

Azure Cache for Redis, Enterprise Tier Pricing

Update: December 12, 2020

This page contains indicative pricing for Azure Cache for Redis, Enterprise tiers services.

Pricing Table

Plan Name SKU ¹	Dataset Limit GB ⁴	Integrated Price Hourly (Scale x1) ²	Integrated Price Estimated Monthly ³
E10	12	\$1.334	\$973.82
E20	25	\$2.666	\$1946.18
E50	50	\$5.236	\$3822.28
E100	100	\$10.469	\$7642.37
F300 (RoF)	345	\$10.850	\$7920.50
F700 (RoF)	715	\$21.700	\$15841.00
F1500 (RoF)	1455	\$43.400	\$31682.00

¹ **E plans** are Redis on RAM. **F plans** are Redis on Flash (modules are only available on RoR).

² **Prices are indicative.** This is a sample for Azure East US region, for customers in the US market, in US Dollars as of Nov 12, 2020. Source of truth is [Azure portal](#). Prices are inclusive of Azure compute, High Availability (Redis Replication), single or multi-zone deployment (within the same Azure region) and optional modules available.

³ Monthly price is calculated based on industry standard 730 hours/month. Price is estimated - actual monthly billing varies according to the number of days in a month.

⁴ Dataset limit is the maximum Redis dataset size. This includes replication for High Availability. For example, an E10 plan allows for a ~12GB dataset size while consuming ~24GB of RAM on the supporting compute infrastructure.

Sizing Table

Plan Name SKU	Dataset Limit GB	Ops/Sec Scale x1	Number of connections Scale x1	Scale Vector	“Capacity” Vector ¹
E10	12	25K	50K	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)	(2, 4, 6, 8, 10, 12, 14, 16, 18, 20)
E20	25	25K	50K	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)	(2, 4, 6, 8, 10, 12, 14, 16, 18, 20)
E50	50	50K	50K	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)	(2, 4, 6, 8, 10, 12, 14, 16, 18, 20)
E100	100	100K	50K	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)	(2, 4, 6, 8, 10, 12, 14, 16, 18, 20)
F300 (RoF)	345	30K	50K	(1, 3, 5, 7, 9)	(3, 9, 15, 21, 27)
F700 (RoF)	715	60K	50K	(1, 3, 5, 7, 9)	(3, 9, 15, 21, 27)
F1500 (RoF)	1455	120K	50K	(1, 3, 5, 7, 9)	(3, 9, 15, 21, 27)

¹ Capacity is scale x 2 in RoR and scale x 3 in RoF (a reflection of # of data, non-quorum, nodes)

Example:

Customer A need a 30 GB database size with 40K ops/sec:

Option 1: 1xE50 (E50 at *capacity* 2) at 1x\$3822.28/month = \$3822.28/month (50K ops/sec)

Option 2: 3x12GB (36GB - E10 at *capacity* 6) at 3x\$973.82 = \$2,921.46/month (3x25K ops/sec = 75K ops/sec)

Create experience configuration:

RoR (currently limited to 10 until higher capacities are deployed, then would go to 20)

New Redis Cache

Basics Networking **Advanced** Tags Review + create

Modules ⓘ

(PREVIEW) Availability zones

Non-TLS access only ⓘ Enable

Eviction Policy ⓘ

Capacity ⓘ Total size: 24 GB

Clustering Policy OSS Enterprise

RoF (currently limited to 9 until higher capacities are deployed):

New Redis Cache

Basics Networking **Advanced** Tags Review + create

Modules ⓘ 0 selected

(PREVIEW) Availability zones None

Non-TLS access only ⓘ Enable

Eviction Policy ⓘ No Eviction

Capacity ⓘ 3
Total size: 1455 GB

Clustering Policy **OSS** Enterprise

New Redis Cache

Basics Networking **Advanced** Tags Review + create

Modules ⓘ 0 selected

(PREVIEW) Availability zones None

Non-TLS access only ⓘ Enable

Eviction Policy ⓘ No Eviction

Capacity ⓘ 9
Total size: 4365 GB

Clustering Policy **OSS** Enterprise