

Calculadora del costo total de propiedad (TCO)

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

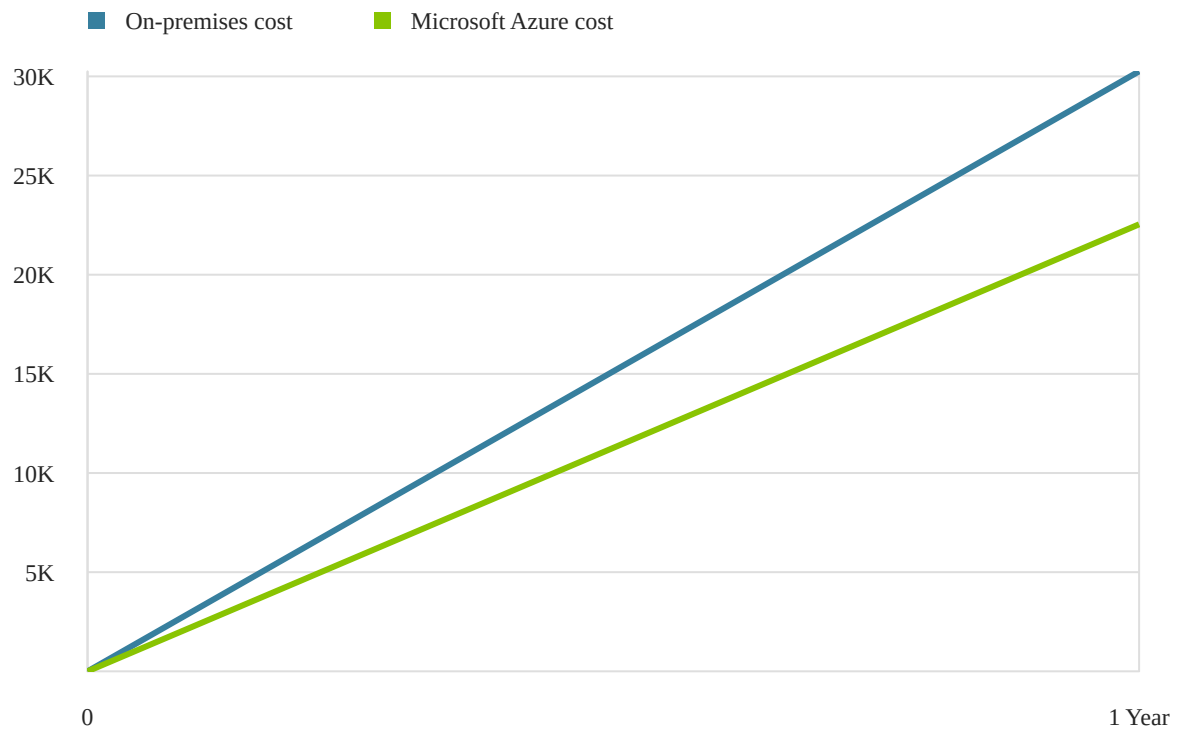
 My saved reports

Over 1 year(s) with Microsoft Azure, your estimated cost savings
could be as much as **USD 7,715**

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.

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Total on-premises over 1 year(s)

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

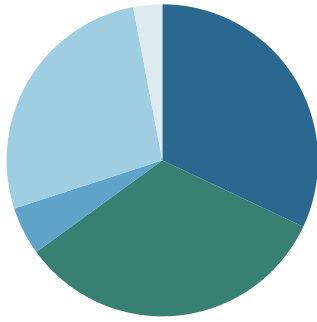
Total Azure cost over 1 year(s)

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

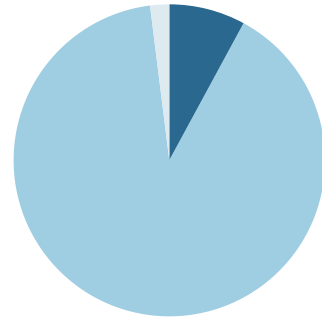
USD 30,255
Total cost

USD 22,540
= Total cost

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32% Compute
33% Data center
5% Networking
27% Storage
3% IT Labor



8% Compute
0% Data center
0% Networking
91% Storage
2% IT Labor

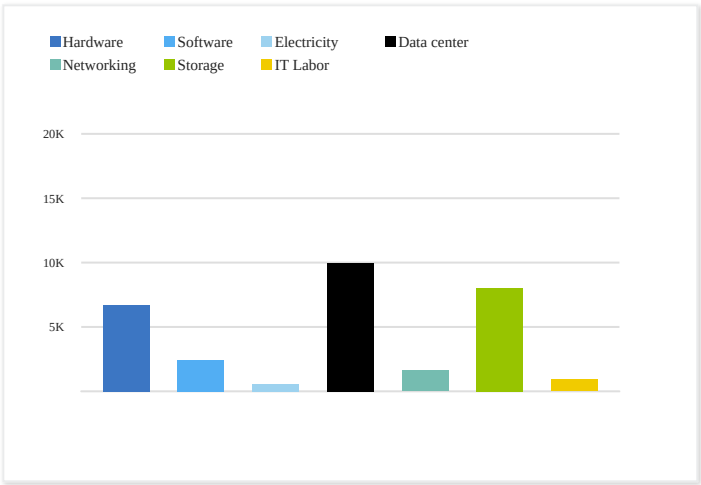
Total on-premises cost breakdown

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

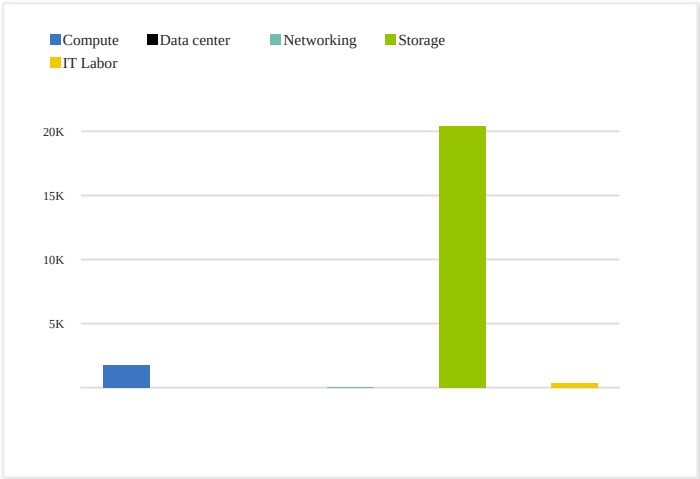
Total Azure cost breakdown

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

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USD 30,255
Cost over 1 year(s)



USD 22,540
Cost over 1 year(s)

**On-premises cost breakdown
summary**

Azure cost breakdown summary

Category	Cost
Compute	USD 9,703.56
Hardware	USD 6,703.20
Software	USD 2,430.00
Electricity	USD 570.36
Database	USD 0.00
Data Center	USD 9,974.91
Networking	USD 1,611.48
Storage	USD 8,045.44
IT Labor	USD 920.00
Total	USD 30,255.00

Category	Cost
Compute	USD 1,748.40
Data Center	USD 0.00
Networking	USD 2.40
Storage	USD 20,405.45
IT Labor	USD 383.41
Total	USD 22,540.00

Estimated on-premises cost (1 year(s))

Estimated Azure cost (1 year(s))

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Compute cost

Hardware cost

Cost per 1 proc 2 core, 3.5 GB RAM physical server for Windows	USD 1,684.00
Number of servers required	1
Cost per 1 proc 4 core, 7 GB RAM physical server for Windows	USD 1,951.00
Number of servers required	2
Total cost for physical server(s)	USD 5,586.00
Cost of maintaining physical server(s) - 20% of cost of physical server(s)	USD 1,117.20
Total cost of maintaining server(s) over one year(s)	USD 1,117.20
Total hardware cost over one year(s)	USD 6,703.20

Software cost

Cost of Windows standard license per 1 proc, 2 core, 3.5 GB RAM physical machine	USD 972.00
Number of licenses needed	1
Cost of Windows standard license per 1 proc, 4 core, 7 GB RAM physical machine	USD 972.00
Number of licenses needed	1
Total software license cost	USD 1,944.00
Total Software Assurance cost	USD 486.00
Total software cost over one year(s)	USD 2,430.00

Electricity cost

Azure compute cost

Virtual Machines cost

Number of hours per month	730
B2S Standard (2 core, 4 GB RAM) Windows (Azure Hybrid Benefit)	SKU# AAA-68666
Number of virtual machines	1
Total virtual machine cost per month	USD 17.80

Total Azure Virtual Machines cost	USD 213.60
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NOTE: For Azure compute costs, one 1 year Reserved VM in use.

Azure Database for MySQL cost

Azure Database for MySQL - GeneralPurpose G5, 2 vCore(s)	USD 0.1752 /hr
	SKU# AAA-90574
Instance Count	1
Cost Per Month	USD 127.90

Total Azure Database for MySQL cost over one year(s)	USD 1,534.80
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Price of electricity per kWh	USD 0.1334
Power rating of 2 core, 3.5 GB RAM server	156 Watts
Total electricity cost consumed by 1 server(s) - 2 core, 3.5 GB RAM server per month	USD 15.19
Power rating of 4 core, 7 GB RAM server	166 Watts
Total electricity cost consumed by 2 server(s) - 4 core, 7 GB RAM server per month	USD 32.34
Total electricity cost over one year(s)	USD 570.36

MySQL Database cost

Total number of license(s) required	2
MySQL Community Edition License cost per instance	USD 0.00
Total license cost	USD 0.00
Total MySQL Database licensing cost over one year(s)	USD 0.00

Total cost over one year(s)	USD 9,703.56
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Total Azure compute cost over one year(s)	USD 1,748.40
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Data center cost

Azure data center cost

Compute cost

Number of rack units per rack	42
Rack units required per 2 core, 3.5 GB RAM server	1

Total Azure data center cost over one year(s)	USD 0.00
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Number of 2 core, 3.5 GB RAM server	1
Total number of rack units required	1
Rack units required per 4 core, 7 GB RAM server	1
Number of 4 core, 7 GB RAM server	2
Total number of rack units required	2
Total number of rack units required for all server(s)	3
Data center construction cost per rack unit amortized over 20 years	USD 302.27
Data center compute cost	USD 906.81

Total Data center compute cost over one year(s)	USD 906.81
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Storage cost

Total number of rack units required for all storage	30
Number of rack units for DAS or SAN	30
Rack mounting/installation cost	USD 9,068.10

Total Data center storage cost over one year(s)	USD 9,068.10
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Total Data center cost over one year(s)	USD 9,974.91
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Total Azure data center cost over one year(s)	USD 0.00
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Networking cost

Azure networking cost

Total hardware + software cost over one year(s)	USD 9,133.20
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Network hardware and software cost assumed to be 15% of hardware and software cost over one year(s) USD 1,369.98

Network maintenance cost assumed to be 15% of network hardware and software cost over one year(s) USD 205.50

Service provider cost/GB per month USD 0.15

Amount of bandwidth needed (GB) per month 20

Total service provider cost per month USD 3.00

Total networking cost over one year(s) USD 1,611.48

Total outgoing bandwidth needed per month 20 GB

Total outgoing bandwidth cost per month USD 0.20

Total Azure networking cost over one year(s) USD 2.40

Storage cost

Azure storage cost

Hardware

Local Disk/SAN-HDD
Cost per GB USD 0.20
Storage (RAID 10 configuration) volume in GB 30,752

Total storage procurement cost USD 6,150.40

Backup

Total backup and archive volume in GB 45,056
HP LTO-7 BB873A
Backup volume per tape in TB 6
Number of Tape drives required 8
Cost per Tape Drive USD 160.00

Page Blob storage

Usable storage volume in GB 15,360
Storage cost per GB/month USD 0.045

Annual storage cost per usable volume USD 8,294.40

Total Page Blob LRS storage maintenance cost over one year(s) USD 8,294.40

Backup

Total backup and archive volume in GB 45,056
Storage cost per GB USD 0.0224

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Backup and Archive cost over one year(s)	USD 1,280.00
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Storage Maintenance

Storage maintenance cost (10% of storage procurement cost) over one year(s)	USD 615.04
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Total storage maintenance cost over one year(s)	USD 615.04
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Total storage cost over one year(s)	USD 8,045.44
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Backup and Archive maintenance cost over one year(s)	USD 12,111.05
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Total Azure storage cost over one year(s)	USD 20,405.45
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IT labor cost

Number of IT admin hour(s) needed per year	40
Hourly rate for IT administrator	USD 23.00

Total IT labor cost over one year(s)	USD 920.00
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Azure IT labor cost

Number of IT admin hour(s) needed per year	16.67
Hourly rate for IT administrator	USD 23.00


Total Azure IT labor cost over one year(s)	USD 383.41
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Total on-premises cost over one year(s)	USD 30,255.00
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Total Azure cost over one year(s)	USD 22,540.00
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A total **savings** of **USD 7,715.00** with **Microsoft Azure**

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