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Azure
Azure Bastion #1

Do you know **Azure Bastion**?

Not at all.

Well Azure Bastion is a **PaaS service** that allows you to connect to Linux or Windows VMs without them being exposed on the Internet.

In fact, this is called jumpserver or jumpbox?!

Exactly.

This will allow you to administer your servers remotely in complete security.

Its very important.

There are currently 2 service levels, **Basic** and **Standard**, which offer different features.

A silly question, is there no risk of traffic jams if there is a lot of traffic on it?

It all depends if Azure Bastion has been configured correctly.

The Standard tier, for example, supports scaling mechanism which will allow you to configure the number of instances you need and thus avoid this potential traffic issue.

It's great news to be able to offer more concurrent sessions, if needed.

And in addition, the installation of **Azure Bastion** is very easy.

The only requirement is that you need a dedicated /26 subnet.

next

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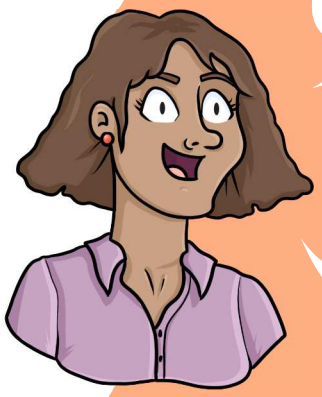
Azure
Azure Bastion #2

On the other hand, today there is a little constraint. To use Azure Bastion, an Azure account is mandatory.

Indeed, this can sometimes be tricky for partners, for example.



Yes, completely.

But a new feature is currently in Preview, the **Shareable link**.

It will allow you to simply connect to your Azure VMs through your favorite browser.

Great.

Obviously, the flows between your bastion and your VMs must be authorized on port 443, to establish the connection.

Got it.

But, can we connect to resources other than VMs?

Yes, you can connect to **VMs** deployed with the **DevTest Labs** service, but also on **Virtual Machine Scale Sets** (**VMSS**).

Really nice!

And if I want to monitor the state of my bastion, is it possible?

Absolutely.

You have various **metrics** to monitor availability, traffic or even performance.

You can of course monitor and manage user sessions.

And of course configure logs to have more detailed information.

Azure Bastion seems like a great service for someone who doesn't want to manage jumpserver while keeping in mind that it's completely secure and supports scaling mechanism.

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Thank you!

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