

## Evidência Azure Mod 04 - Rodrigo Ricoy Marques

quinta-feira, 2 de maio de 2024 21:22

### Criação da VNET

Microsoft Azure Upgrade Search resources, services, and docs (G+) Home > Vnetbootcamp-1714693463143 | Overview > Vnetbootcamp Virtual network

virtual machine Move Delete Refresh Give feedback

Monitoring Diagram

Essentials

Resource group (move) : tcb-mod4  
Location (move) : East US  
Subscription (move) : Azure subscription 1  
Subscription ID : 859789ea-629c-4f9b-b0b5-c73577815737

Address space : 10.0.0.0/16  
DNS servers : Azure provided DNS service  
Flow timeout : Configure  
BGP community string : Configure  
Virtual network ID : d24c64d5-9563-4535-9738-8c806ca38e50

Tags (edit) Add tags

Topology Properties Capabilities (5) Recommendations Tutorials

DDoS protection : Configure additional protection from distributed denial of service attacks. Not configured

Azure Firewall : Protect your network with a stateful L3-L7 firewall. Not configured

Peerings : Seamlessly connect two or more virtual networks. Not configured

### Criação da Virtual Machine

Microsoft Azure Upgrade Search resources, services, and docs (G+) Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20240502204550 | Overview > app01 Virtual machine

Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Connect Networking Settings Availability + scale Security Backup + disaster recovery Operations Monitoring Automation

⚠️ app01 virtual machine agent status is not ready. Troubleshoot the issue →

Essentials

Resource group (move) : tcb-mod4  
Status : Running  
Location : East US (Zone 1)  
Subscription (move) : Azure subscription 1  
Subscription ID : 859789ea-629c-4f9b-b0b5-c73577815737  
Availability zone : 1

Operating system : Linux (ubuntu 20.04)  
Size : Standard B1s (1 vcpu, 1 GiB memory)  
Public IP address : -  
Virtual network/subnet : Vnetbootcamp/default  
DNS name : -  
Health state : -

Tags (edit) Add tags

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine Computer name app01

Networking Public IP address -

### Criação do Virtual Network Gateway

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Microsoft.VirtualNetworkGateway-20240502205006 | Overview >

# vpnbootcamp

Virtual network gateway

Search Refresh Move Delete

Overview JSON View

Essentials

Resource group (move) : tcb-mod4	SKU : VpnGw2AZ
Location : East US	Gateway type : VPN
Subscription (move) : Azure subscription 1	VPN type : Route-based
Subscription ID : 859789ea-629c-4f9b-b0b5-c73577815737	Virtual network : Vnetbootcamp/GatewaySubnet
Public IP address : 172.208.85.14 (vpnbootcamp-ip)	

Tags (edit) Add tags

Health check Go to Resource health

Documentation View documentation

Show data for last 1 hour 6 hours 12 hours 1 day 7 days 30 days

Total tunnel ingress Total tunnel egress

### Configuração do Point-to-site

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Microsoft.VirtualNetworkGateway-20240502205006 | Overview > vpnbootcamp

# vpnbootcamp | Point-to-site configuration

Virtual network gateway

Search Save Discard Delete Download VPN client

Address pool \* 172.16.0.0/24

Tunnel type IKEv2 and SSTP (SSL)

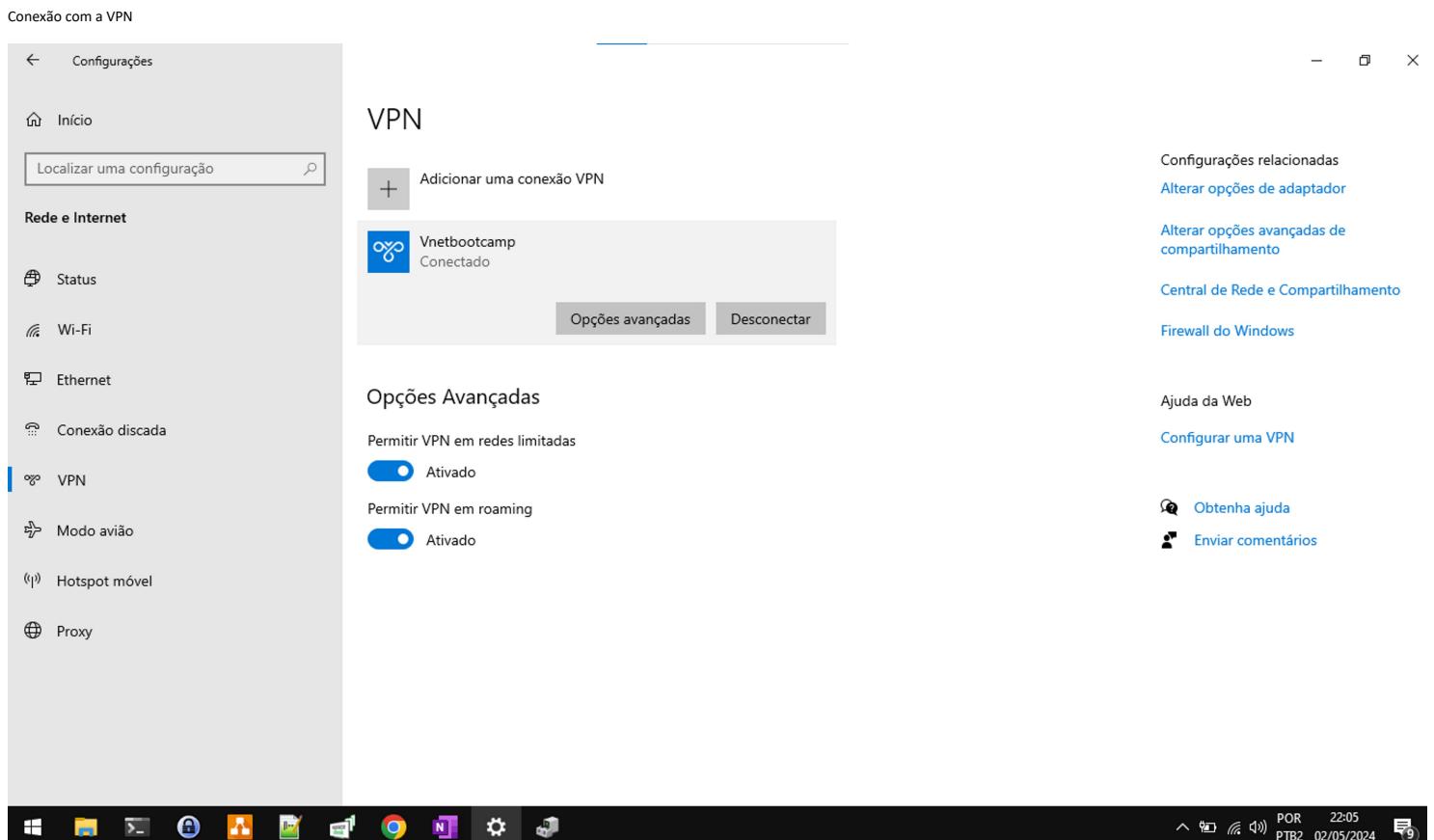
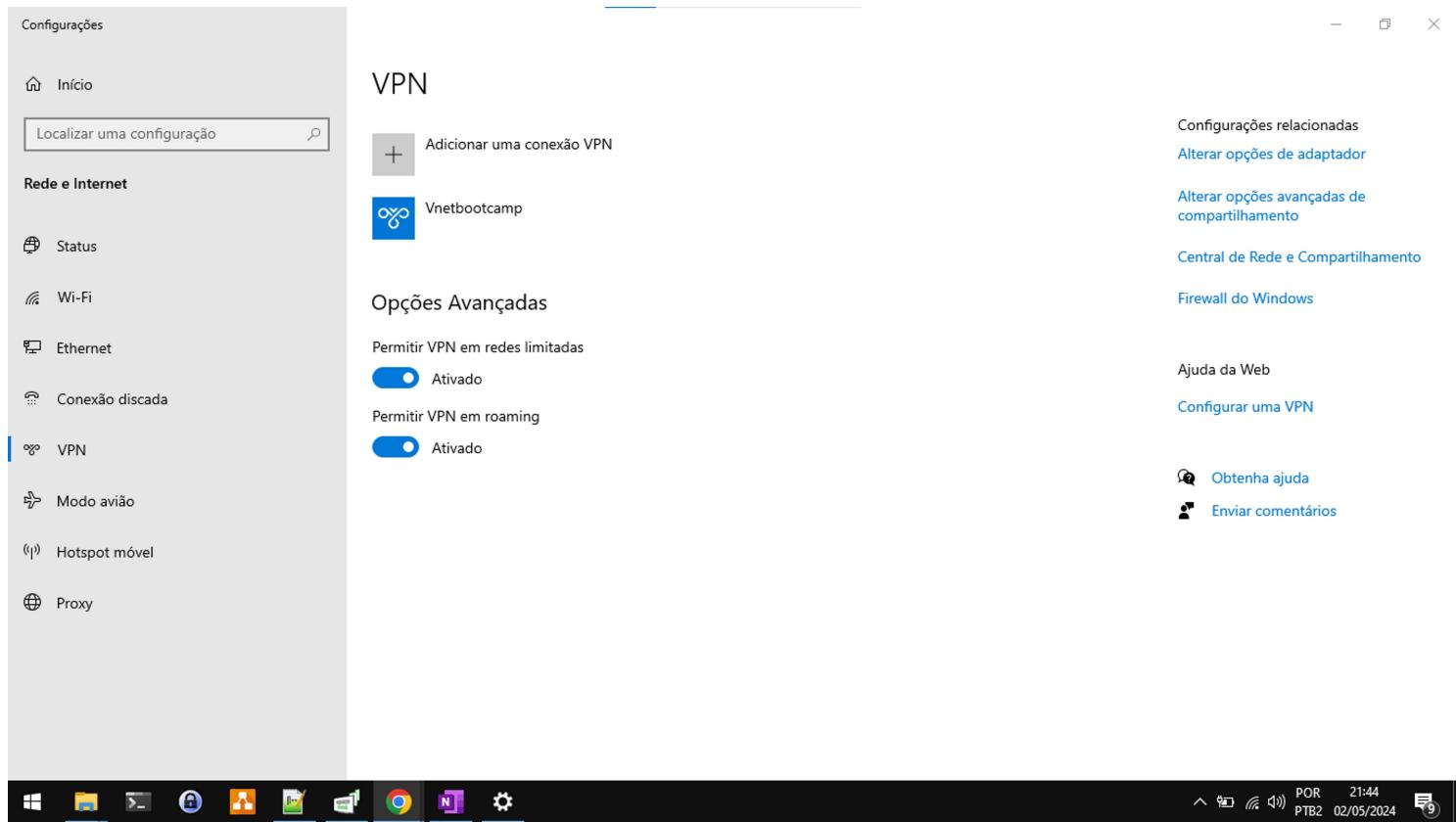
Authentication type Azure certificate

Root certificates

Name	Public certificate data
P2SRootCert	MII... MIIC5zCCAc+gAwIBAgIQLxahT7hRFK1K55uw4M+xezA... <span>...</span>
<span>Import</span>	

Revoked certificates

### Setup da VPN no Windows



Teste ping no ip da Virtual Machine

```
Windows PowerShell
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Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\rodri> ping 10.0.0.4

Disparando 10.0.0.4 com 32 bytes de dados:
Resposta de 10.0.0.4: bytes=32 tempo=135ms TTL=64
Resposta de 10.0.0.4: bytes=32 tempo=144ms TTL=64
Resposta de 10.0.0.4: bytes=32 tempo=138ms TTL=64
Resposta de 10.0.0.4: bytes=32 tempo=137ms TTL=64

Estatísticas do Ping para 10.0.0.4:
  Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de perda),
Aproximar um número redondo de vezes em milissegundos:
  Mínimo = 135ms, Máximo = 144ms, Média = 138ms
PS C:\Users\rodri> |
```

```
PS C:\Users\rodri\Downloads> ssh -i app01_key.pem azureuser@10.0.0.4
The authenticity of host '10.0.0.4 (10.0.0.4)' can't be established.
ECDSA key fingerprint is SHA256:uA9ytUyuNIWGVxE9o513uH1P8tKhoeqoKQWQx42jjztC4.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.0.4' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1061-azure x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Fri May  3 01:09:06 UTC 2024

System load:  0.09      Processes:          101
Usage of /:   5.0% of 28.89GB  Users logged in:     0
Memory usage: 31%           IPv4 address for eth0: 10.0.0.4
Swap usage:   0%

* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

3 updates can be applied immediately.
2 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software;
```

Teste execução do Apache Instalado na Virtual Machine

Não seguro 10.0.0.4

Vivo Viagens arquitetura Teste de Software dev útil Investimentos Data Science Para ler Inglês The Cloud Bootcam... LAB - Amazon Web...

# Apache2 Ubuntu Default Page

**It works!**

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

## Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   '-- ports.conf
|-- mods-enabled
|   '-- *.load
|   '-- *.conf
|-- conf-enabled
|   '-- *.conf
|-- sites-enabled
```

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