

19 - Use the Pricing Calculator

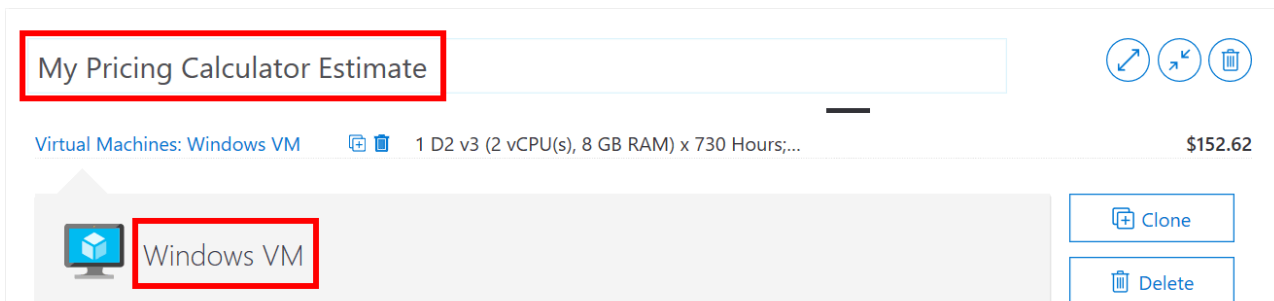
In this walkthrough, we will use the Azure Pricing Calculator to generate a cost estimate for an Azure virtual machine and related network resources.

Task 1: Configure the pricing calculator

In this task, we will estimate cost of a sample infrastructure by using the Azure Pricing Calculator.

Note: To create an Azure Pricing Calculator estimate, this walkthrough provides example configurations for the VM and related resources. Use this example configurations or provide the Azure Pricing Calculator with details of your *actual* resource requirements instead.

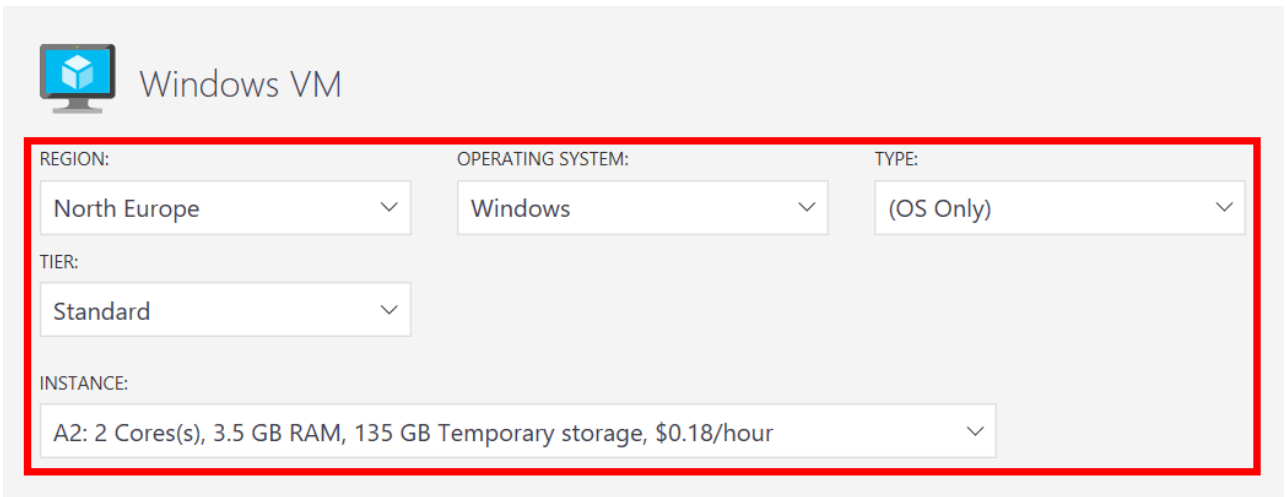
1. In a browser, navigate to the [Azure Pricing Calculator](#) webpage.
2. To add details of your VM configuration, click **Virtual Machines** on the **Products** tab. Scroll down to view the virtual machine details.
3. Replace **Your Estimate** and **Virtual Machines** text with more descriptive names for your Azure Pricing Calculator estimate and your VM configuration. This walkthrough example uses **My Pricing Calculator Estimate** for the estimate, and **Windows VM** for the VM configuration.



4. Modify the default VM configuration.

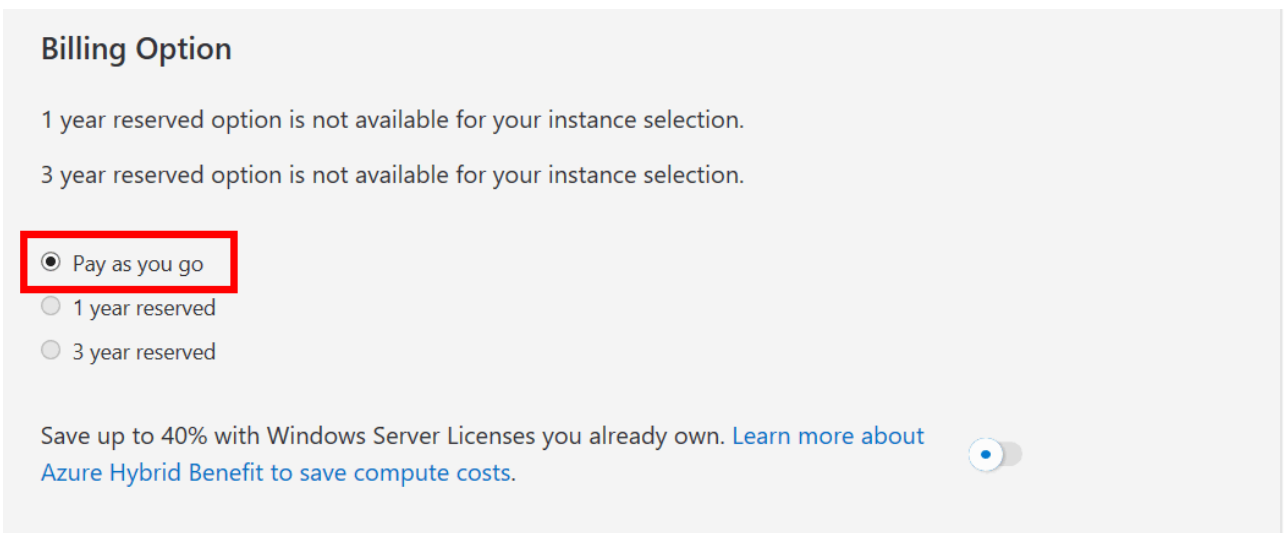
Settings	Value
Region	North Europe
Operating System	Windows
Type	(OS only)
Tier	Standard
Instance	A2: 2 Core(s), 3.5 GB RAM, 135 GB Temporary storage

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Note: The VM instance specifications and pricing may differ from those in this example. Follow this walkthrough by choosing an instance that matches the example as closely as possible. To view details about the different VM product options, choose **Product details** from the **More info** menu on the right.

5. Set the **Billing Option** to **Pay as you go**.



6. In Azure, a month is defined as 730 hours. If your VM needs to be available 100 percent of the time each month, you set the hours-per-month value to **730**. This walkthrough example requires one VM to be available 50 percent of the time each month.

Leave the number of VMs set at **1**, and change the hours-per-month value to **365**.

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Billing Option

1 year reserved option is not available for your instance selection.

3 year reserved option is not available for your instance selection.

☒ Pay as you go

☐ 1 year reserved

☐ 3 year reserved

Save up to 40% with Windows Server Licenses you already own. [Learn more about Azure Hybrid Benefit to save compute costs.](#) ☐

1
Virtual machines

×

365
Hours

= \$65.70
Per month

7. In the **Managed OS Disks** pane, modify the default VM storage configuration.

Tier	Disk size	Number of disks	Snapshot	Storage transactions
Standard HDD	S30: 1024 GiB	1	Off	10,000

Managed OS Disks

TIER:
Standard HDD

DISK SIZE:
S30: 1024 GiB, \$40.960/month

☐ ADD SNAPSHOT

1
Disks

×

\$40.96
Per month

= \$40.96

Storage transactions

10000
Transaction units
(10,000 transactions)

×

\$0.0005
Per unit

= \$5.00

8. To add networking bandwidth to your estimate, go to the top of the Azure Pricing Calculator webpage. Click **Networking** in the product menu on the left, then click the **Bandwidth** tile. In the **Bandwidth added** message dialog, click **View**.

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Internet of Things

Integration

Identity

Virtual Network
Provision private networks, optionally connect to on-premises data centers

Load Balancer
Deliver high availability and network performance to your applications

Application Gateway
Build secure, scalable, and highly available web front ends in Azure

VPN Gateway
Establish secure, cross-premises connectivity

Azure DNS
Host your DNS domain in Azure

Content Delivery Network
Ensure secure, reliable content delivery with broad global reach

Azure DDoS Protection
Protect your applications from Distributed Denial of Service (DDoS) attacks

Traffic Manager
Route incoming traffic for high performance and availability

ExpressRoute
Dedicated private network fiber connections to Azure

Network Watcher
Network performance monitoring and diagnostics solution

Bandwidth
Data transferred out of Azure data centers

IP Addresses
A dynamic or reserved address used to identify a given Virtual Machine or Cloud Service

Bandwidth added. [View](#)

9. Add a name for your VM bandwidth configuration. This walkthrough example uses the name **Bandwidth: Windows VM**. Modify the default bandwidth configuration by adding the following details.

Region	Zone 1 Outbound Data Transfer Amount
North Europe	50 GB

Bandwidth: Windows VM

REGION:
North Europe

Outbound Data Transfer

i The first 5 GB/Month of data transfer is free in each zone.

Zone 1: North America, Europe

50
GB

= \$3.91

10. To add an Application Gateway, return to the top of the Azure Pricing Calculator webpage. In the **Networking** product menu, click the **Application Gateway** tile. In the **Application Gateway** message dialog, click **View**.

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Application Gateway added.
[View](#)

11. Add a name for your Application Gateway configuration. This walkthrough uses the name **App Gateway: Windows VM**. Modify the default Application Gateway configuration by adding the following details.

Settings	Value
Region	North Europe
Tier	Basic
Size	Small
Instances	1
Hours	365
Data processed	50 GB
Zone 1: North America, Europe	50 GB

App Gateway: Windows VM

REGION: North Europe
TIER: Basic
SIZE: Small

Gateway hours

1 Instances × 365 Hours = \$10.22

Data processed

50 GB = \$0.40

Zone 1: North America, Europe

50 GB = \$3.91

Sub-total \$14.54

Task 2: Review the pricing estimate

In this task, we will review the results of the Azure Pricing Calculator.

1. Scroll to the bottom of the Azure Pricing Calculator webpage to view total **Estimated monthly cost**.
Note: Explore the various options available within the Azure Pricing Calculator. For example, this walkthrough requires you to update the currency to Euro.
2. Change the currency to Euro, then select **Export** to download a copy of the estimate for offline viewing in Microsoft Excel (`.xlsx`) format.

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Estimated monthly cost

Export

Save

Share

€109.72

Euro (€)

Prices are estimates and are not intended as actual price quotes. Actual prices may vary depending upon the date of purchase, currency of payment, and type of agreement you enter with Microsoft. Contact a Microsoft sales representative for additional information on pricing.

Purchase options >

What do you want to do with ExportedEstimate.xlsx (56.2 KB)?
From: azure.microsoft.com

Open

Save

Cancel

Microsoft Azure Estimate

My Pricing Calculator Estimate

Service type	Custom name	Region	Description	Estimated Cost
Virtual Machines	Windows VM	North Europe	1 A2 (2 vCPU(s), 3.5 GB RAM) x 365 Hours; Windows – (OS Only);	€94.16
Bandwidth	Bandwidth: Windows VM	North Europe	Zone 1: North America, Europe, 50 GB	€3.30
Application Gateway	App Gateway: Windows VM	North Europe	Basic tier, Small Instance size: 1 Gateway hours instance(s) x 365 H	€12.26
Support			Support	€0.00
			Licensing Program	Microsoft Online S
			Monthly Total	€109.72
			Annual Total	€1,316.66

Disclaimer

All prices shown are in Euro (€). This is a summary estimate, not a quote. For up to date pricing information please visit
This estimate was created at 3/30/2019 10:01:38 PM UTC.

Congratulations! You downloaded an estimate from the Azure Pricing Calculator.