

Calculadora del costo total de propiedad (TCO)

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

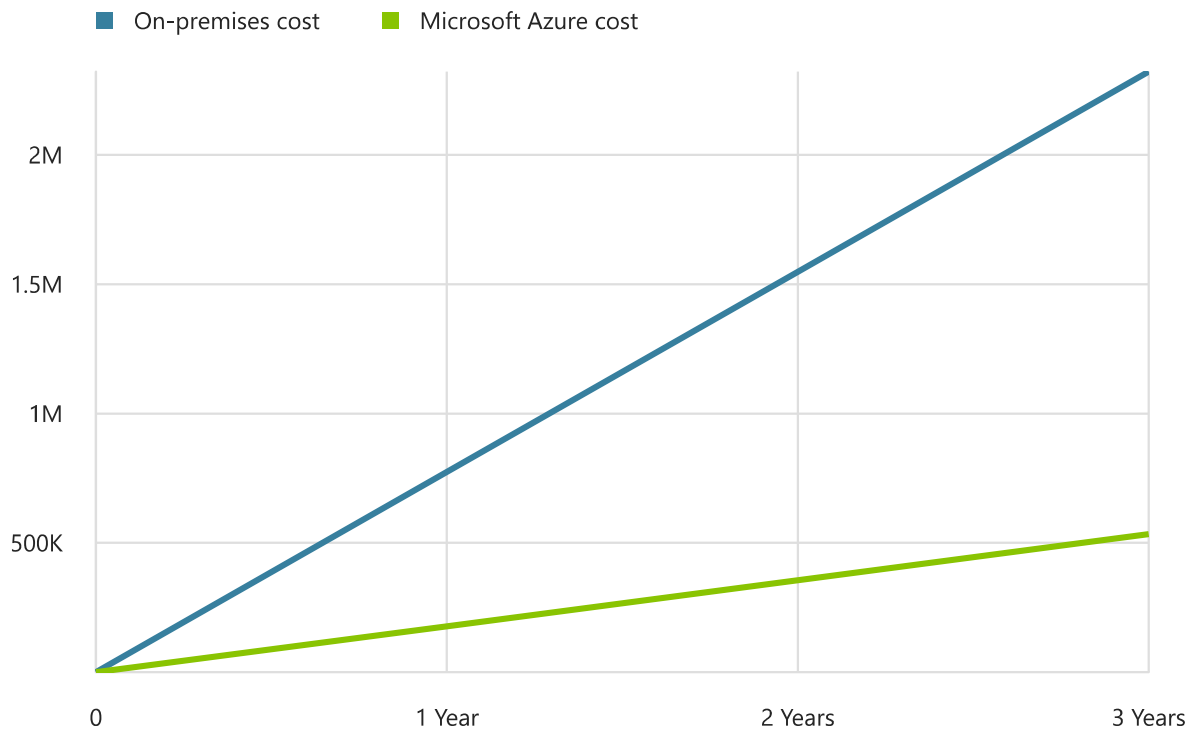
 My saved reports

Over 3 year(s) with Microsoft Azure, your estimated cost savings
could be as much as **\$1,788,373**

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 3 year(s)

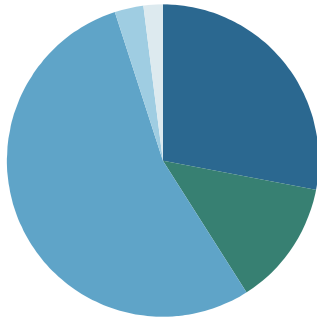
TCO of on-premises environments tends to be driven by compute and data center costs.

Total Azure cost over 3 year(s)

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

\$2,321,654
Total cost

\$533,281
Total cost
= Costo con el personal de ventas



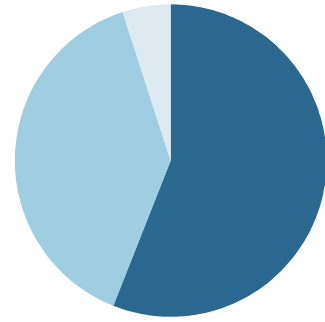
28%
Compute

13%
Data center

54%
Networking

3%
Storage

2%
IT Labor



56%
Compute

0%
Data center

0%
Networking

39%
Storage

5%
IT Labor

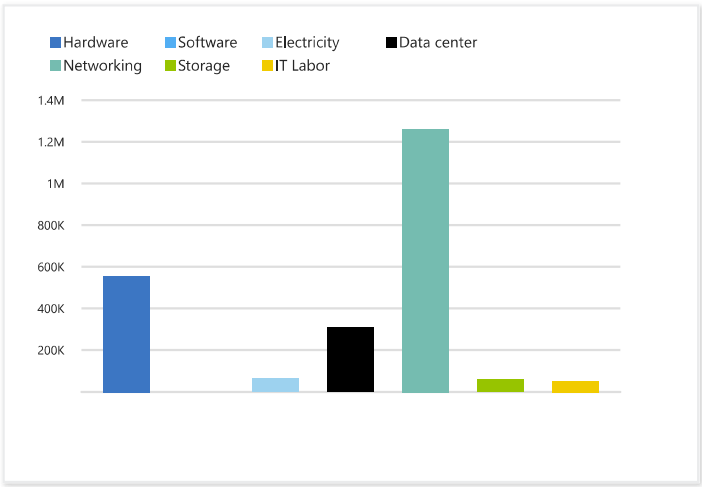
Total on-premises cost breakdown

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

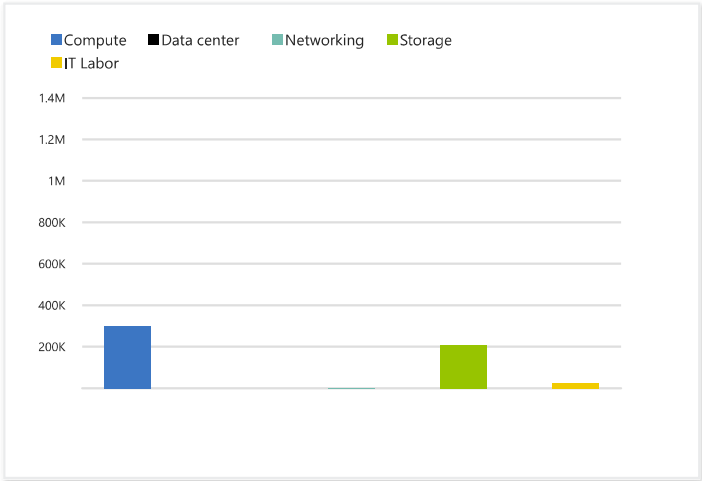
Total Azure cost breakdown

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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\$2,321,654
Cost over 3 year(s)



\$533,281
Cost over 3 year(s)

On-premises cost breakdown
summary

Azure cost breakdown summary

Category	Cost
Compute	\$639,845.68
Hardware	\$555,385.80
Software	\$0.00
Electricity	\$64,315.33
Virtualization	\$20,144.59
Database	\$0.00
Data Center	\$306,139.06
Networking	\$1,262,549.73
Storage	\$59,728.19
IT Labor	\$53,387.85
Total	\$2,321,654.10

Category	Cost
Compute	\$299,084.90
Data Center	\$0.00
Networking	\$76.00
Storage	\$209,858.70
IT Labor	\$24,269.85
Total	\$533,281.40

Estimated on-premises cost (3 year(s))

Estimated Azure cost (3 year(s))

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Compute cost

Hardware cost

Cost per 2 proc 8 core, 64 GB RAM physical server for Linux	\$297,615.50
Number of servers required	1
Total cost for physical server(s)	\$297,615.50
Cost of maintaining physical server(s) - 20% of cost of physical server(s)	\$59,523.10
Virtual machine density - Number of virtual cores that can be created per physical core	3
Cost per 1 proc 1 core, 0.75 GB RAM virtualization server for Linux	\$24,750.30
Number of servers needed for 1 virtual machine(s) - 1 core, 16 GB RAM	2
Total cost for virtualization server(s)	\$49,500.60
Cost of maintaining virtualization server(s) - 20% of cost of virtualization server(s)	\$9,900.10
Total cost of maintaining server(s) over three year(s)	\$208,269.70
Total hardware cost over three year(s)	\$555,385.80

Software cost

Total software license cost	\$0.00
Total software cost over three year(s)	\$0.00

Electricity cost

Azure compute cost

Virtual Machines cost

Number of hours per month	730
F16sv2 Standard (16 core, 32 GB RAM) Linux	SKU# AAD-10149
Number of virtual machines	1
Total virtual machine cost per month	\$4,269.16

Total Azure Virtual Machines cost	\$153,689.87
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NOTE: For Azure compute costs, one 3 year Reserved VM in use.

Azure Database for MySQL cost

Azure Database for MySQL - MemoryOptimized G5, 2 vCore(s)	\$5.5324 /hr
	SKU# AAA-90499
Instance Count	1
Cost Per Month	\$4,038.75

Total Azure Database for MySQL cost over three year(s)	\$145,395.04
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Price of electricity per kWh	\$2.74
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	\$1,366.23
Power rating of 1 core, 0.75 GB RAM server	105 Watts
Total electricity cost for 2 server(s) - 1 core, 0.75 GB RAM server per month	\$420.31
Total electricity cost over three year(s)	\$64,315.33

Virtualization cost

Virtualization software license cost	\$0.00
Per virtual machine, per month, cost to load balance, backup and patch virtual machines	\$559.57
Number of virtual machines	1
Virtual machine management cost per month	\$559.57
Virtual machine management cost per year	\$6,714.86
Total virtualization cost over three year(s)	\$20,144.59

MySQL Database cost

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

Total cost over three year(s)	\$639,845.68
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Total Azure compute cost over three year(s)	\$299,084.90
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Data center cost

Azure data center cost

Compute cost

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	1
Total number of rack units required	4
Rack units required per 1 core, 0.75 GB RAM server	1
Number of 1 core, 0.75 GB RAM server	2
Total number of rack units required	2
Total number of rack units required for all server(s)	6
Data center construction cost per rack unit amortized over 20 years	\$6,377.90
Data center compute cost	\$38,267.38

Total Data center compute cost over three year(s)	\$114,802.15
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Storage cost

Total number of rack units required for all storage	10
Number of rack units for DAS or SAN	10
Rack mounting/installation cost	\$63,778.97

Total Azure data center cost over three year(s)	\$0.00
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Total Data center storage cost over three year(s)	\$191,336.90
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Total Data center cost over three year(s)	\$306,139.06
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Total Azure data center cost over three year(s)	\$0.00
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Networking cost

Azure networking cost

Total hardware + software cost over three year(s)	\$555,385.80
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Network hardware and software cost assumed to be 15% of hardware and software cost over three year(s)	\$83,307.86
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Network maintenance cost assumed to be 15% of network hardware and software cost over three year(s)	\$12,496.26
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Service provider cost/GB per month	\$3.17
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Amount of bandwidth needed (GB) per month	10,240
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Total service provider cost per month	\$32,409.60
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Total outgoing bandwidth needed per month	10 TB
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Total outgoing bandwidth cost per month	\$2.11
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Total networking cost over three year(s)	\$1,262,549.73
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Total Azure networking cost over three year(s)	\$76.00
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Storage cost

Azure storage cost

Hardware

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Local Disk/SAN-HDD	
Cost per GB	\$4.22
Storage (RAID 10 configuration) volume in GB	10,272

Total storage procurement cost	\$43,347.80
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Backup

Total backup and archive volume in GB	2,048
	HP LTO-7 BB873A
Backup volume per tape in TB	6
Number of Tape drives required	1
Cost per Tape Drive	\$3,376.00

Backup and Archive cost over three year(s)	\$3,376.00
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Storage Maintenance

Storage maintenance cost (10% of storage procurement cost) over three year(s)	\$13,004.35
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Total storage maintenance cost over three year(s)	\$13,004.35
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Total storage cost over three year(s)	\$59,728.19
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IT labor cost

Number of IT admin hour(s) needed per year	36.67
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Page Blob storage

Usable storage volume in GB	5,120
Storage cost per GB/month	\$0.950

Annual storage cost per usable volume	\$58,337.28
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Total Page Blob LRS storage maintenance cost over three year(s)	\$175,011.80
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Backup

Total backup and archive volume in GB	2,048
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Storage cost per GB	\$0.4726
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SKU# AAA-70203

Backup and Archive maintenance cost over three year(s)	\$34,846.86
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Total Azure storage cost over three year(s)	\$209,858.70
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Azure IT labor cost

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Hourly rate for IT administrator \$485.30

Number of IT admin hour(s) needed per year 16.67
Hourly rate for IT administrator \$485.30

Total IT labor cost over three year(s)	\$53,387.85	Total Azure IT labor cost over three year(s)	\$24,269.85
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Total on-premises cost over three year(s)	\$2,321,654.10	Total Azure cost over three year(s)	\$533,281.40
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A total **savings** of **\$1,788,372.70** with **Microsoft Azure**