

# About me

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# Welcome to a new session about

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## Azure Bastion


Video type: Nugget

Video category: Level-200

# Session Agenda

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- What is Azure bastion
  - Why Azure bastion?
  - Which RBAC roles required
  - Azure bastion pricing
  - Demo

# What is Azure bastion

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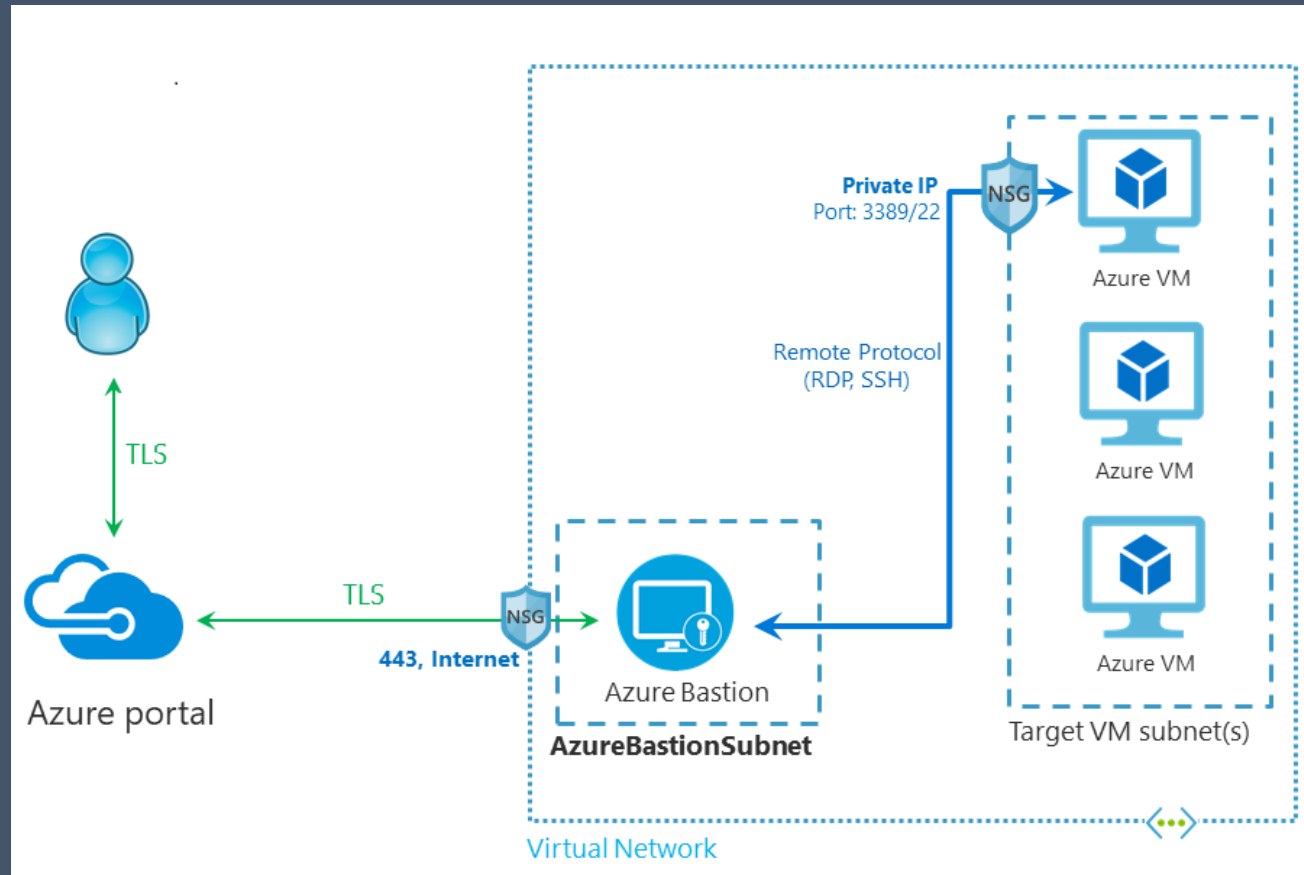
- Fully managed PaaS services
- Act as a reverse proxy
- Remote management tool for RDP/SSH
- No public IP on VMs required
- No S2S/P2S VPN required



# Take a look

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- No public ip on VMs
- RDP an SSH access
- NSG allowed on bastion host
- Easy to provision
- Harden your external access

# Why Azure bastion

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- RDP and SSH directly in Azure portal
- Remote Session over TLS
- No Public IP required on the Azure VM
- No hassle of managing Network Security Groups
- Protection against port scanning
- Protect against zero-day exploits. Hardening in one place only
- Typically, browsers are supported (HTML5 support required)



Only:

- Reader role on the virtual machine.
- Reader role on the NIC with private IP of the virtual machine.
- Reader role on the Azure Bastion resource.
- Reader Role on the Virtual Network (Only if you are using VNet peering).



## Basic

- Connect to target VMs in peered virtual networks
- Access Linux VM Private Keys in Azure Key Vault
- –

## Standard (preview)

- Connect to target VMs in peered virtual networks
- Access Linux VM Private Keys in Azure Key Vault
- Host scaling



# Azure bastion pricing continue

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## Basic (only 2 instances)

- €0,161 / hour

## Standard (preview)

- €0,245 / hour
- €0,119 / hour (additional)

## Outbound data transferer (Europe = Zone1)

- First 5GB / month **Free**
- > 5 GB – 10TB / month **0,0734€ / GB**
- 10TB – 50 TB / month **0,0700€ / GB**
- 50TB – 100TB / month **0,0591€ / GB**
- 150TB – 500TB / month **0,0422€ / GB**

# Switch to the Live Demo!

APPLAUSE

- Provision Azure bastion host
- VNet peering and Azure bastion host
- Connect to Windows VM
- Connect to Linux VM

