

## 20 - Use the Azure TCO Calculator

In this walkthrough, you will use the Total Cost of Ownership (TCO) Calculator to generate cost comparison report for an on-premises environment.

**Note:** This walkthrough provides example definitions of on-premises infrastructure and workloads for a typical datacenter. To create a TCO Calculator report, use the example definitions or provide details of your *actual* on-premises infrastructure and workloads.

### Task 1: Configure the TCO calculator

In this task, we will add infrastructure information to the calculator.

1. In a browser, navigate to the [Total Cost of Ownership \(TCO\) Calculator](#) page.
2. To add details of your on-premises server infrastructure, click + **Add server workload** in the **Define your workloads** pane.

Settings	Value
Name	Servers: Windows VMs
Workload	Windows/Linux server
Environment	Virtual Machines
Operating system	Windows
VMs	50
Virtualization	Hyper-V
Core(s)	8
RAM (GB)	16
Optimize by	CPU
Windows Server 2008/2008 R2	Off

3. Select + **Add server workload** to make a row for a new server workloads definition.

Settings	Value
Name	Servers: Linux VMs
Workload	Windows/Linux server
Environment	Virtual Machines
Operating system	Linux
VMs	50
Virtualization	VMware

Settings	Value
Core(s)	8
RAM (GB)	16
Optimize by	CPU
Windows Server 2008/2008 R2	Off

4. In the **Storage** pane, click **Add storage**.

Settings	Value
Name	Server Storage
Storage type	Local Disk/SAN
Disk type	HDD
Capacity	60 TB
Backup	120 TB
Archive	0 TB

5. In the **Networking** pane, add bandwidth.

Settings	Value
Outbound bandwidth	15 TB

6. Click **Next**.
7. Explore the options and make any adjustments that you require.

Settings	Value
Currency	Euro

8. Click **Next**.

## Task 2: Review the results and save a copy

In this task, we will review cost saving recommendations and download a report.

1. Review the Azure cost saving recommendations and visualizations.

Settings	Value
Timeframe	3 years
Region	North Europe

2. To modify the information you provided, go to the bottom of the page, and click **Back**.

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3. To save or print a PDF copy of the report, click **Download**.

Total on-premises cost over three year(s)€9,518,639.12Total Azure cost over three year(s)€7,720,377.77

A total savings of €1,798,261.35 with Microsoft Azure

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Congratulations! You have used the TCO Calculator to generate a cost comparison report for an on-premises environment.

