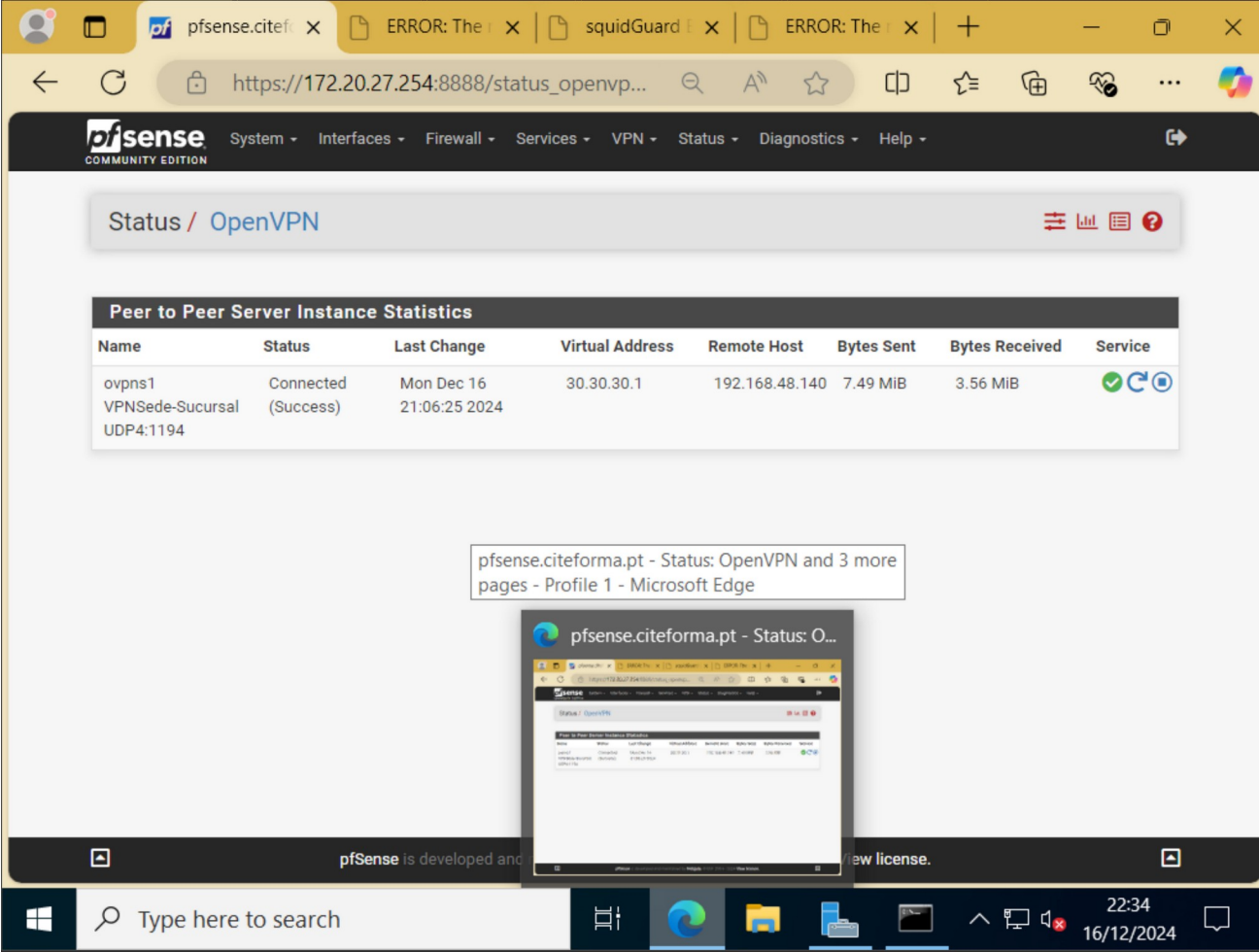


Inserir um screenshot para cada objetivo das aulas da UFCD: 1. VPN site to site, 2. Proxy, 3. Webserver.

1) VPN Site to Site

a) Sede



b) Sucursal

The screenshot displays the pfSense web interface, specifically the OpenVPN status page. The browser's address bar shows the URL `192.168.10.254/status_openvpn.php`. The pfSense header includes navigation links for System, Interfaces, Firewall, Services, VPN, Status, Diagnostics, and Help. The main content area is titled "Status / OpenVPN" and features a "Client Instance Statistics" table.

Name	Status	Last Change	Local Address	Virtual Address	Remote Host	Bytes Sent	Bytes Received
ovpnc1	Connected	Mon Dec 16	192.168.48.140:37099	30.30.30.2	192.168.48.138:1194	2.19 MiB	4.32 MiB
VPNSucursal-	(Success)	21:40:06 2024					
Sede UDP4							

At the bottom of the interface, a footer states: "pfSense is developed and maintained by Netgate. © ESF 2004 - 2024 View license."

2) Sede

a) lpi.org bloqueado

ERROR

The requested URL could not be retrieved

The following error was encountered while trying to retrieve the URL: <https://172.20.27.254:8888/sgerror.php?>

Unable to forward this request at this time.

This request could not be forwarded to the origin server or to any parent caches.

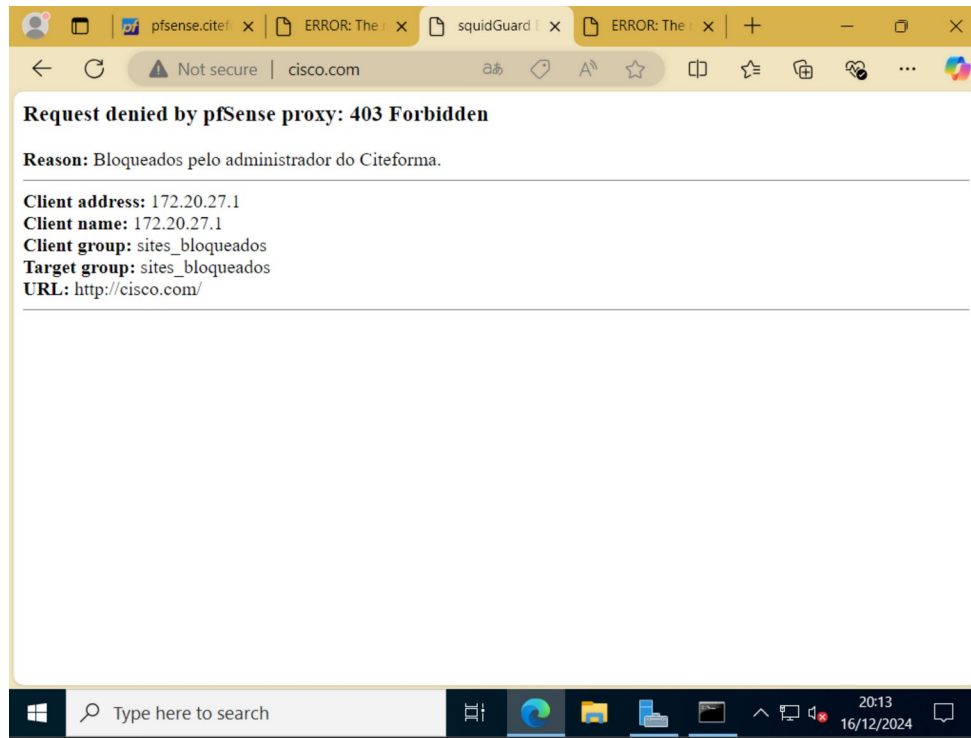
Some possible problems are:

- An Internet connection needed to access this domains origin servers may be down.
- All configured parent caches may be currently unreachable.
- The administrator may not allow this cache to make direct connections to origin servers.

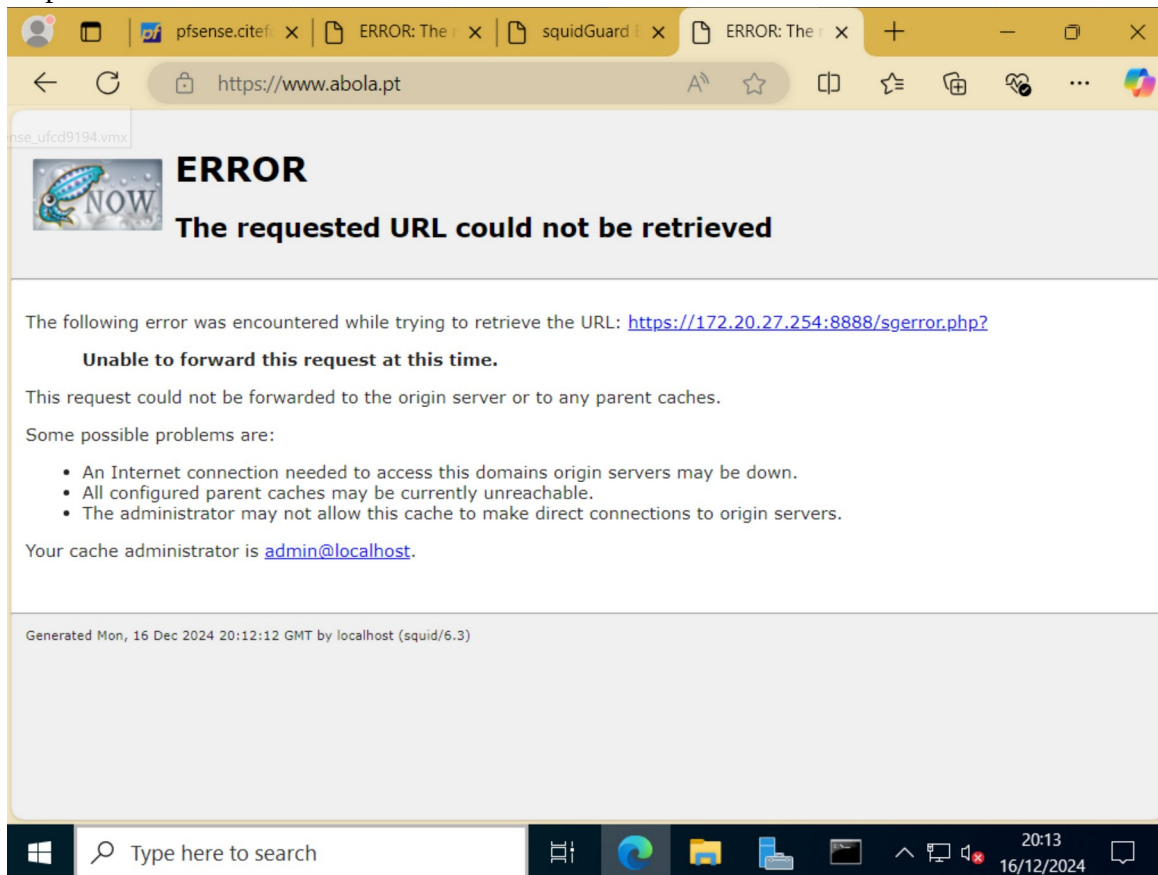
Your cache administrator is admin@localhost.

Generated Mon, 16 Dec 2024 19:54:15 GMT by localhost (squid/6.3)

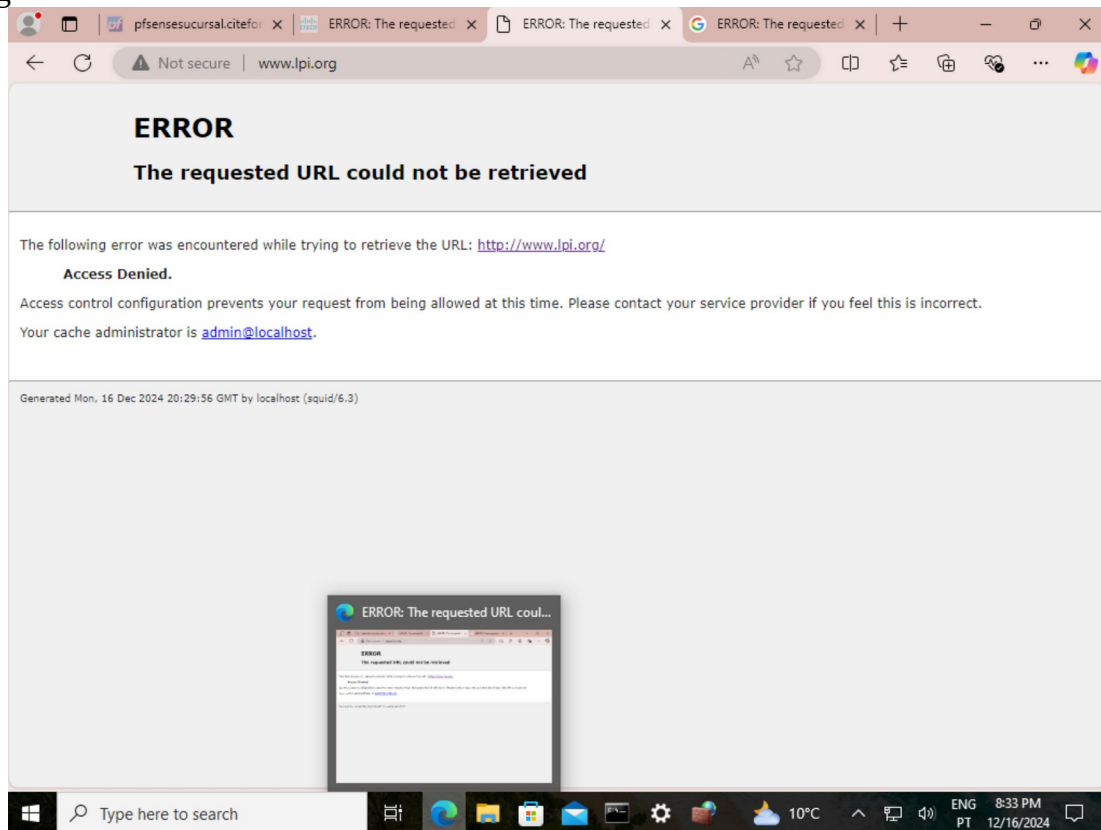
b) Cisco.com



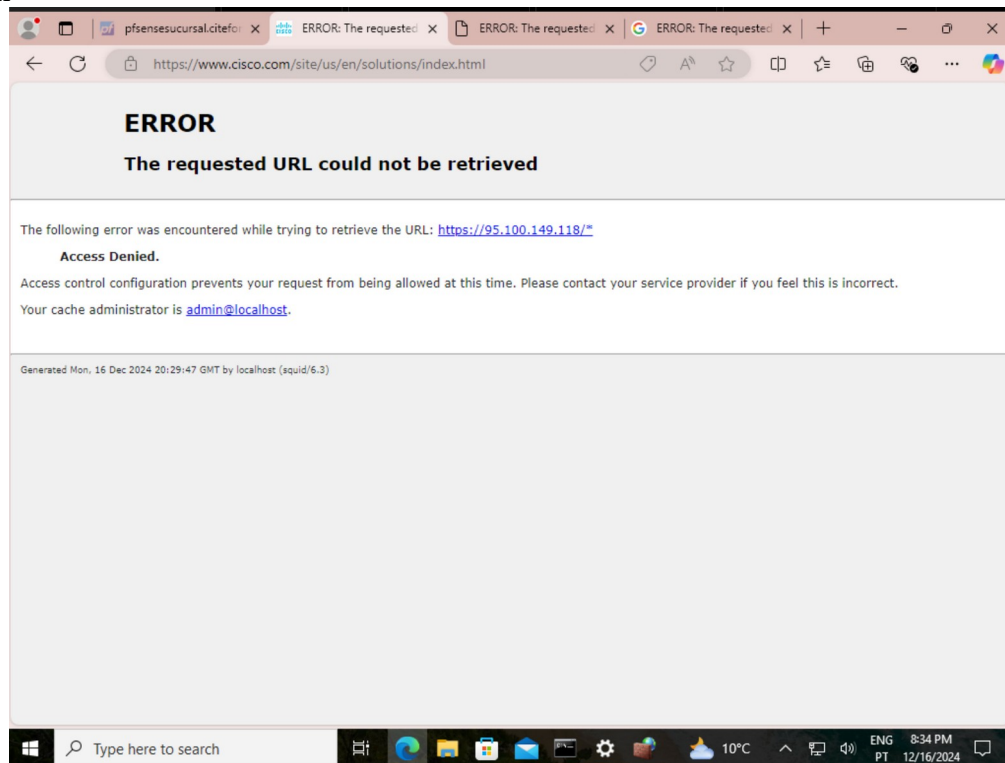
c) abola.pt



- 2) Sucursal
a) lpi.org



- b) cisco.com



c) abola.pt (pesquisa Google)

pfensesucursal.citefor x ERROR: The requested x ERROR: The requested x ERROR: The requested x

https://www.google.pt/search?q=abola&scas_esv=f635f8d56babab23&source=hp...

ERROR

The requested URL could not be retrieved

The following error was encountered while trying to retrieve the URL: <https://172.20.27.254:8888/sgerror.php?>

Unable to forward this request at this time.

This request could not be forwarded to the origin server or to any parent caches.

Some possible problems are:

- An Internet connection needed to access this domains origin servers may be down.
- All configured parent caches may be currently unreachable.
- The administrator may not allow this cache to make direct connections to origin servers.

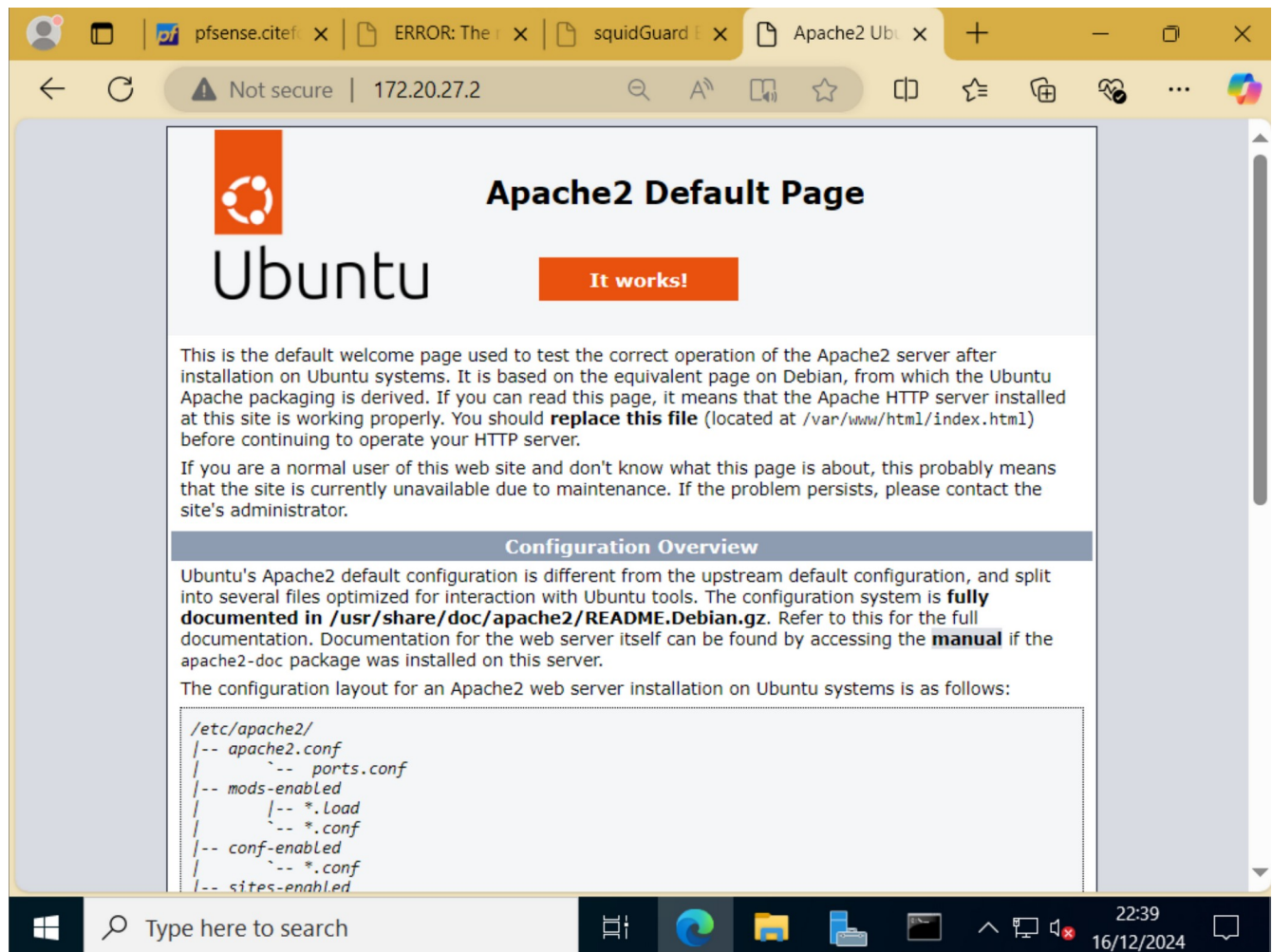
Your cache administrator is admin@localhost.

Generated Mon, 16 Dec 2024 20:32:33 GMT by localhost (squid/6.3)

Type here to search

ENG 8:32 PM 12/16/2024

3) Webserver Sede



The screenshot shows a web browser window with the following elements:

- Browser Tabs:** pfSense.citef, ERROR: The, squidGuard, Apache2 Ubuntu.
- Address Bar:** Not secure | 172.20.27.2
- Page Title:** Apache2 Default Page
- Ubuntu Logo:** The Ubuntu logo is displayed on the left side of the page.
- It works! Button:** A green button with the text "It works!" is located on the right side of the page.
- Main Text:**

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.

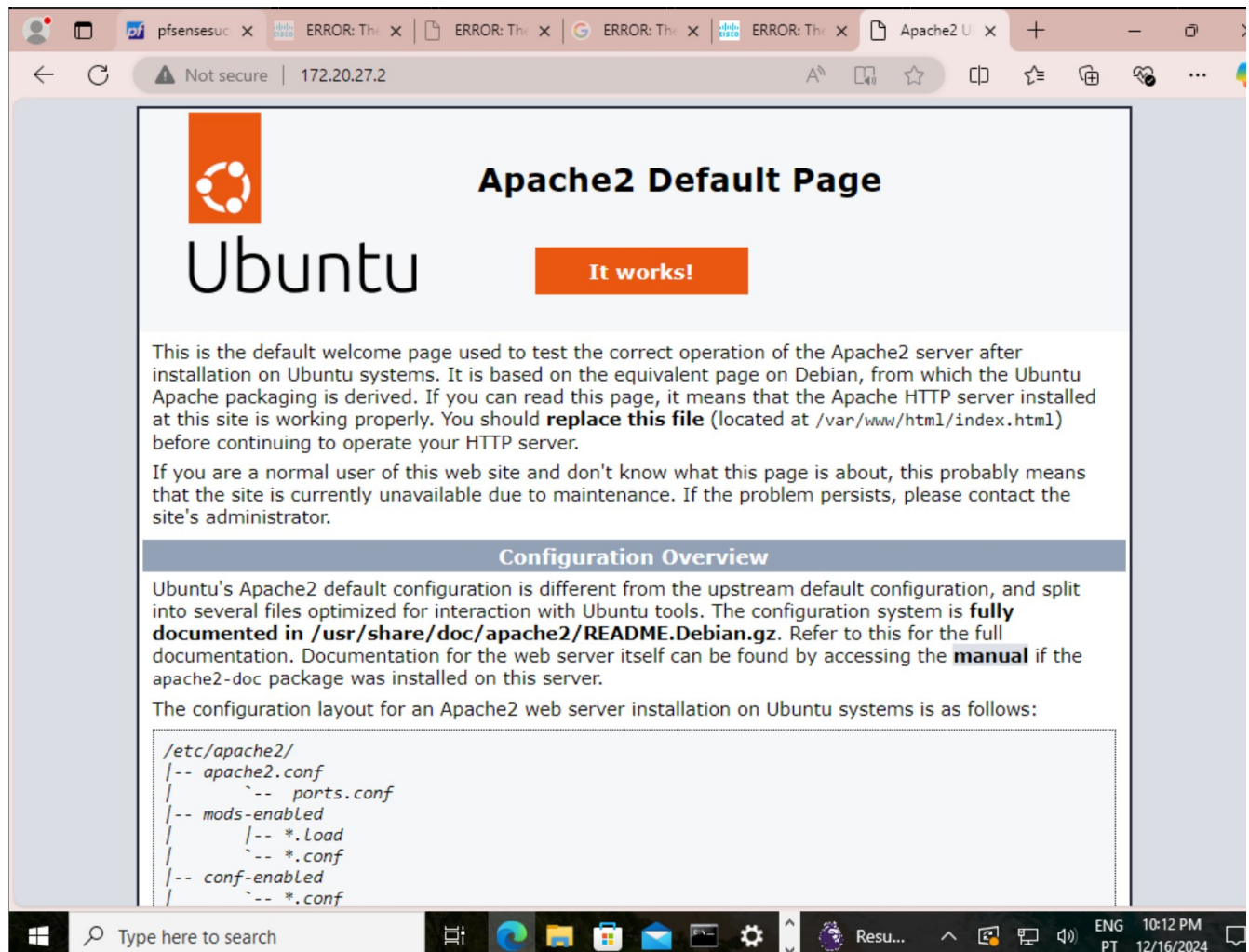
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
- Configuration Overview Section:**

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:
- Code Block:**

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled
```
- Taskbar:** The Windows taskbar at the bottom shows the search bar, task view, and several open applications. The system clock shows 22:39 on 16/12/2024.

Sucursal



Not secure | 172.20.27.2

Apache2 Default Page

Ubuntu

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
```

Windows taskbar: Type here to search, Resu..., ENG PT, 10:12 PM, 12/16/2024