

19 - Use the Pricing Calculator

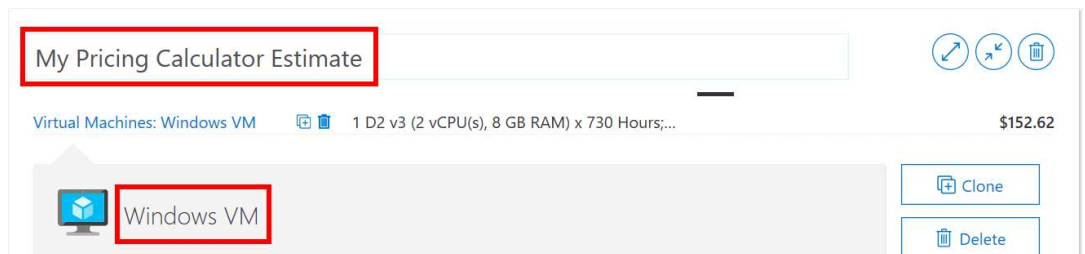
In this walkthrough, we will use the Azure Pricing Calculator to generate a cost estimate for an Azure virtual machine and related network resources.

Task 1: Configure the pricing calculator (10 min)

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.

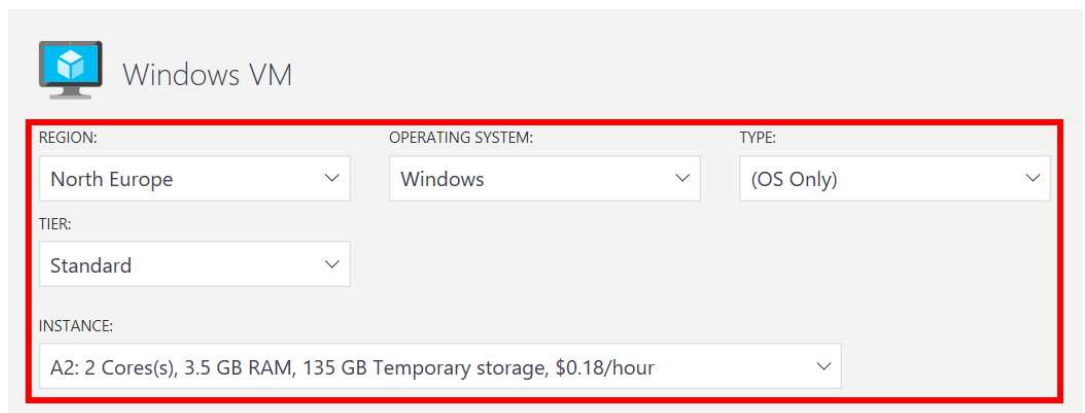
1. In a browser, navigate to the [Azure Pricing Calculator](#) webpage.
2. To add details of your VM configuration, click **Virtual Machines** on the **Products** tab. Scroll down to view the virtual machine details.
3. Replace **Your Estimate** and **Virtual Machines** text with more descriptive names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

| Region | | Operating system | Type |
|--------------|--|------------------|-----------|
| North Europe | | Windows | (OS only) |

| Tier | Instance |
|----------|---|
| Standard | A2: 2 Core(s), 3.5 GB RAM, 135 GB Temporary storage |



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 **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**.

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

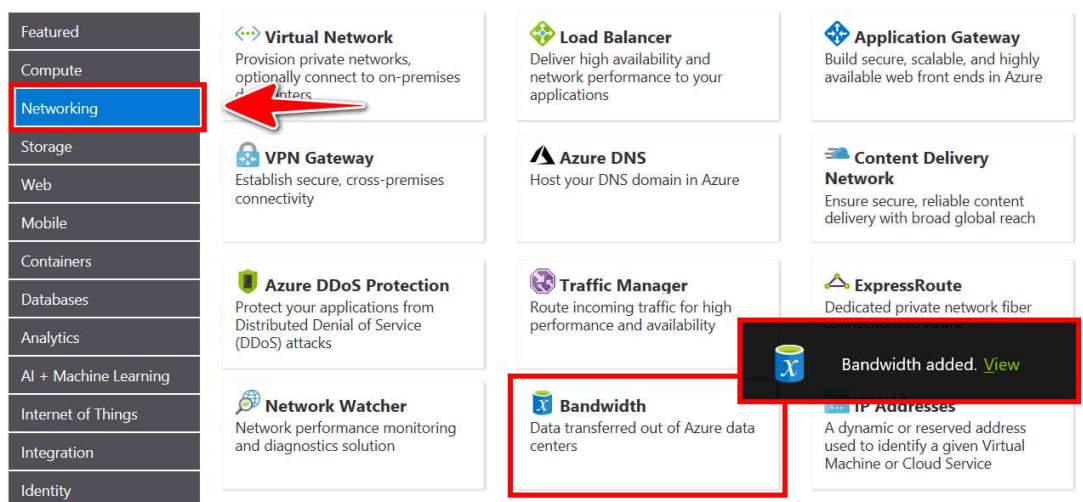
10000
Transaction units
(10,000 transactions)

×

\$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**.



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.

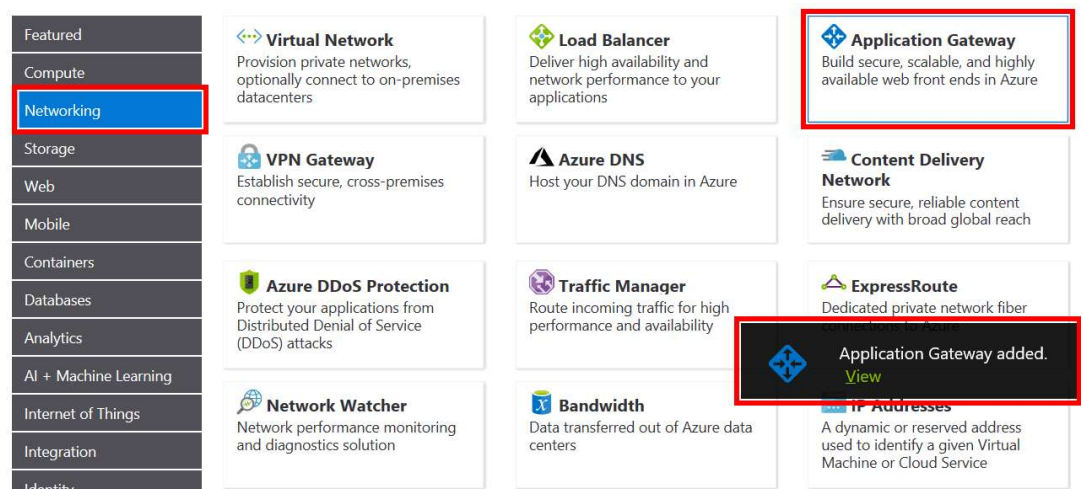
Zone 1: North America, Europe

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.

| Region | Tier | Size |
|--------|------|------|
|--------|------|------|

| Region | Tier | Size |
|-------------------------------|-------|-------|
| North Europe | Basic | Small |
| | | |
| Instances | Hours | |
| 1 | 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
x
365
=
\$10.22

Instances
Hours

Data processed

50
=
\$0.40

GB

Zone 1: North America, Europe

50
=
\$3.91

GB

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.