

# 19 - Use the Pricing Calculator (10 min)

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.

My Pricing Calculator Estimate

Virtual Machines: Windows VM

1 D2 v3 (2 vCPU(s), 8 GB RAM) x 730 Hours;...

\$152.62

Windows VM

Clone

Delete

- 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

Windows VM

REGION:

North Europe

OPERATING SYSTEM:

Windows

TYPE:

(OS Only)

TIER:

Standard

INSTANCE:

A2: 2 Cores(s), 3.5 GB RAM, 135 GB Temporary storage, \$0.18/hour

**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**.

### 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.](#)



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 . This walkthrough example requires one VM to be available 50 percent of the time each month.

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

### 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.](#)



Virtual machines

 × 

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

Disks

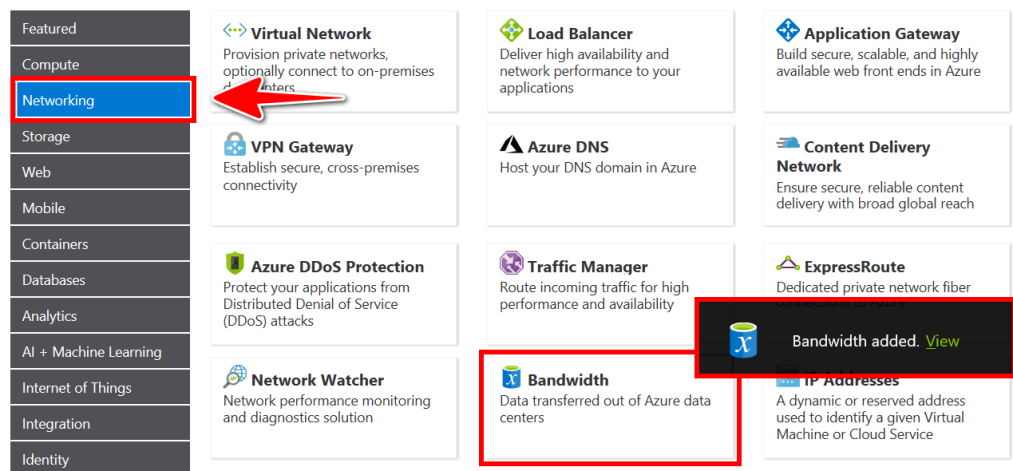
 × \$40.96  
Per month = \$40.96

### Storage transactions

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**.



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**

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

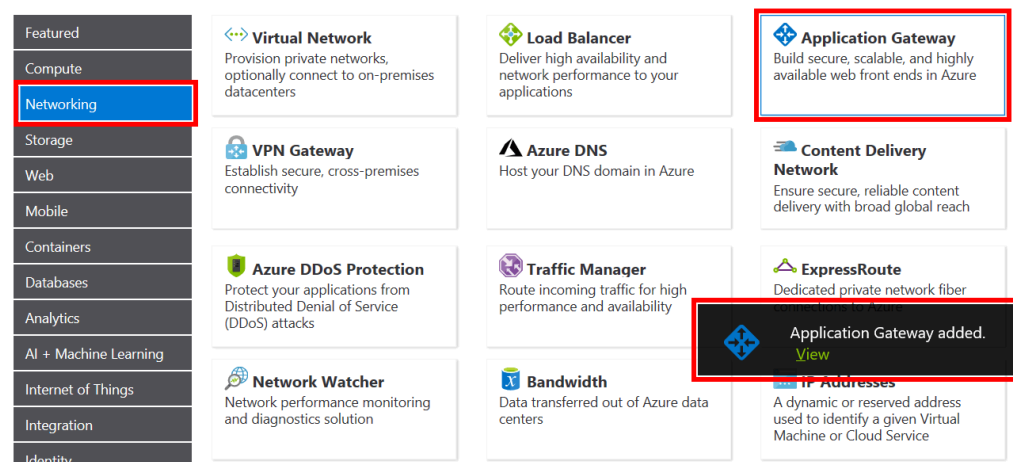
**Zone 1: North America, Europe**

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**.



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


App Gateway: Windows VM

REGION:

North Europe

TIER:

Basic

SIZE:

Small

Gateway hours

1

×

365

Instances

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.

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

OpenSaveCancel

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.