Calculadora del costo total de propiedad (TCO)

Calcule los ahorros de costos que puede realizar migrando sus cargas de trabajo a Azure

According to your inputs, it looks like there are no cost savings in this instance.

Here are other ways Azure could help lower your costs:

✔ Rightsize your infrastructure as you migrate to the cloud for substantial savings. Explore Azure Migrate (/es-mx/services/azure-migrate/) to analyze your environment and get intelligent recommendations for your cloud infrastructure.

✔ Consider replatforming your applications to save costs. Save more by moving to managed services like Azure App Service or Azure SQL Database, which costs less and have smaller management costs.

✔ Using lower cost Azure regions with the same services can lead to lower TCO. From the View Report section, explore some nearby Azure regions to model your cost savings.

✔ Take advantage of additional discount programs when you enroll in an Enterprise Agreement with Microsoft. Please contact your Microsoft sales representative for more information.

> ⚊ Chatee con el personal de ventas

Over 5 year(s) with Microsoft Azure, your estimated cost savings could be as much as USD 0

Total on-premises vs. Azure cost over time

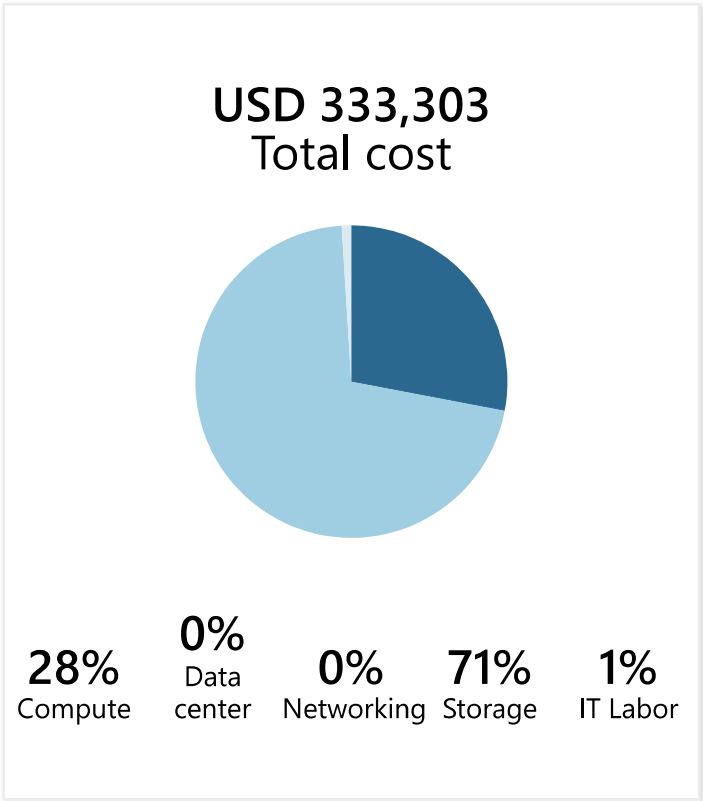Savings from running workloads in Azure accrue over time. The following shows how those savings add up over years.
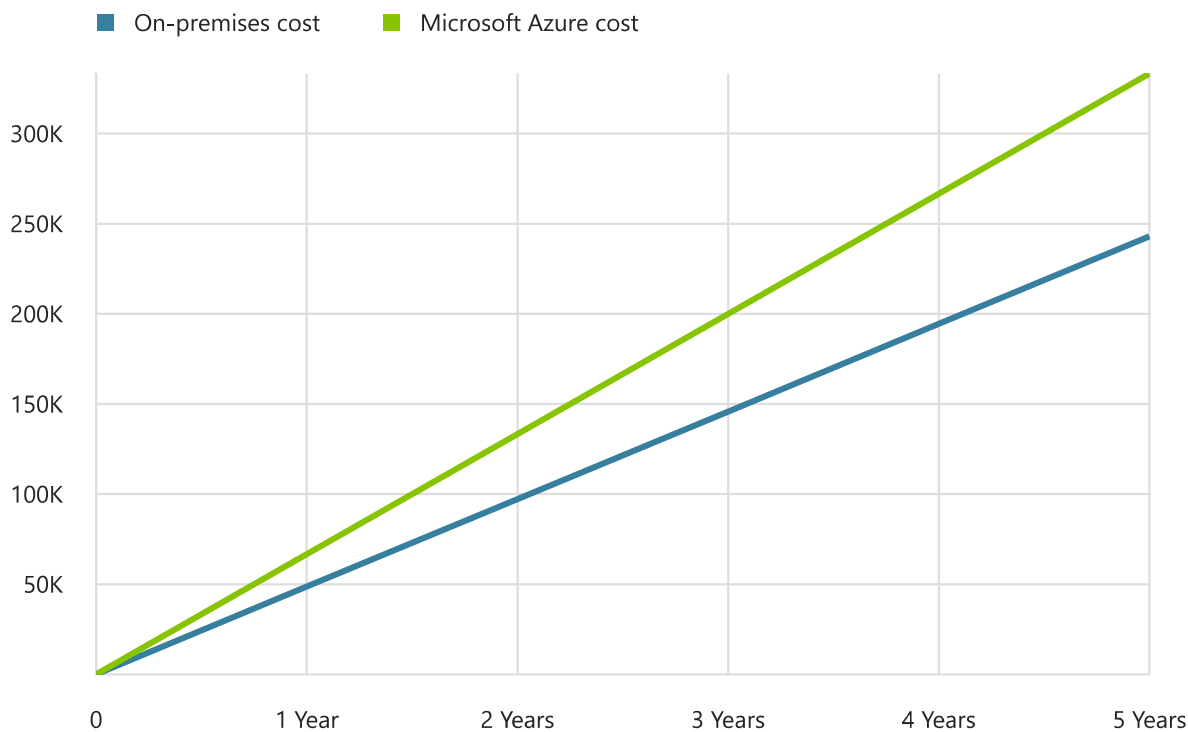
Total on-premises over 5 year(s)

TCO of on-premises environments tends to be driven by compute and data center costs.

Total Azure cost over 5 year(s)

In Azure, certain cost categories decrease or go away completely.

USD 243,014
Total cost

69%
Compute

15%
Data center

10%
Networking

1%
Storage

5%
IT Labor

USD 333,303
Total cost

28%
Compute

0%
Data center

0%
Networking

71%
Storage

1%
IT Labor

= Chatee con el personal de ventas
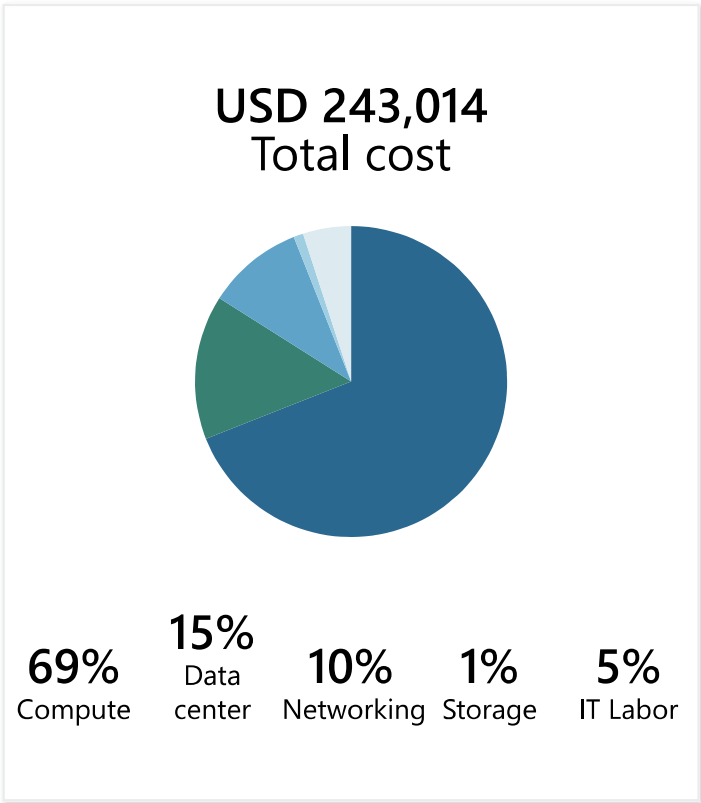
Total on-premises cost breakdown

In Azure, several of the cost categories from the on-premises environment are consolidated and decrease with the efficiency that comes with the cloud.

Total Azure cost breakdown

In Azure, several of the cost categories from the on-premises environment are consolidated and decrease with the efficiency that comes with the cloud.
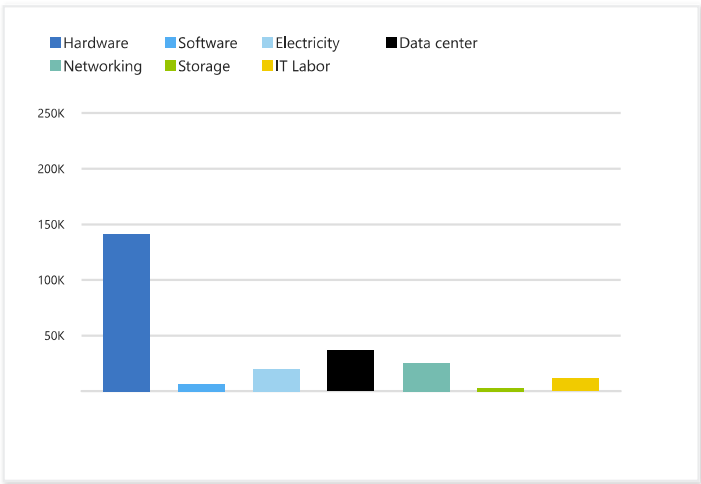
USD 243,014
Cost over 5 year(s)

USD 333,303
Cost over 5 year(s)

On-premises cost breakdown summary

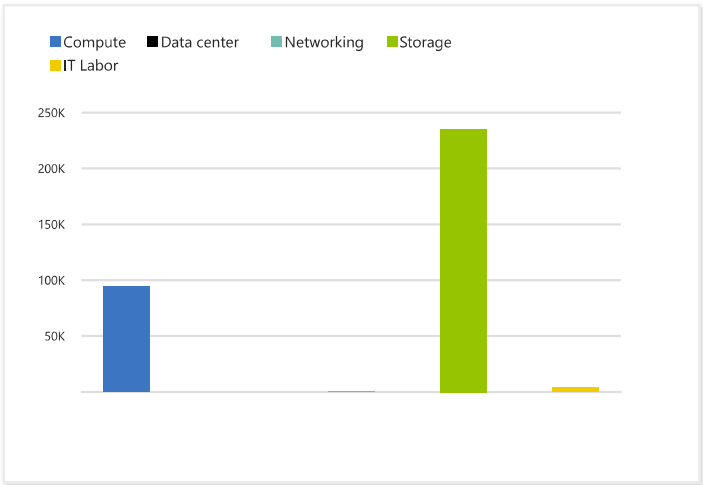| Category	Cost
Compute	USD 167,057.00
Hardware	USD 141,050.00
Software	USD 6,075.00
Electricity	USD 19,932.00
Database	USD 0.00
Data Center	USD 36,272.40
Networking	USD 25,397.06
Storage	USD 2,787.20
IT Labor	USD 11,500.00
Total	**USD 243,014.00**

Azure cost breakdown summary

Category	Cost
Compute	USD 93,954.24
Data Center	USD 0.00
Networking	USD 1.20
Storage	USD 235,514.18
IT Labor	USD 3,832.95
Total	**USD 333,303.00**

Chatee con el personal de ventas

Estimated on-premises cost (5 year(s))

Compute cost

Hardware cost

Cost per 2 proc 8 core, 64 GB RAM physical server for Windows	USD 14,105.00
Number of servers required	2
Cost per 2 proc 8 core, 64 GB RAM physical server for Windows	USD 14,105.00
Number of servers required	2
Cost per 2 proc 8 core, 64 GB RAM physical server for Windows	USD 14,105.00
Number of servers required	1
Total cost for physical server(s)	USD 70,525.00
Cost of maintaining physical server(s) - 20% of cost of physical server(s)	USD 14,105.00
Total cost of maintaining server(s) over five year(s)	USD 70,525.00

Total hardware cost over five year(s) — **USD 141,050.00**

Software cost

Cost of Windows standard license per 2 proc, 8 core, 64 GB RAM physical machine	USD 972.00
Number of licenses needed	2

Estimated Azure cost (5 year(s))

Azure compute cost

Virtual Machines cost

Number of hours per month	730
D16v3 Standard (16 core, 64 GB RAM) Windows (Azure Hybrid Benefit)	SKU# AAA-45141
Number of virtual machines	2
Total virtual machine cost per month	USD 525.804

Total Azure Virtual Machines cost — **USD 31,548.24**

NOTE: For Azure compute costs, 3 year Reserved VM and two 1 year Reserved VM in use.

App Service cost

B3 Basic App Service (4 core, 7 GB RAM)	USD 0.30 /hr
	SKU# T2X-00020
Full time App Service instances	2
Average utilization	80 %
Auto scaling	No
Total App Service cost per month	USD 350.40

Total App Service cost over five year(s) — **USD 21,024.00**

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Cost of Windows standard license per 2 proc, 8 core, 64 GB RAM physical machine	USD 972.00
Number of licenses needed	2
Cost of Windows standard license per 2 proc, 8 core, 64 GB RAM physical machine	USD 972.00
Number of licenses needed	1
Total software license cost	USD 4,860.00
Total Software Assurance cost	USD 1,215.00
Total software cost over five year(s)	**USD 6,075.00**

Electricity cost

Price of electricity per kWh	USD 0.1334
Power rating of 8 core, 64 GB RAM server	682.3 Watts
Total electricity cost consumed by 2 server(s) - 8 core, 64 GB RAM server per month	USD 132.88
Power rating of 8 core, 64 GB RAM server	682.3 Watts
Total electricity cost consumed by 2 server(s) - 8 core, 64 GB RAM server per month	USD 132.88
Power rating of 8 core, 64 GB RAM server	682.3 Watts
Total electricity cost consumed by 1 server(s) - 8 core, 64 GB RAM server per month	USD 66.44
Total electricity cost over five year(s)	**USD 19,932.00**

MySQL Database cost

Total number of license(s) required	1
MySQL Community Edition License cost per instance	USD 0.00
Total license cost	USD 0.00

Azure Database for MySQL cost

Azure Database for MySQL - MemoryOptimized G5, 8 vCore(s)	USD 0.9448 /hr
	SKU# AAA-90572
Instance Count	1
Cost Per Month	USD 689.70
Total Azure Database for MySQL cost over five year(s)	**USD 41,382.00**

Total MySQL Database licensing cost over five year(s)	USD 0.00

Total cost over five year(s)	USD 167,057.00

Total Azure compute cost over five year(s)	USD 93,954.24

Data center cost

Azure data center cost

Compute cost

Total Azure data center cost over five year(s)	USD 0.00

Number of rack units per rack	42
Rack units required per 8 core, 64 GB RAM server	4
Number of 8 core, 64 GB RAM server	2
Total number of rack units required	8
Rack units required per 8 core, 64 GB RAM server	4
Number of 8 core, 64 GB RAM server	2
Total number of rack units required	8
Rack units required per 8 core, 64 GB RAM server	4
Number of 8 core, 64 GB RAM server	1
Total number of rack units required	4
Total number of rack units required for all server(s)	20
Data center construction cost per rack unit amortized over 20 years	USD 302.27
Data center compute cost	USD 6,045.40

Total Data center compute cost over five year(s)	USD 30,227.00

Storage cost

Total number of rack units required for all storage	4
Number of rack units for DAS or SAN	4
Rack mounting/installation cost	USD 1,209.08

Total Data center storage cost over five year(s)	**USD 6,045.40**

Total Data center cost over five year(s)	**USD 36,272.40**

Total Azure data center cost over five year(s)	**USD 0.00**

Networking cost

Azure networking cost

Total hardware + software cost over five year(s)	USD 147,125.00
Network hardware and software cost assumed to be 15% of hardware and software cost over five year(s)	USD 22,068.75
Network maintenance cost assumed to be 15% of network hardware and software cost over five year(s)	USD 3,310.31
Service provider cost/GB per month	USD 0.15
Amount of bandwidth needed (GB) per month	2
Total service provider cost per month	USD 0.30

Total outgoing bandwidth needed per month	2 GB
Total outgoing bandwidth cost per month	USD 0.02

Total networking cost over five year(s)	**USD 25,397.06**

Total Azure networking cost over five year(s)	**USD 1.20**

Storage cost

Hardware

Local Disk/SAN-HDD

Cost per GB	USD 0.20
Storage (RAID 10 configuration) volume in GB (GRS enabled Storage volume doubled to provide geo-redundant capability)	32

Local Disk/SAN-SSD

Cost per GB	USD 0.40
Storage (RAID 10 configuration) volume in GB (GRS enabled Storage volume doubled to provide geo-redundant capability)	4,096

Total storage procurement cost	**USD 1,644.80**

Backup

Total backup and archive volume in GB	7,168
	HP LTO-7 BB873A
Backup volume per tape in TB	6
Number of Tape drives required	2
Cost per Tape Drive	USD 160.00

Backup and Archive cost over five year(s)	**USD 320.00**

Storage Maintenance

Storage maintenance cost (10% of storage procurement cost) over five year(s)	USD 822.40

Azure storage cost

Premium storage

Usable storage volume in GB	2,048
Premium Azure disk match	P80
Total IOPS	20,000
Number of premium disks	1
Disk price per month	USD 3,604.11

Total GRS premium disk maintenance cost over five year(s)	**USD 216,246.60**

Backup

Total backup and archive volume in GB	7,168
Storage cost per GB	USD 0.0448
	SKU# AAA-70201

Backup and Archive maintenance cost over five year(s)	**USD 19,267.58**

Total storage maintenance cost over five year(s)	USD 822.40		

Total storage cost over five year(s)	USD 2,787.20		
		Total Azure storage cost over five year(s)	USD 235,514.18

IT labor cost

Azure IT labor cost

Number of IT admin hour(s) needed per year	100
Hourly rate for IT administrator	USD 23.00

Number of IT admin hour(s) needed per year	33.33
Hourly rate for IT administrator	USD 23.00

Total IT labor cost over five year(s)	USD 11,500.00

Total Azure IT labor cost over five year(s)	USD 3,832.95

Total on-premises cost over five year(s)	USD 243,014.00	Total Azure cost over five year(s)	USD 333,303.00

A total **savings** of **USD 0.00** with **Microsoft Azure**