.125	\$0.100
Low Priority	AWS EU (Ireland)	\$0.138	\$0.110
Low Priority	AWS EU (London)	\$0.150	\$0.120
Low Priority	AWS EU (Frankfurt)	\$0.150	\$0.120
Low Priority	AWS Asia Pacific (Seoul)	\$0.150	\$0.120
Low Priority	AWS Asia Pacific (Singapore)	\$0.165	\$0.130
Low Priority	AWS Asia Pacific (Sydney)	\$0.150	\$0.120
Low Priority	AWS Asia Pacific (Tokyo)	\$0.150	\$0.120
Low Priority	Azure US West 2	\$0.0825	\$0.100
Low Priority	Azure US Central	\$0.0825	\$0.100
Low Priority	Azure US East	\$0.075	\$0.100
Low Priority	Azure EU France Central	\$0.11	\$0.120
Low Priority	Azure EU North Europe	\$0.10	\$0.120
Low Priority	Azure Asia Pacific SE Asia	\$0.11	\$0.130

PRICING EXAMPLES

Example 1

Assume you provision a Low Priority DHS Service for 256 MCU in Azure US East for running a batch process. Running the batch process takes 24 hours continuously each month. Additionally, the system is brought up for querying 8 hours total per month. The system has a storage footprint of 18TB across live data, backups, lineage/provenance and audit.

The DHS Compute/Memory cost would be $\$19.20/\text{hr} \times 32 \text{ hours} = \614.40

The Storage cost would be $18,000\text{GB} \times \$0.10/\text{gb} = \$1,800.00$



Networking costs for this example were \$58.25

The bill at the end of the month would total \$ 2,472.65

Example 2

Assume you create a Standard DHS Service in AWS US East with a provisioned capacity of 64 MCU.

For the first 10 days, you do testing work with a 50GB data set and only use the service 8 hours per day. The cost for these 10 days is \$660.53 for storage and compute.

- The hourly cost of 64 MCU service in AWS US East is \$8hr.
- $\$8\text{hr} \times 8 \text{ hours/day} \times 10 \text{ days} = \640.00
- The minimum storage charge for 64 MCU is 256GB at \$0.10/GB - \$25.60/month.
- $\$25.60/\text{month}/30 = \8.53
- Network costs are low, \$12.00 for the 10 days.

Over the next 5 days, you load 1TB more data and run the system 16 hours per day. The systems scales up automatically from the credits accumulated to accelerate the data load. The cost for these 5 days is \$751.82 for storage and compute.

- $\$8\text{hr} \times 16 \text{ hours/day} \times 5 \text{ days} = \640.00
- 1TB raw data expands to 2TB indexed. Your system has high availability, backups with versions and log retention totaling 9000GB of storage utilized by the end of the 5 days, 5200GB average over the 5 days.
- $5200\text{GB} * \$0.10/\text{gb} = \$520.00/\text{month} = \$86.67$ for 5 days.
- Networking costs are higher but still fairly low as there is little outside traffic - \$33.15

For the next 15 days, your system is running 24 hours per day. The workload varies each day and the system scales up and down automatically to serve the load. You notice your traffic is increasing and 10 days into your go-live, you set the system to provision 2X credits whenever your start using more than baseline and turn off the extra provisioning once your traffic returns to a lower level. For last 5 next 5 days, you expand to 128 MCU credits/hr for 5 hours per day. The total bill for these 15 days is \$3,666

- $\$8\text{hr} \times 24 \text{ hours/day} \times 15 \text{ days} = \$2,880$
- $\$8\text{hr} \times 5 \text{ hours/day} \times 5 \text{ days} = \200
- $9000\text{GB} * \$0.10/\text{gb} = \$900/\text{month}, \$450/15 \text{ days}.$
- Network costs with outside traffic are larger - \$136 for the the 15 days.

The monthly bill will total \$5,078.35 DHS.

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