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 (10 min)

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**
Core(s)	**8**
RAM (GB)	**16**
Optimize by	**CPU**

Settings	Value
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**.

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

Total on-premises cost over three year(s)	€9,518,639.12	Total 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.