

Calculadora del costo total de propiedad (TCO)

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

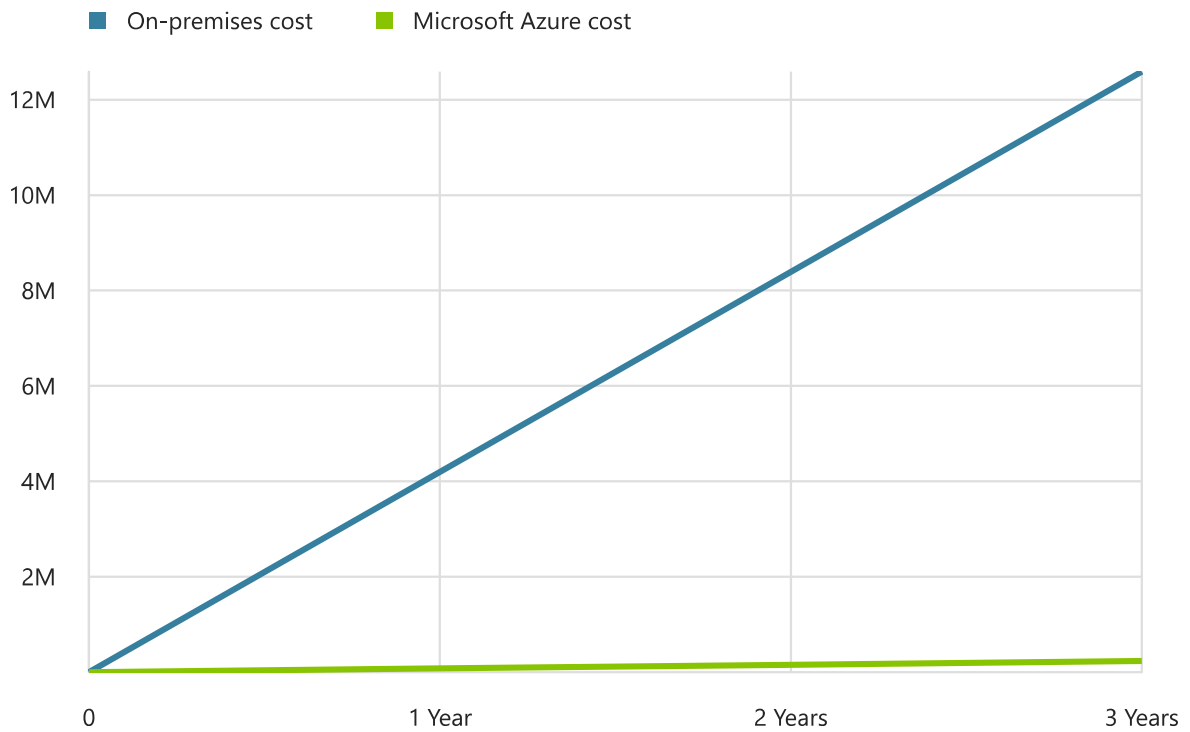
 My saved reports

Over 3 year(s) with Microsoft Azure, your estimated cost savings
could be as much as **USD 12,350,915**

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.

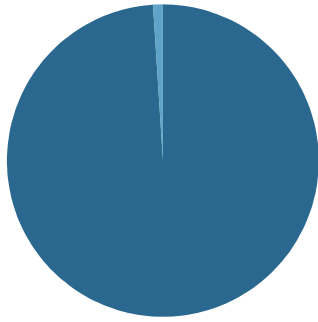
Total Azure cost over 3 year(s)

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

USD 12,586,680
Total cost

USD 235,765

= Total cost
Cada vez con el personal de ventas



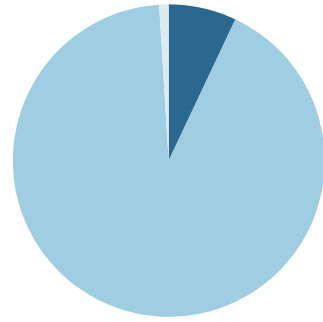
98%
Compute

0%
Data center

1%
Networking

0%
Storage

0%
IT Labor



7%
Compute

0%
Data center

0%
Networking

92%
Storage

1%
IT Labor

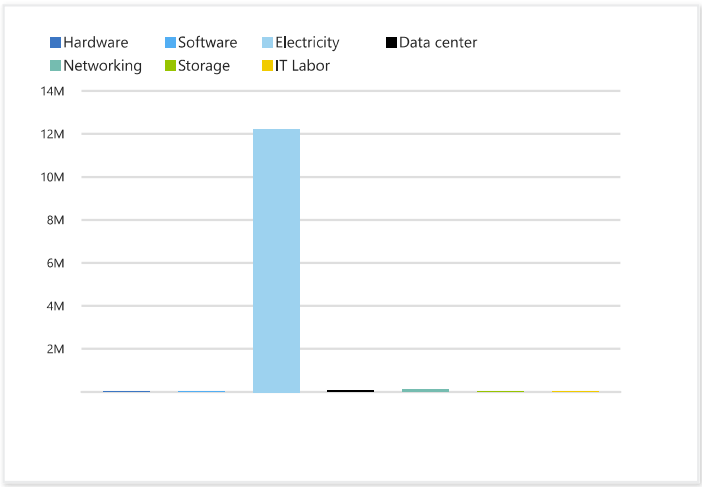
Total on-premises cost breakdown

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

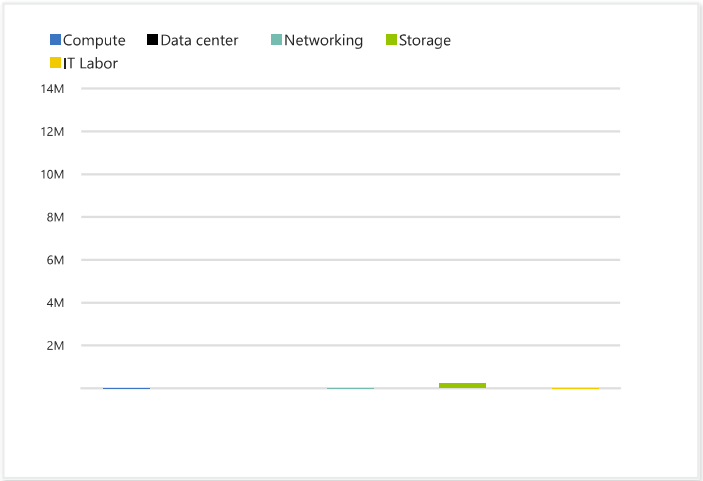
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USD 12,586,680

Cost over 3 year(s)



USD 235,765

Cost over 3 year(s)

On-premises cost breakdown
summary

Azure cost breakdown summary

Compute cost

Hardware cost

Cost per 2 proc 4 core, 16 GB RAM physical server for Windows	USD 7,169.00
Number of servers required	2
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 18,240.00
Cost of maintaining physical server(s) - 20% of cost of physical server(s)	USD 3,648.00
Total cost of maintaining server(s) over three year(s)	USD 10,944.00
Total hardware cost over three year(s)	USD 29,184.00

Software cost

Cost of Windows datacenter license per 2 proc, 4 core, 16 GB RAM physical machine	USD 6,155.00
Number of licenses needed	2
Cost of Windows datacenter license per 1 proc, 4 core, 7 GB RAM physical machine	USD 6,155.00
Number of licenses needed	2
Total software license cost	USD 24,620.00
Total Software Assurance cost	USD 6,155.00
Total software cost over three year(s)	USD 30,775.00

Electricity cost

Azure compute cost

Virtual Machines cost

Number of hours per month	730
F8sv2 Standard (8 core, 16 GB RAM) Windows (Azure Hybrid Benefit)	SKU# AAA-96753
Number of virtual machines	2
Total virtual machine cost per month	USD 215.04
Licensing program: Dev/Test	

Total Azure Virtual Machines cost **USD 7,741.44**

NOTE: For Azure compute costs, one 3 year Reserved VM in use.

SQL Database cost

General Purpose Single Gen5 2 vCores (Azure Hybrid Benefit)	USD 0.16438 /hr
	SKU# AAD-17866
Instance Count	2
Cost Per Month	USD 120.00

Total SQL Database cost over three year(s) **USD 8,640.00**

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Price of electricity per kWh	USD 475.00
Power rating of 4 core, 16 GB RAM server	324 Watts
Total electricity cost consumed by 2 server(s) - 4 core, 16 GB RAM server per month	USD 224,694.00
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 115,121.00
Total electricity cost over three year(s)	USD 12,233,340.00

SQL Database cost

Total CPU cores	8
SQL Server Enterprise License cost per 2 cores	USD 14,256.00
Enterprise cores	8
Total license cost	USD 57,024.00
Enterprise Software Assurance cost per 2 cores	USD 3,546.00
Enterprise cores	8
Total Software Assurance cost	USD 42,552.00
Total SQL Database cost over three year(s)	USD 99,576.00

NOTE: A minimum of four core licenses are required for each physical processor on the server or VM

Total cost over three year(s) **USD 12,392,875.00**

Total Azure compute cost over three year(s) **USD 16,381.44**

Data center cost

Azure data center cost [Chata con el personal de ventas](#)

Compute cost

Number of rack units per rack	42
Rack units required per 4 core, 16 GB RAM server	2
Number of 4 core, 16 GB RAM server	2
Total number of rack units required	4
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)	6
Data center construction cost per rack unit amortized over 20 years	USD 302.27
Data center compute cost	USD 1,813.62

Total Data center compute cost over three year(s)	USD 5,440.86
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Storage cost

Total number of rack units required for all storage	60
Number of rack units for DAS or SAN	60
Rack mounting/installation cost	USD 18,136.20

Total Data center storage cost over three year(s)	USD 54,408.60
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Total Data center cost over three year(s)	USD 59,849.46
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Total Azure data center cost over three year(s)

USD 0.00

Total Azure data center cost over three year(s)

USD 0.00

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Networking cost

Total hardware + software cost over three year(s) USD 59,959.00

Network hardware and software cost assumed to be 15% of hardware and software cost over three year(s) USD 8,993.85

Network maintenance cost assumed to be 15% of network hardware and software cost over three year(s) USD 1,349.08

Service provider cost/GB per month USD 0.15

Amount of bandwidth needed (GB) per month 15,360

Total service provider cost per month USD 2,304.00

Total networking cost over three year(s) USD 93,286.93

Azure networking cost

Total outgoing bandwidth needed per month 15 TB

Total outgoing bandwidth cost per month USD 0.15

Total Azure networking cost over three year(s) USD 5.40

Storage cost

Hardware

Local Disk/SAN-SSD
Cost per GB USD 0.40
Storage (RAID 10 configuration) volume in GB 61,440

Total storage procurement cost USD 24,576.00

Azure storage cost

Premium storage

Usable storage volume in GB 30,720
Premium Azure disk match P80
Total IOPS 20,000
Number of premium disks 1
Disk price per month USD 3,276.80

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Backup

Total backup and archive volume in GB	122,880
	HP LTO-7 BB873A
Backup volume per tape in TB	6
Number of Tape drives required	20
Cost per Tape Drive	USD 160.00

Backup and Archive cost over three year(s) USD 3,200.00

Storage Maintenance

Storage maintenance cost (10% of storage procurement cost) over three year(s)	USD 7,372.80
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Total storage maintenance cost over three year(s) USD 7,372.80

Total LRS premium disk maintenance cost over three year(s) USD 117,964.80

Backup

Total backup and archive volume in GB	122,880
Storage cost per GB	USD 0.0224
	SKU# AAA-70203

Backup and Archive maintenance cost over three year(s) USD 99,090.43

SQL Database Server storage

Usable storage volume in GB	3
Price per GB/Month	USD 0.046
Active DB Storage Cost/Month	USD 0.138
Annual storage cost per usable volume	USD 4.97

Total SQL Database Server Storage cost over three year(s) USD 14.91

SQL Database Backup storage

Billable backup storage volume in GB	1
Price per GB/Month	USD 0.24
Backup Storage Cost/Month	USD 0.24
Annual storage cost per usable volume	USD 2.88

Total SQL Database Backup Storage Cost over three year(s) USD 8.64

Total storage cost over three USD 25,148.80

year(s)	USD 35,148.80	Total Azure storage cost over three year(s)	USD 217,078.78
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IT labor cost

Azure IT labor cost

Number of IT admin hour(s) needed per year	80	Number of IT admin hour(s) needed per year	33.33
Hourly rate for IT administrator	USD 23.00	Hourly rate for IT administrator	USD 23.00

Total IT labor cost over three year(s)	USD 5,520.00	Total Azure IT labor cost over three year(s)	USD 2,299.77
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Total on-premises cost over three year(s)	USD 12,586,680.00	Total Azure cost over three year(s)	USD 235,765.00
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A total **savings** of **USD 12,350,915.00** with **Microsoft Azure**