


## Calculadora del costo total de propiedad (TCO)

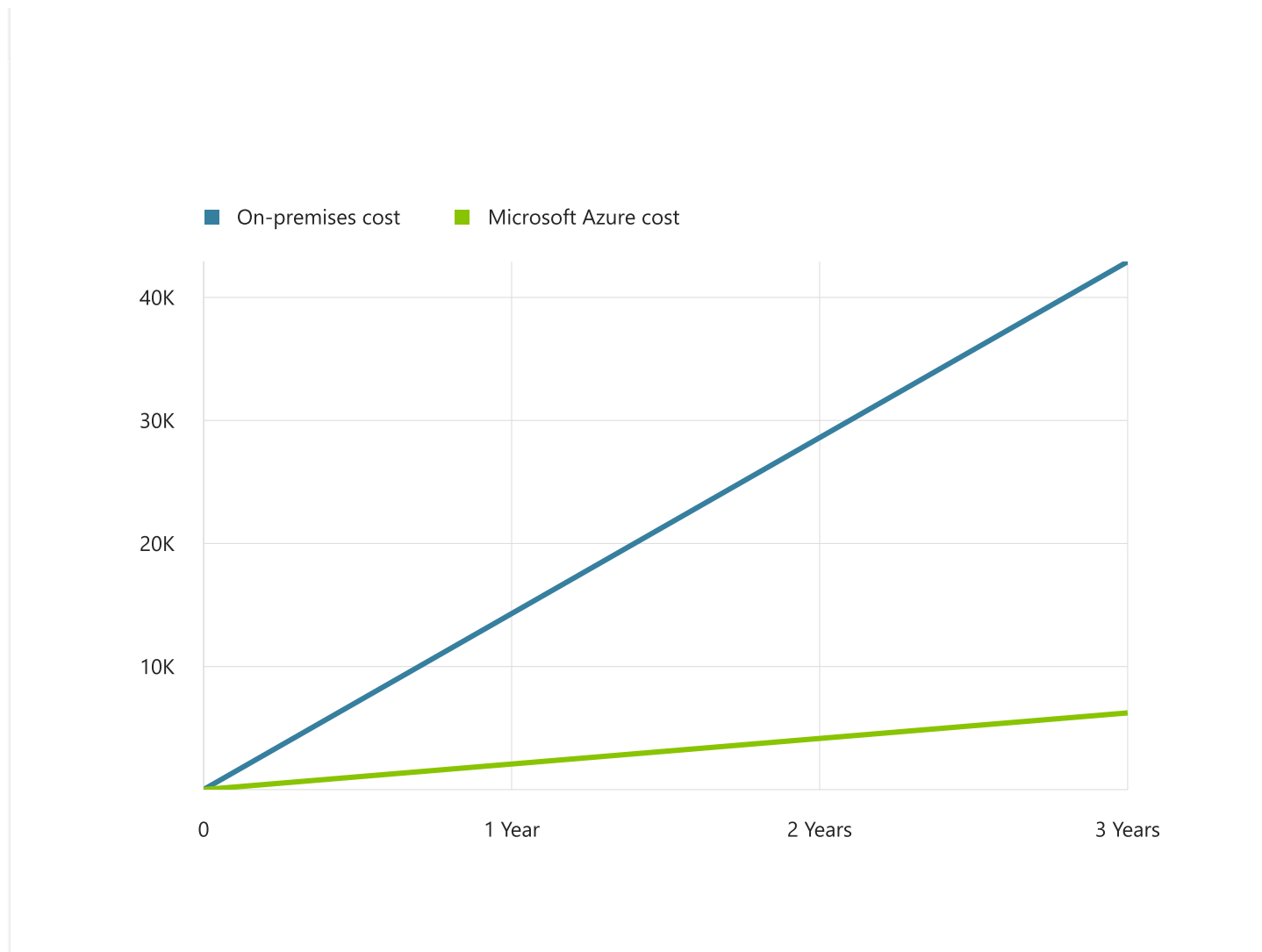
Calcule los ahorros de costos que puede realizar migrando sus cargas de trabajo a Azure

 My saved reports

Over 3 year(s) with Microsoft Azure, your estimated cost savings could be as much as **USD 36,675**

### Total on-premises vs. Azure cost over time

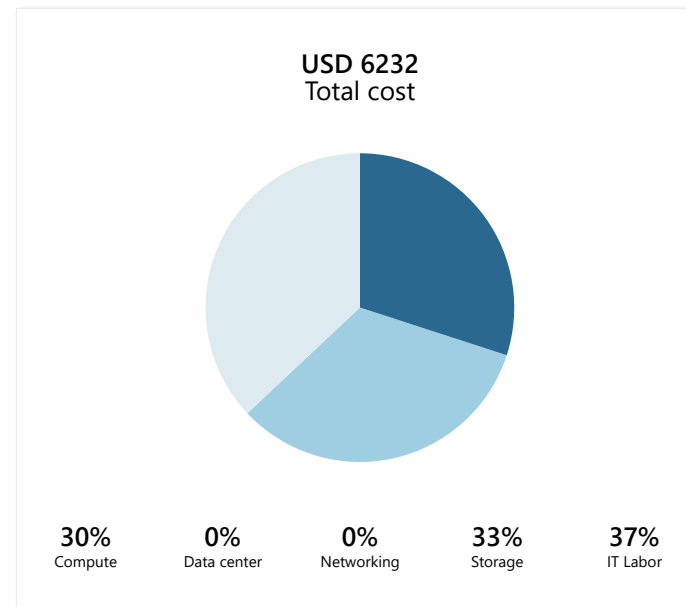
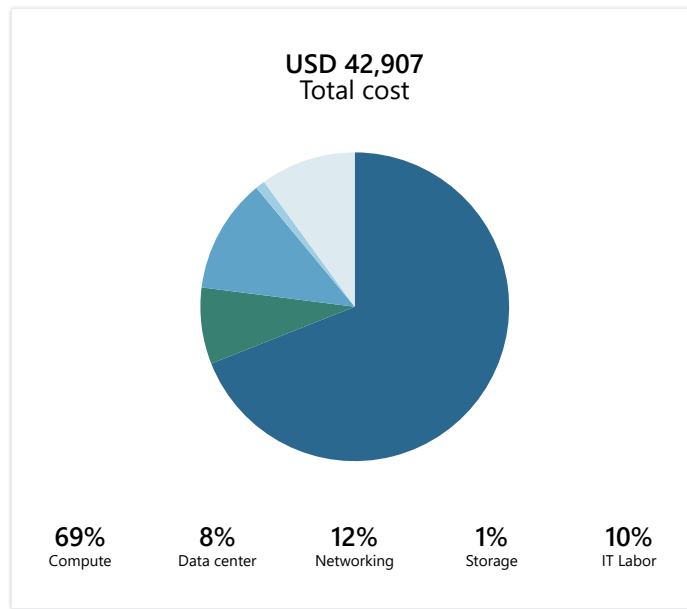
Savings from running workloads in Azure accrue over time. The following shows how those savings add up over years.

**Total on-premises over 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.

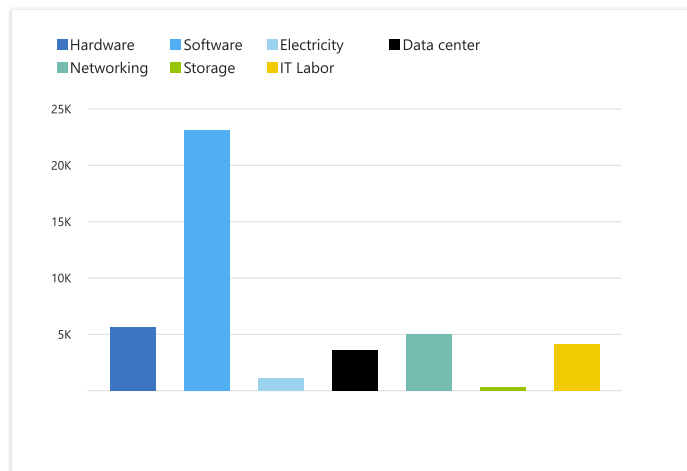


#### Total on-premises cost breakdown

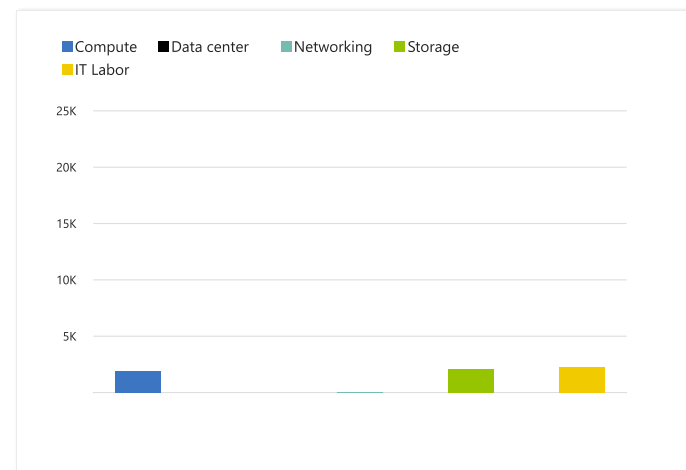
In Azure, several of the cost categories from the on-premises environment are consolidated and decrease with the efficiency that comes with the cloud.

#### 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 42,907  
Cost over 3 year(s)



USD 6232  
Cost over 3 year(s)

#### On-premises cost breakdown summary

#### Azure cost breakdown summary

| Category | Cost          |
|----------|---------------|
| Compute  | USD 29,816.49 |

|             |               |
|-------------|---------------|
| Hardware    | USD 5630.40   |
| Software    | USD 23,081.25 |
| Electricity | USD 1104.84   |
| Data Center | USD 3627.24   |
| Networking  | USD 5033.76   |
| Storage     | USD 290.00    |
| IT Labor    | USD 4140.00   |

|       |               |
|-------|---------------|
| Total | USD 42,907.00 |
|-------|---------------|

| Category    | Cost        |
|-------------|-------------|
| Compute     | USD 1870.56 |
| Data Center | USD 0.00    |
| Networking  | USD 5.40    |
| Storage     | USD 2056.51 |
| IT Labor    | USD 2299.77 |

|       |             |
|-------|-------------|
| Total | USD 6232.00 |
|-------|-------------|

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

Estimated Azure cost (3 year(s))

Compute cost

Azure compute cost

Hardware cost

|   |             |
|---|-------------|
| Cost per 1 proc 1 core, 0.75 GB RAM physical server for Windows | USD 1173.00 |
| Number of servers required                                      | 1           |

|   |                      |
|---|----------------------|
| Cost per 1 proc 1 core, 0.75 GB RAM physical server for Windows                       | USD 1173.00          |
| Number of servers required  | 1                    |
| Cost per 1 proc 1 core, 0.75 GB RAM physical server for Windows                       | USD 1173.00          |
| Number of servers required  | 1                    |
| Total cost for physical server(s)   | USD 3519.00          |
| Cost of maintaining physical server(s) - 20% of cost of physical server(s)            | USD 703.80           |
| Total cost of maintaining server(s) over three year(s)                                | USD 2111.40          |
|   |                      |
| <b>Total hardware cost over three year(s)</b>   | <b>USD 5630.40</b>   |
|   |                      |
| <b>Software cost</b>  |                      |
|   |                      |
| Cost of Windows datacenter license per 1 proc, 1 core, 0.75 GB RAM physical machine   | USD 6155.00          |
| Number of licenses needed   | 1                    |
| Cost of Windows datacenter license per 1 proc, 1 core, 0.75 GB RAM physical machine   | USD 6155.00          |
| Number of licenses needed   | 1                    |
| Cost of Windows datacenter license per 1 proc, 1 core, 0.75 GB RAM physical machine   | USD 6155.00          |
| Number of licenses needed   | 1                    |
| Total software license cost   | USD 18,465.00        |
| Total Software Assurance cost   | USD 4616.25          |
|   |                      |
| <b>Total software cost over three year(s)</b>   | <b>USD 23,081.25</b> |
|   |                      |
| <b>Electricity cost</b>   |                      |
|   |                      |
| Price of electricity per kWh  | USD 0.1334           |
| Power rating of 1 core, 0.75 GB RAM server  | 105 Watts            |
| Total electricity cost consumed by 1 server(s) - 1 core, 0.75 GB RAM server per month | USD 10.23            |
| Power rating of 1 core, 0.75 GB RAM server  | 105 Watts            |
| Total electricity cost consumed by 1 server(s) - 1 core, 0.75 GB RAM server per month | USD 10.23            |
| Power rating of 1 core, 0.75 GB RAM server  | 105 Watts            |
| Total electricity cost consumed by 1 server(s) - 1 core, 0.75 GB RAM server per month | USD 10.23            |
|   |                      |
| <b>Total electricity cost over three year(s)</b>                                      | <b>USD 1104.84</b>   |
|   |                      |
|   |                      |
| <b>Total cost over three year(s)</b>  | <b>USD 29,816.49</b> |

**Data center cost****Virtual Machines cost**

|  |                   |
|--|-------------------|
| Number of hours per month                                      | 730               |
| B1S Standard (1 core, 1 GB RAM) Windows (Azure Hybrid Benefit) | SKU# AAA-88003    |
| Number of virtual machines                                     | 1                 |
| Total virtual machine cost per month                           | USD 4.08          |
| B1S Standard (1 core, 1 GB RAM) Windows (Azure Hybrid Benefit) | SKU# AAA-88003    |
| Number of virtual machines                                     | 1                 |
| Total virtual machine cost per month                           | USD 4.08          |
|  |                   |
| <b>Total Azure Virtual Machines cost</b>                       | <b>USD 293.76</b> |

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

**App Service cost**

|  |                    |
|--|--------------------|
| B1 Basic App Service (1 core, 1.75 GB RAM)       | USD 0.075 /hr      |
|  | SKU# T2X-00016     |
| Full time App Service instances                  | 1                  |
| Average utilization                              | 80 %               |
| Auto scaling                                     | No                 |
| Total App Service cost per month                 | USD 43.80          |
|  |                    |
| <b>Total App Service cost over three year(s)</b> | <b>USD 1576.80</b> |

|  |                    |
|--|--------------------|
| <b>Total Azure compute cost over three year(s)</b> | <b>USD 1870.56</b> |
|--|--------------------|

| Azure data center cost  |                    |   |                 |
|---|--------------------|---|-----------------|
| <b>Compute cost</b>   |                    |   |                 |
| Number of rack units per rack   | 42                 |   |                 |
| Rack units required per 1 core, 0.75 GB RAM server  | 1                  |   |                 |
| Number of 1 core, 0.75 GB RAM server  | 1                  | Total Azure data center cost over three year(s) | USD 0.00        |
| Total number of rack units required   | 1                  |   |                 |
| 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 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                  |   |                 |
| 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         |   |                 |
| <b>Total Data center compute cost over three year(s)</b>  | <b>USD 2720.43</b> |   |                 |
| <b>Storage cost</b>   |                    |   |                 |
| Total number of rack units required for all storage   | 1                  |   |                 |
| Number of rack units for DAS or SAN   | 1                  |   |                 |
| Rack mounting/installation cost   | USD 302.27         |   |                 |
| <b>Total Data center storage cost over three year(s)</b>  | <b>USD 906.81</b>  |   |                 |
| <b>Total Data center cost over three year(s)</b>  | <b>USD 3627.24</b> |   |                 |
| <b>Total Azure data center cost over three year(s)</b>  |                    |   |                 |
|   |                    |   | <b>USD 0.00</b> |
| <b>Networking cost</b>  |                    |   |                 |
| <b>Azure networking cost</b>  |                    |   |                 |
| Total hardware + software cost over three year(s)   | USD 28,711.65      |   |                 |
| Network hardware and software cost assumed to be 15% of hardware and software cost over three year(s) | USD 4306.75        |   |                 |

|   |                    |
|---|--------------------|
| Network maintenance cost assumed to be 15% of network hardware and software cost over three year(s) | USD 646.01         |
| Service provider cost/GB per month  | USD 0.15           |
| Amount of bandwidth needed (GB) per month   | 15                 |
| Total service provider cost per month   | USD 2.25           |
| <hr/>   |                    |
| <b>Total networking cost over three year(s)</b>   | <b>USD 5033.76</b> |

|   |          |
|---|----------|
| Total outgoing bandwidth needed per month | 15 GB    |
| Total outgoing bandwidth cost per month   | USD 0.15 |

|   |                 |
|---|-----------------|
| <b>Total Azure networking cost over three year(s)</b> | <b>USD 5.40</b> |
|---|-----------------|

## Storage cost

### Azure storage cost

#### Hardware

|  |          |
|--|----------|
| Local Disk/SAN-HDD                           |          |
| Cost per GB                                  | USD 0.20 |
| Storage (RAID 10 configuration) volume in GB | 500      |

|                                       |                   |
|---------------------------------------|-------------------|
| <b>Total storage procurement cost</b> | <b>USD 100.00</b> |
|---------------------------------------|-------------------|

#### Backup

|                                       |            |
|---------------------------------------|------------|
| Total backup and archive volume in GB | 2048       |
|                                       | HP LTO-7   |
|                                       | BB873A     |
| Backup volume per tape in TB          | 6          |
| Number of Tape drives required        | 1          |
| Cost per Tape Drive                   | USD 160.00 |

|   |                   |
|---|-------------------|
| <b>Backup and Archive cost over three year(s)</b> | <b>USD 160.00</b> |
|---|-------------------|

#### Storage Maintenance

|   |           |
|---|-----------|
| Storage maintenance cost (10% of storage procurement cost) over three year(s) | USD 30.00 |
|---|-----------|

|  |                  |
|--|------------------|
| <b>Total storage maintenance cost over three year(s)</b> | <b>USD 30.00</b> |
|--|------------------|

|  |                   |
|--|-------------------|
| <b>Total storage cost over three year(s)</b> | <b>USD 290.00</b> |
|--|-------------------|

|                                       |            |
|---------------------------------------|------------|
| Usable storage volume in GB           | 250        |
| Storage cost per GB/month             | USD 0.045  |
| Annual storage cost per usable volume | USD 135.00 |

|  |                   |
|--|-------------------|
| <b>Total Page Blob LRS storage maintenance cost over three year(s)</b> | <b>USD 405.00</b> |
|--|-------------------|

#### Backup

|                                       |                |
|---------------------------------------|----------------|
| Total backup and archive volume in GB | 2048           |
| Storage cost per GB                   | USD 0.0224     |
|                                       | SKU# AAA-70203 |

|   |                    |
|---|--------------------|
| <b>Backup and Archive maintenance cost over three year(s)</b> | <b>USD 1651.51</b> |
|---|--------------------|

|  |                    |
|--|--------------------|
| <b>Total Azure storage cost over three year(s)</b> | <b>USD 2056.51</b> |
|--|--------------------|



## IT labor cost

## Azure IT labor cost

|  |           |
|--|-----------|
| Number of IT admin hour(s) needed per year | 60        |
| 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 three year(s) | USD 4140.00 |
|--|-------------|

|  |             |
|--|-------------|
| Total Azure IT labor cost over three year(s) | USD 2299.77 |
|--|-------------|

|   |               |
|---|---------------|
| Total on-premises cost over three year(s) | USD 42,907.00 |
|---|---------------|

|                                     |             |
|-------------------------------------|-------------|
| Total Azure cost over three year(s) | USD 6232.00 |
|-------------------------------------|-------------|

|  |
|--|
| A total <b>savings</b> of <b>USD 36,675.00</b> with <b>Microsoft Azure</b> |
|--|