

Calculadora del costo total de propiedad (TCO)

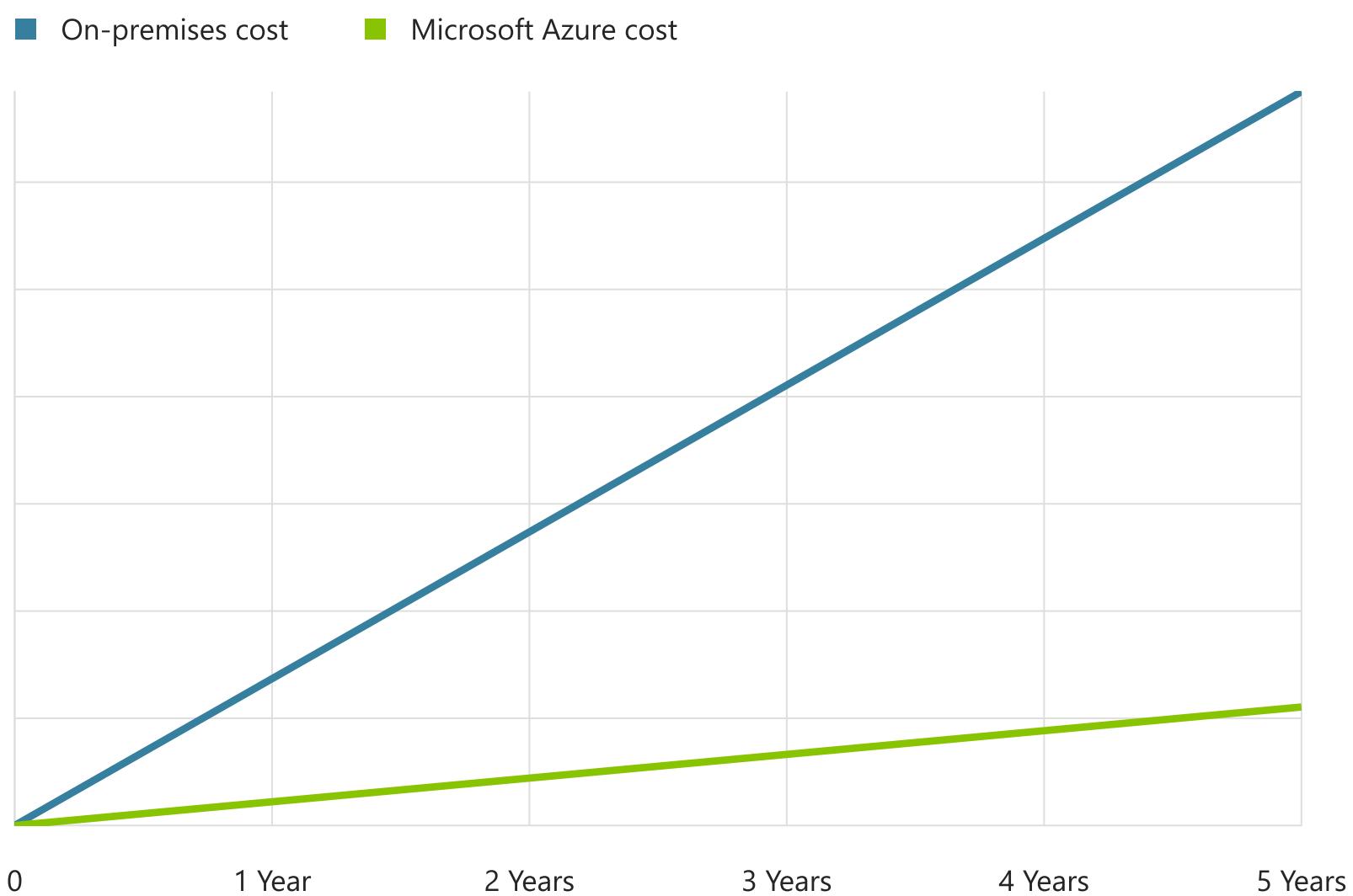
Calcule los ahorros de costos que puede realizar migrando sus cargas de trabajo a Azure

 My saved reports

Over 5 year(s) with Microsoft Azure, your estimated cost savings could be as much
as **USD 574,042**

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.



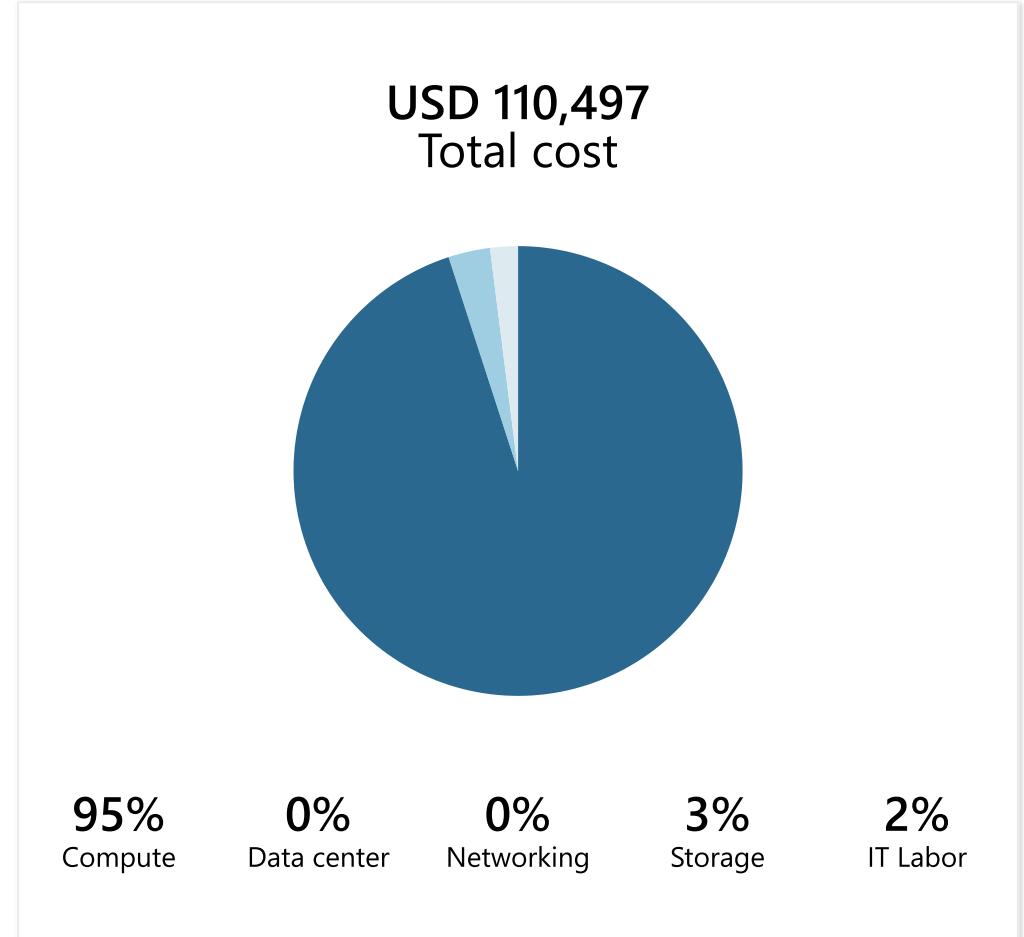
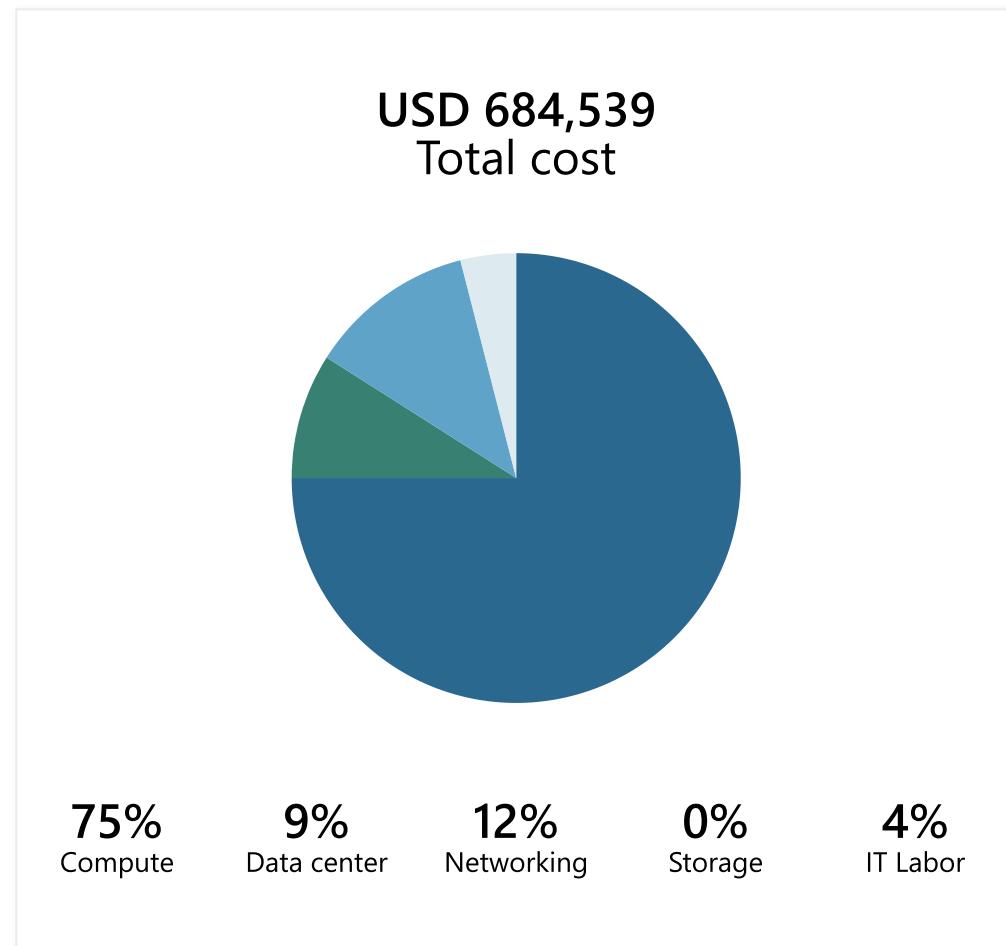
Total on-premises over 5 year(s)

 Chatee con el personal de ventas

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.



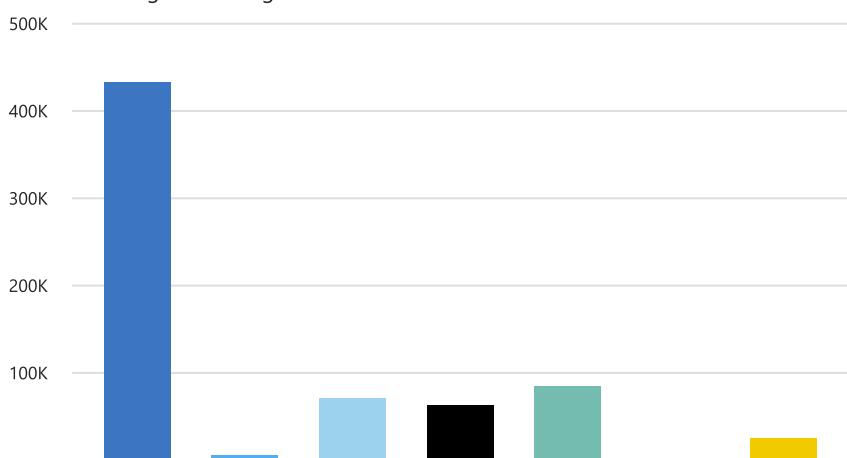
Total on-premises cost breakdown

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

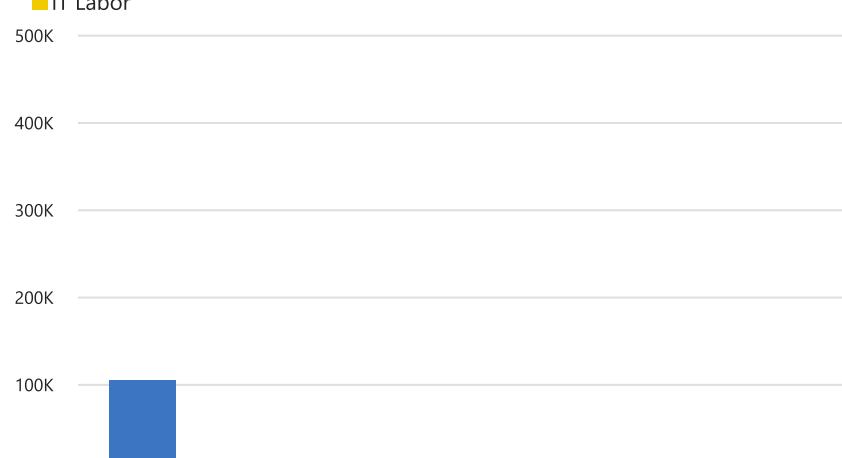
In Azure, several of the cost categories from the on-premises environment are consolidated and decrease with the efficiency that comes with the cloud.

█ Hardware █ Software █ Electricity █ Data center
█ Networking █ Storage █ IT Labor



USD 684,539
Cost over 5 year(s)

█ Compute █ Data center █ Networking █ Storage
█ IT Labor



USD 110,497
Cost over 5 year(s)

On-premises cost breakdown summary

Category	Cost
Compute	USD 510,390.80
Hardware	USD 433,506.00
Software	USD 6,155.00
Electricity	USD 70,729.80
Data Center	USD 63,476.70
Networking	USD 85,057.52
Storage	USD 313.60
IT Labor	USD 25,300.00

Azure cost breakdown summary

Category	Cost
Compute	USD 105,507.24
Data Center	USD 0.00
Networking	USD 0.60
Storage	USD 3,071.71
IT Labor	USD 1,917.05

Total	USD 684,539.00
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Total	USD 110,497.00
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Estimated on-premises cost (5 year(s))

Estimated Azure cost (5 year(s))

Compute cost

Azure compute cost

Hardware cost

Cost per 1 proc 1 core, 0.75 GB RAM physical server for Windows	USD 1,173.00
Number of servers required	1
Cost per 4 proc 8 core, 112 GB RAM physical server for Linux	USD 21,558.00
Number of servers required	10
Total cost for physical server(s)	USD 216,753.00
Cost of maintaining physical server(s) - 20% of cost of physical server(s)	USD 43,350.60
Total cost of maintaining server(s) over five year(s)	USD 216,753.00
Total hardware cost over five year(s)	USD 433,506.00

Virtual Machines cost

Number of hours per month	730
B1S Standard (1 core, 1 GB RAM) Windows	SKU# AAA-68673
Number of virtual machines	1
Total virtual machine cost per month	USD 6.454
Total Azure Virtual Machines cost	USD 387.24

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 0.067 /hr
	SKU# AAD-20058
Full time App Service instances	10
Average utilization	80 %
Auto scaling	No
Total App Service cost per month	USD 1,752.00
Total App Service cost over five year(s)	USD 105,120.00

Software cost

Cost of Windows datacenter license per 1 proc, 1 core, 0.75 GB RAM physical machine	USD 6,155.00
Number of licenses needed	1
Total software license cost	USD 6,155.00
Total software cost over five year(s)	USD 6,155.00

Electricity cost

Price of electricity per kWh	USD 0.1334
Power rating of 1 core, 0.75 GB RAM server	105 Watts

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Total electricity cost consumed by 1 server(s) - 1 core, 0.75 GB RAM server per month	USD 10.23
Power rating of 8 core, 112 GB RAM server Total electricity cost consumed by 10 server(s) - 8 core, 112 GB RAM server per month	1,200 Watts USD 1,168.60
Total electricity cost over five year(s)	USD 70,729.80
Total cost over five year(s)	USD 510,390.80
	Total Azure compute cost over five year(s) USD 105,507.24

Data center cost

Azure data center cost

Compute cost

Number of rack units per rack	42	Total Azure data center cost over five year(s)	USD 0.00
Rack units required per 1 core, 0.75 GB RAM server	1		
Number of 1 core, 0.75 GB RAM server	1		
Total number of rack units required	1		
Rack units required per 8 core, 112 GB RAM server	4		
Number of 8 core, 112 GB RAM server	10		
Total number of rack units required	40		
Total number of rack units required for all server(s)	41		
Data center construction cost per rack unit amortized over 20 years	USD 302.27		
Data center compute cost	USD 12,393.07		
Total Data center compute cost over five year(s)	USD 61,965.35		

Storage cost

Total number of rack units required for all storage	1
Number of rack units for Blob	1
Rack mounting/installation cost	USD 302.27
Total Data center storage cost over five year(s)	USD 1,511.35

Total Data center cost over five year(s)	USD 63,476.70
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Total Azure data center cost over five year(s)	USD 0.00
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Networking cost

Azure networking cost

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Total hardware + software cost over five year(s)	USD 439,661.00
Network hardware and software cost assumed to be 15% of hardware and software cost over five year(s)	USD 65,949.15
Network maintenance cost assumed to be 15% of network hardware and software cost over five year(s)	USD 9,892.37
Service provider cost/GB per month	USD 0.15
Amount of bandwidth needed (GB) per month	1,024
Total service provider cost per month	USD 153.60

Total networking cost over five year(s) **USD 85,057.52**

Total outgoing bandwidth needed per month **1 TB**
 Total outgoing bandwidth cost per month **USD 0.01**

Total Azure networking cost over five year(s) **USD 0.60**

Storage cost

Hardware

Blob	
Cost per GB	USD 0.20
Storage (RAID 10 configuration) volume in GB	512
Total storage procurement cost	USD 102.40

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	USD 160.00
Backup and Archive cost over five year(s)	USD 160.00

Storage Maintenance

Storage maintenance cost (10% of storage procurement cost) over five year(s)	USD 51.20
Total storage maintenance cost over five year(s)	USD 51.20

Total storage cost over five year(s) **USD 313.60**

Azure storage cost

Block Blob storage Hot tier

Usable storage volume in GB **256**
 Average storage cost per GB/month **USD 0.02**
 % of data being accessed frequently **100**
 SKU# N9H-01059

Annual storage cost per usable volume **USD 63.84**

Total Blob storage - Hot Tier - LRS maintenance cost over five year(s) **USD 319.20**

Backup

Total backup and archive volume in GB **2,048**
 Storage cost per GB **USD 0.0224**
 SKU# AAA-70203

Backup and Archive maintenance cost over five year(s) **USD 2,752.51**

Total Azure storage cost over five year(s) **USD 3,071.71**

IT labor cost

Azure IT labor cost	
Number of IT admin hour(s) needed per year	220
Hourly rate for IT administrator	USD 23.00
Number of IT admin hour(s) needed per year	16.67
Hourly rate for IT administrator	USD 23.00
Total IT labor cost over five year(s)	USD 25,300.00
Total Azure IT labor cost over five year(s)	USD 1,917.05
Total on-premises cost over five year(s)	USD 684,539.00
Total Azure cost over five year(s)	USD 110,497.00

A total **savings** of **USD 574,042.00** with **Microsoft Azure**