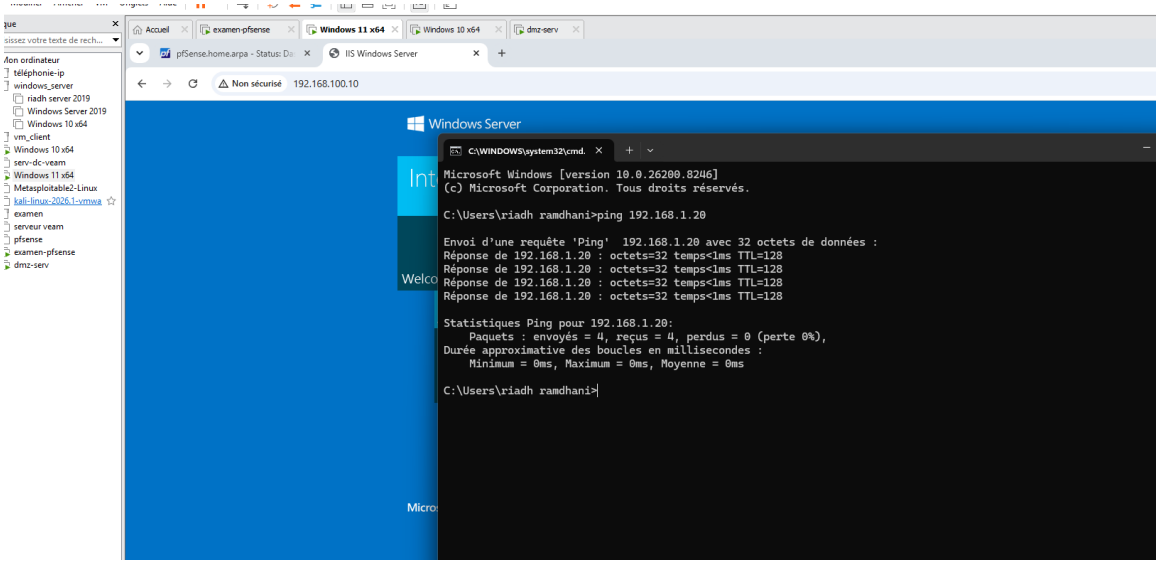
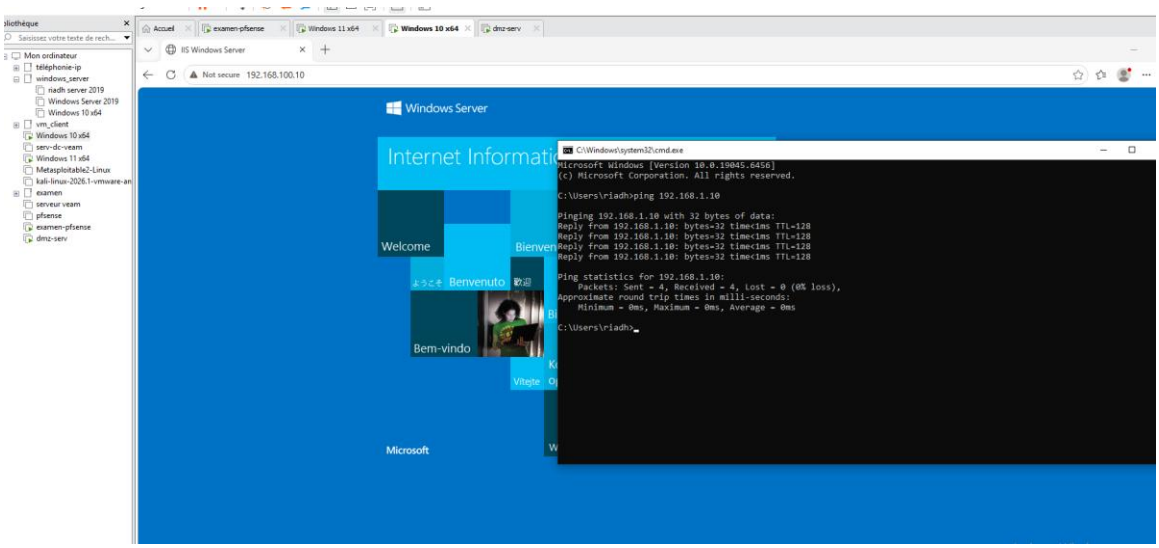
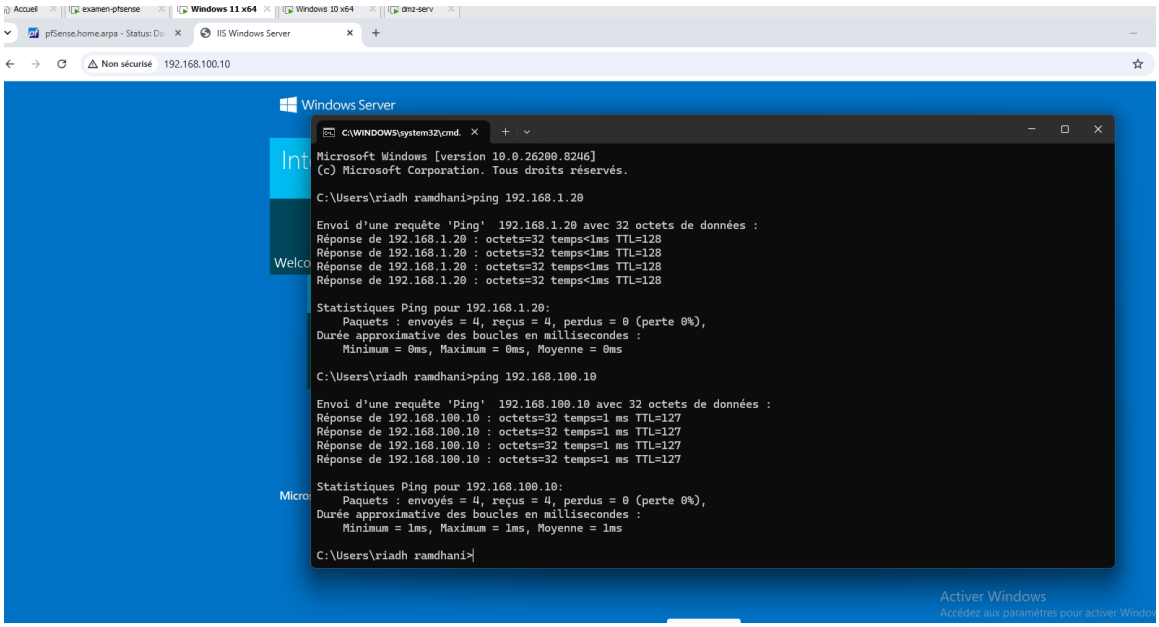
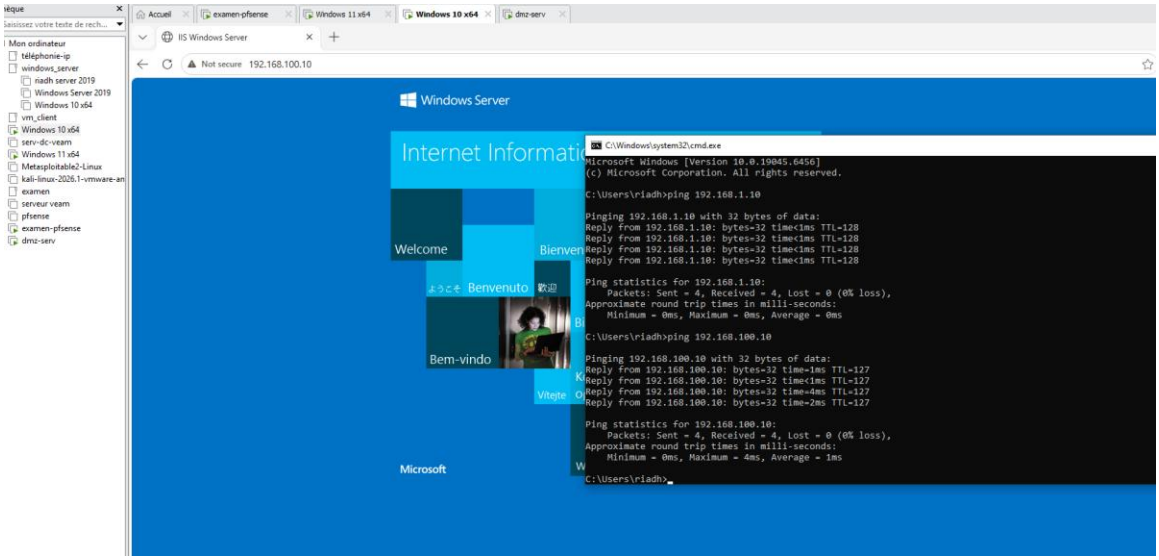
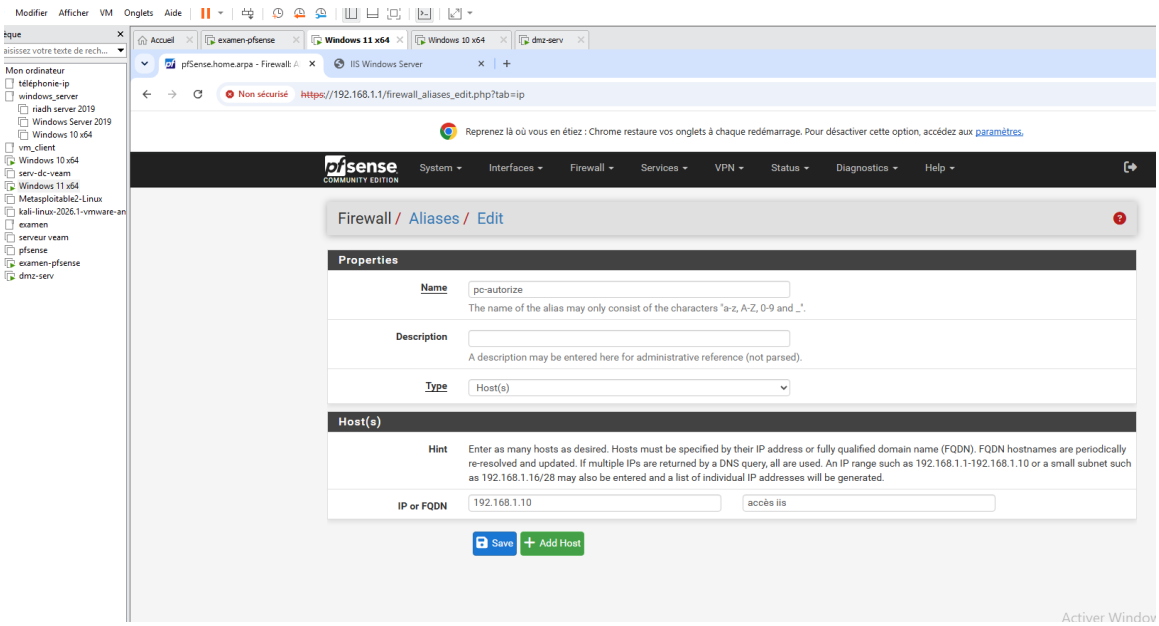
# Pfsense avec LAN ET DMZ : création des règles pare-feu

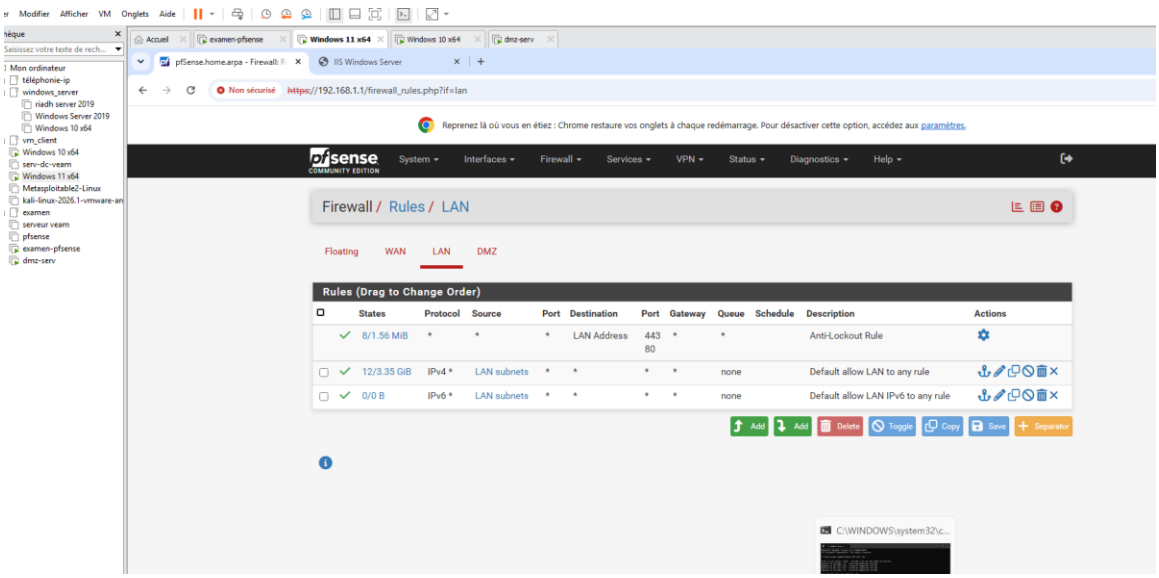


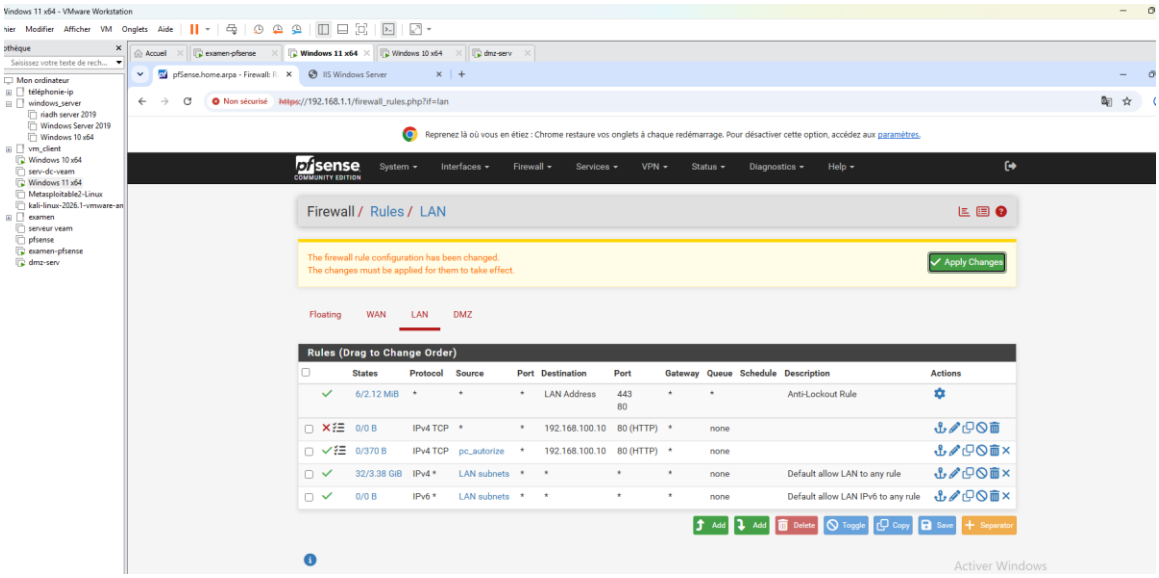



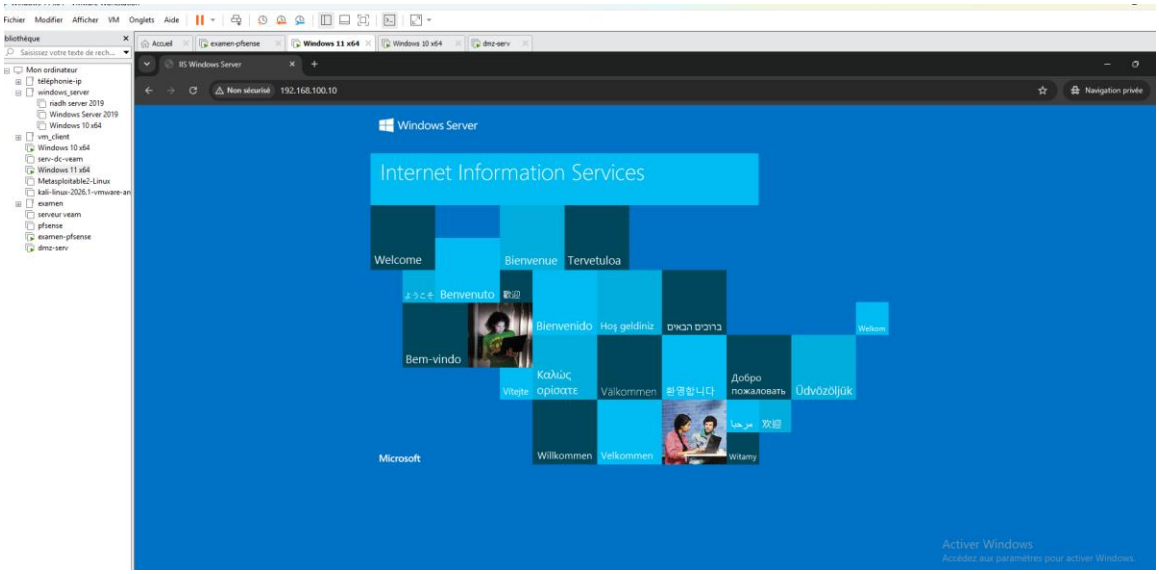

Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
pfSense.home.arpa - Status: Da
IIS Windows Server
Non sécurisé
192.168.100.10
Windows Server
C:\WINDOWS\system32\cmd.
Microsoft Windows [version 10.0.26200.8246]
(c) Microsoft Corporation. Tous droits réservés.
C:\Users\riadh ramdhani>ping 192.168.1.20
Envoi d'une requête 'Ping' 192.168.1.20 avec 32 octets de données :
Réponse de 192.168.1.20 : octets=32 temps<1ms TTL=128
Réponse de 192.168.1.20 : octets=32 temps<1ms TTL=128
Réponse de 192.168.1.20 : octets=32 temps<1ms TTL=128
Réponse de 192.168.1.20 : octets=32 temps<1ms TTL=128
Statistiques Ping pour 192.168.1.20:
Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
Minimum = 0ms, Maximum = 0ms, Moyenne = 0ms
C:\Users\riadh ramdhani>ping 192.168.100.10
Envoi d'une requête 'Ping' 192.168.100.10 avec 32 octets de données :
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Statistiques Ping pour 192.168.100.10:
Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
Minimum = 1ms, Maximum = 1ms, Moyenne = 1ms
C:\Users\riadh ramdhani>
Activer Windows

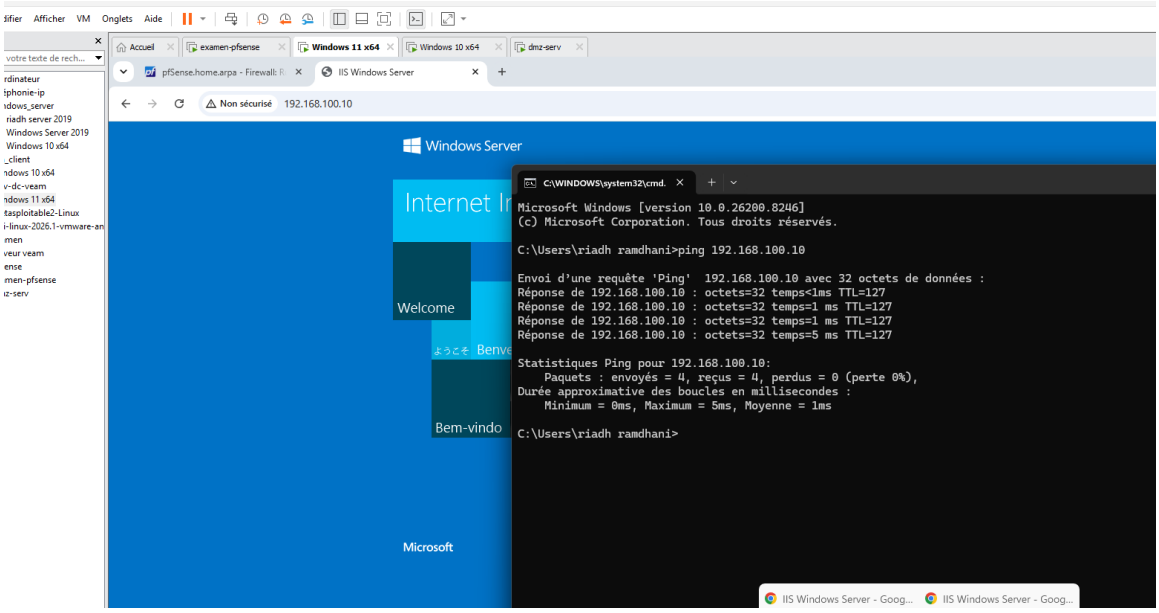

Mon ordinateur
téléphonie-ip
windows_server
riadh server 2019
Windows Server 2019
Windows 10 x64
vm_client
Windows 10 x64
serv-dic-veam
Windows 11 x64
Metasploitable2-Linux
kali-linux-2026.1-vmware-an
examen
serveur veam
pfsense
examen-pfsense
dmz-serv
Not secure
192.168.100.10
Windows Server
Welcome
Benvenuto
Bem-vindo
Microsoft
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.6456]
(c) Microsoft Corporation. All rights reserved.
C:\Users\riadh>ping 192.168.1.10
Pinging 192.168.1.10 with 32 bytes of data:
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\Users\riadh>ping 192.168.100.10
Pinging 192.168.100.10 with 32 bytes of data:
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time<1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=4ms TTL=127
Reply from 192.168.100.10: bytes=32 time=2ms TTL=127
Ping statistics for 192.168.100.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 4ms, Average = 1ms
C:\Users\riadh>

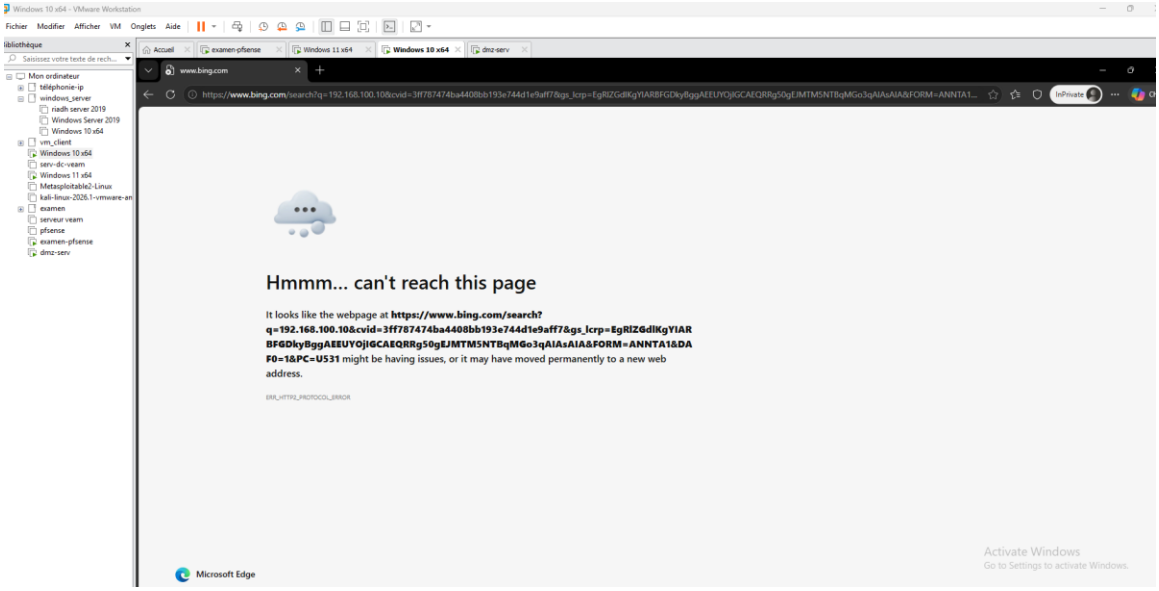

Modifier Afficher VM Onglets Aide
Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
pfSense.home.arpa - Firewall: A
IIS Windows Server
Non sécurisé
https://192.168.1.1/firewall_aliases_edit.php?tab=ip
Reprenez là où vous en étiez : Chrome restaure vos onglets à chaque redémarrage. Pour désactiver cette option, accédez aux paramètres.
pfsense COMMUNITY EDITION
System
Interfaces
Firewall
Services
VPN
Status
Diagnostics
Help
Firewall / Aliases / Edit
Properties
Name
pc-autorize
The name of the alias may only consist of the characters "a-z, A-Z, 0-9 and _".
Description
A description may be entered here for administrative reference (not parsed).
Type
Host(s)
Host(s)
Hint
Enter as many hosts as desired. Hosts must be specified by their IP address or fully qualified domain name (FQDN). FQDN hostnames are periodically re-resolved and updated. If multiple IPs are returned by a DNS query, all are used. An IP range such as 192.168.1.1-192.168.1.10 or a small subnet such as 192.168.1.16/28 may also be entered and a list of individual IP addresses will be generated.
IP or FQDN
192.168.1.10
accès iis
Save
Add Host

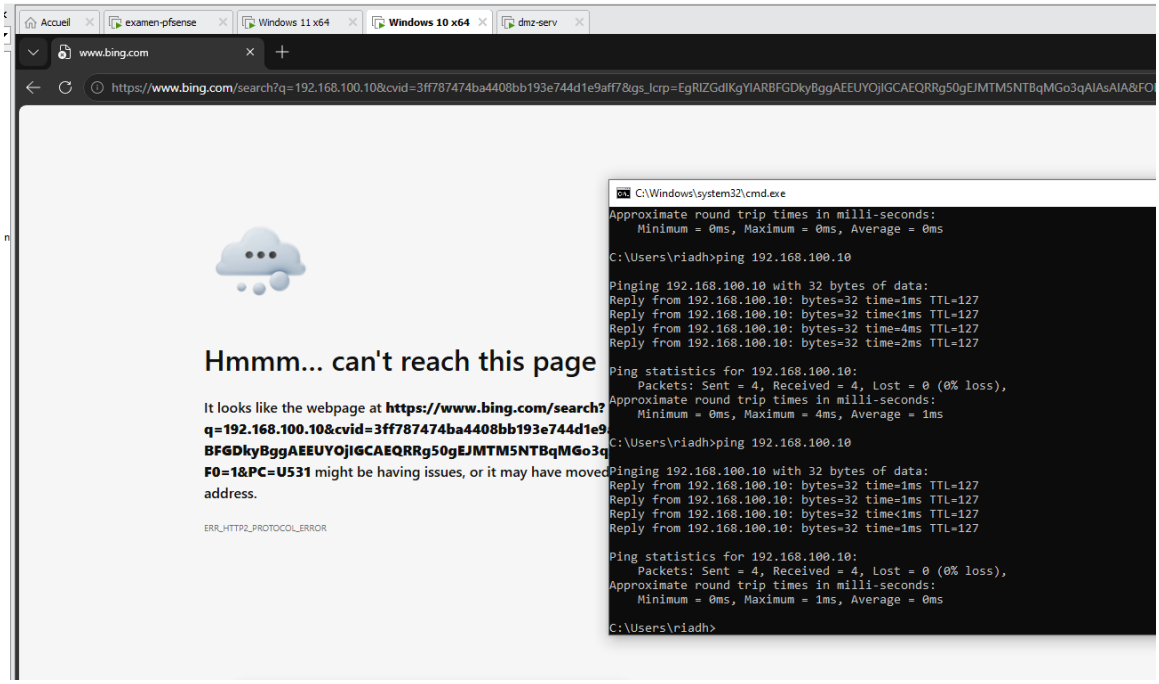

Modifier Afficher VM Onglets Aide
Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
pfSense.home.arpa - Firewall:
IIS Windows Server
Non sécurisé
https://192.168.1.1/firewall_rules.php?if=lan
Reprenez là où vous en étiez : Chrome restaure vos onglets à chaque redémarrage. Pour désactiver cette option, accédez aux paramètres.
pfsense COMMUNITY EDITION
System
Interfaces
Firewall
Services
VPN
Status
Diagnostics
Help
Firewall / Rules / LAN
Floating
WAN
LAN
DMZ
Rules (Drag to Change Order)
States
Protocol
Source
Port
Destination
Port
Gateway
Queue
Schedule
Description
Actions
8/1.56 MiB
*
*
*
LAN Address
443 80
*
*
Anti-Lockout Rule
12/3.35 GiB
IPv4 *
LAN subnets
*
*
*
*
none
Default allow LAN to any rule
0/0 B
IPv6 *
LAN subnets
*
*
*
*
none
Default allow LAN IPv6 to any rule
Add
Add
Delete
Toggle
Copy
Save
Separator
C:\WINDOWS\system32\c...

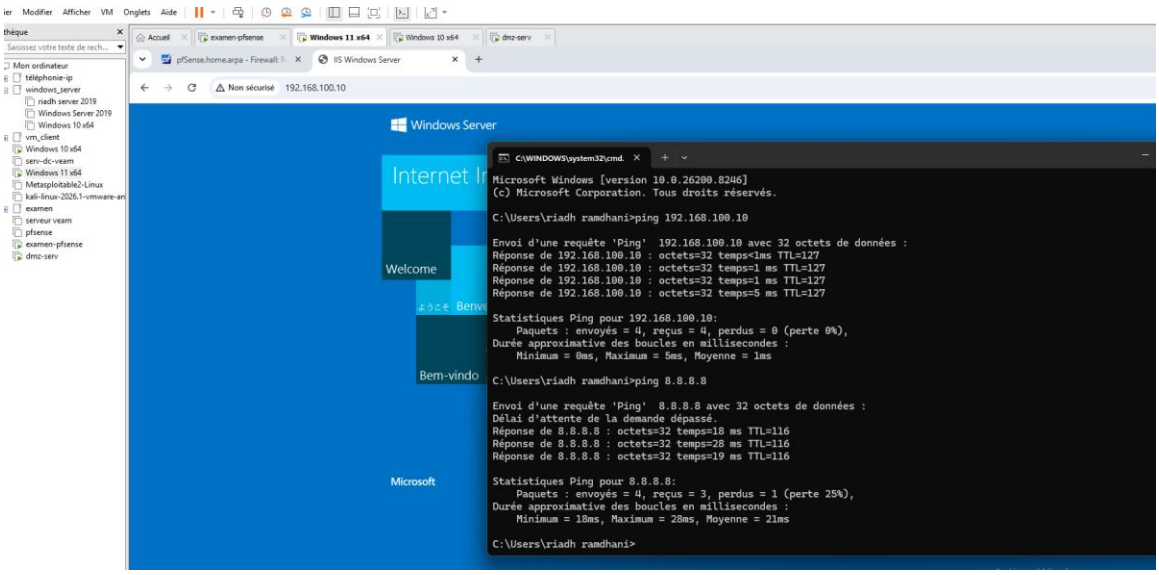

Windows 11 x64 - VMware Workstation
pfSense.home.arpa - Firewall: R
https://192.168.1.1/firewall_rules.php?if=lan
pfSense
COMMUNITY EDITION
System
Interfaces
Firewall
Services
VPN
Status
Diagnostics
Help
Firewall / Rules / LAN
The firewall rule configuration has been changed.
The changes must be applied for them to take effect.
Apply Changes
Floating
WAN
LAN
DMZ
Rules (Drag to Change Order)
States
Protocol
Source
Port
Destination
Port
Gateway
Queue
Schedule
Description
Actions
6/2.12 MiB
LAN Address
443
80
Anti-Lockout Rule
0/0 B
IPv4 TCP
192.168.100.10
80 (HTTP)
none
0/370 B
pc_autorize
32/3.38 GiB
IPv4 *
LAN subnets
Default allow LAN to any rule
0/0 B
IPv6 *
Default allow LAN IPv6 to any rule
Add
Delete
Toggle
Copy
Save
Separator
Activer Windows

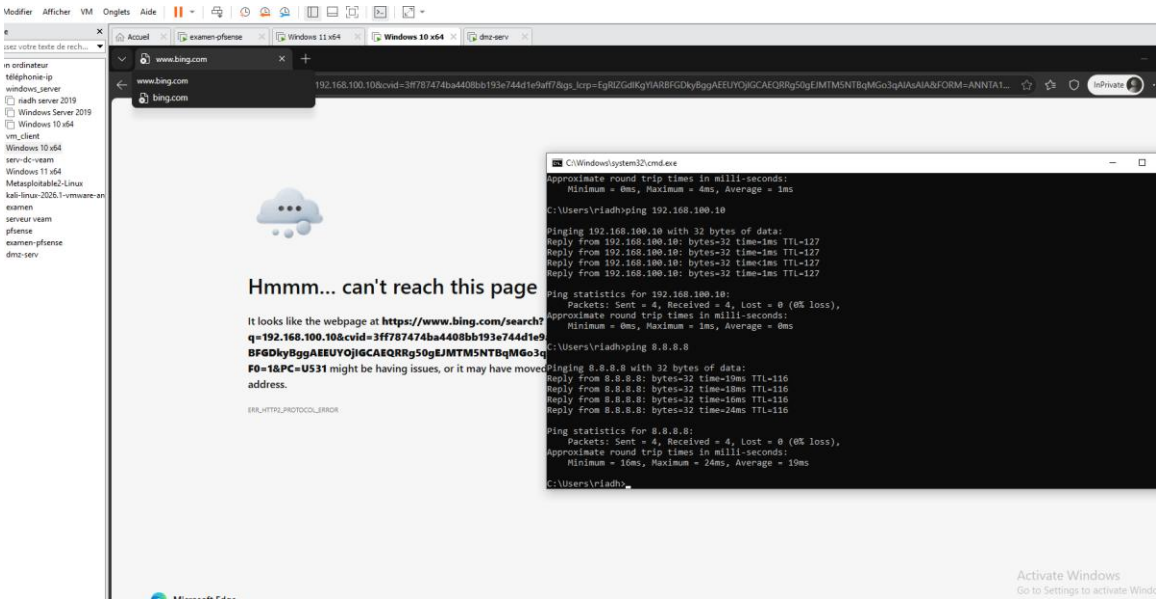

IIS Windows Server
192.168.100.10
Navigation privée
Windows Server
Internet Information Services
Welcome
Bienvenue
Tervetuloa
Benvenuto
Bem-vindo
Bienvenido
Hoş geldiniz
ברוכים הבאים
Kalώς ορίσατε
Välkommen
Добро пожаловать
Üdvözöljük
Willkommen
Velkommen
Witamy
Microsoft
Activer Windows

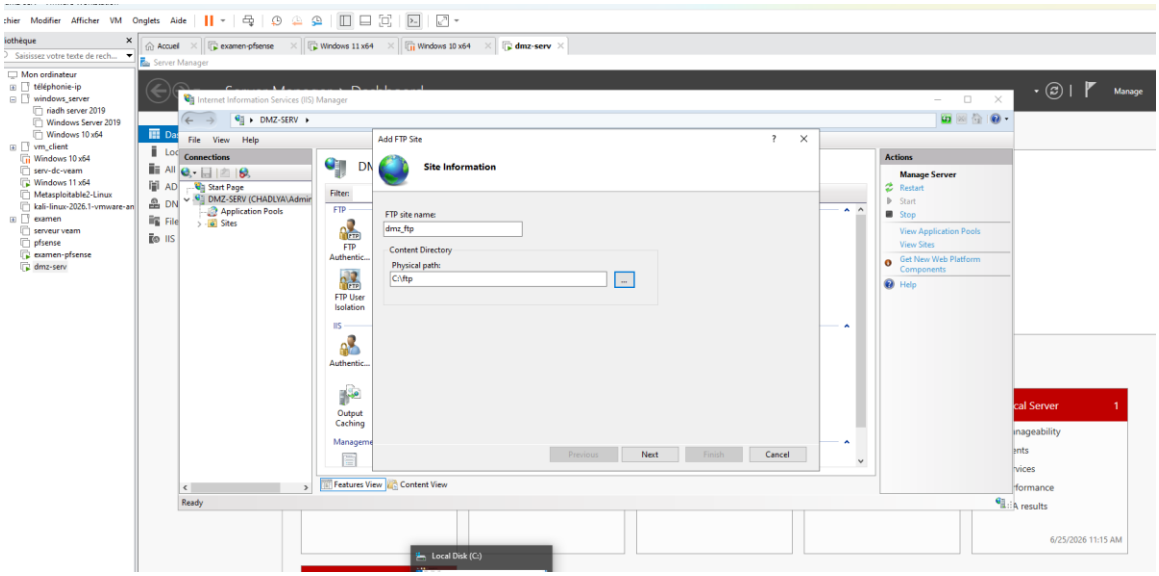

Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
pfSense.home.arpa - Firewall: R
IIS Windows Server
Non sécurisé
192.168.100.10
Windows Server
Internet I
Welcome
Bem-vindo
Microsoft
C:\WINDOWS\system32\cmd.
Microsoft Windows [version 10.0.26200.8246]
(c) Microsoft Corporation. Tous droits réservés.
C:\Users\riadh ramdhani>ping 192.168.100.10
Envoi d'une requête 'Ping' 192.168.100.10 avec 32 octets de données :
Réponse de 192.168.100.10 : octets=32 temps<1ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=5 ms TTL=127
Statistiques Ping pour 192.168.100.10:
Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
Minimum = 0ms, Maximum = 5ms, Moyenne = 1ms
C:\Users\riadh ramdhani>
IIS Windows Server - Goog...
IIS Windows Server - Goog...

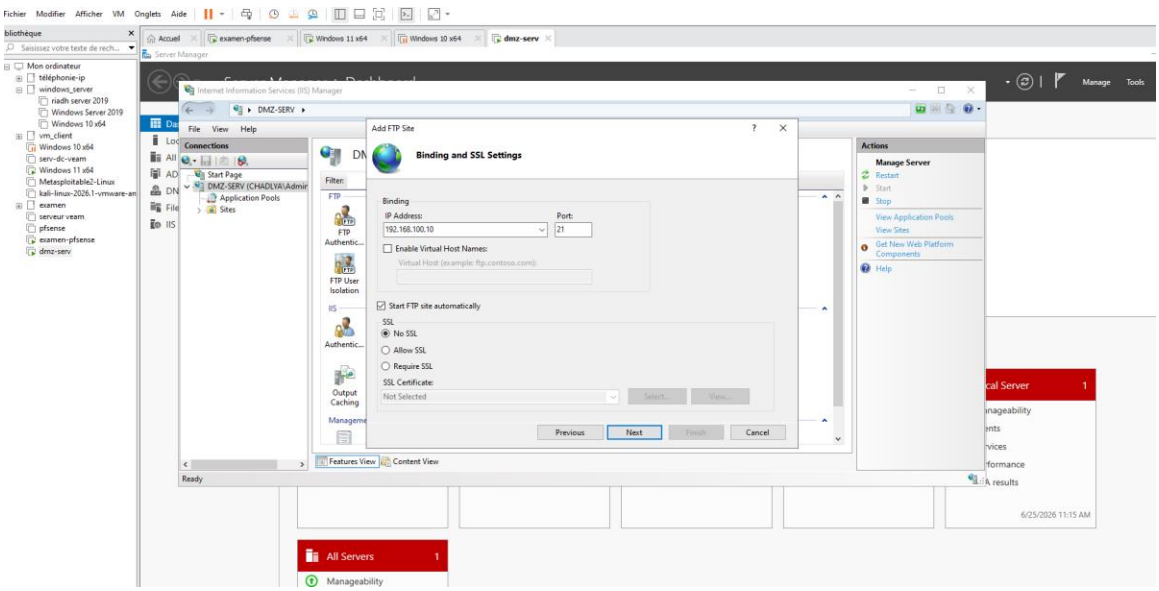

Windows 10 x64 - VMware Workstation
Fichier Modifier Afficher VM Onglets Aide
Bibliothèque
Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
www.bing.com
InPrivate
Hmmm... can't reach this page
It looks like the webpage at https://www.bing.com/search?q=192.168.100.10&cvid=3ff787474ba4408bb193e744d1e9aff7&gs_lcrp=EgRIZGdlKgYIARBFGDkyBggAEEUYOjIGCAEQRRg50gEJMTM5NTBqMGo3qAIAsAIA&FORM=ANNTA1&DAF0=1&PC=U531 might be having issues, or it may have moved permanently to a new web address.
Microsoft Edge
Activate Windows
Go to Settings to activate Windows.

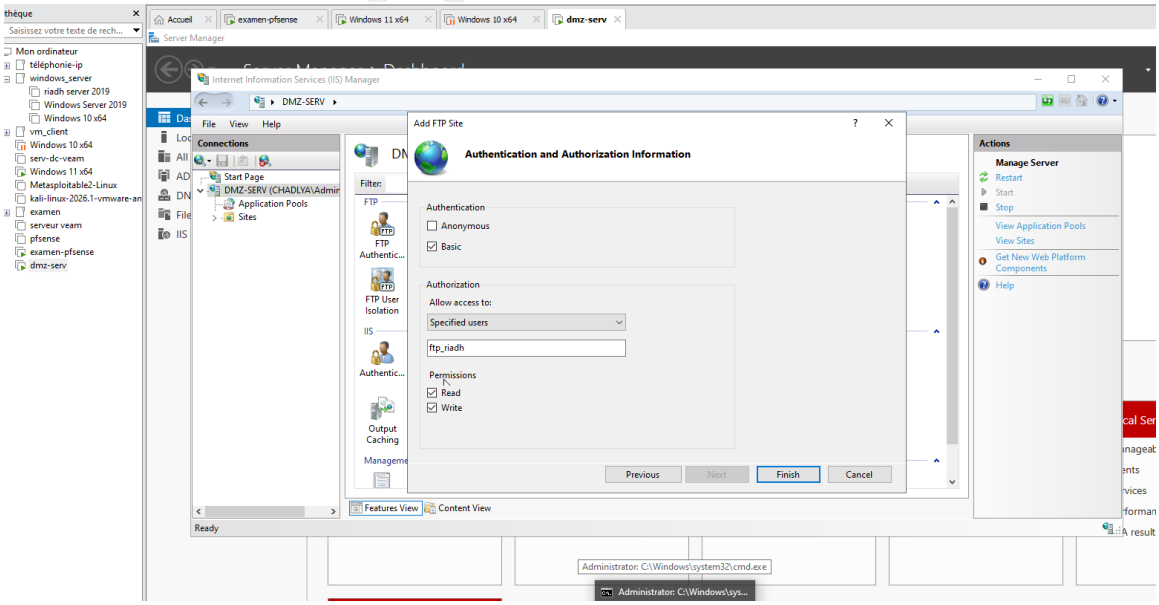

Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
www.bing.com
https://www.bing.com/search?q=192.168.100.10&cvid=3ff787474ba4408bb193e744d1e9aff7&gs_lcrp=EgRIZGdlKgYIARBFGDkyBggAEEUYOjIGCAEQRRg50gEJMTM5NTBqMGo3qAIAsAIA&FO
Hmmm... can't reach this page
It looks like the webpage at https://www.bing.com/search?q=192.168.100.10&cvid=3ff787474ba4408bb193e744d1e9
BFGDkyBggAEEUYOjIGCAEQRRg50gEJMTM5NTBqMGo3q
F0=1&PC=U531 might be having issues, or it may have moved
address.
ERR_HTTP2_PROTOCOL_ERROR
C:\Windows\system32\cmd.exe
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\Users\riadh>ping 192.168.100.10
Pinging 192.168.100.10 with 32 bytes of data:
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time<1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=4ms TTL=127
Reply from 192.168.100.10: bytes=32 time=2ms TTL=127
Ping statistics for 192.168.100.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 4ms, Average = 1ms
C:\Users\riadh>ping 192.168.100.10
Pinging 192.168.100.10 with 32 bytes of data:
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time<1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Ping statistics for 192.168.100.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\Users\riadh>

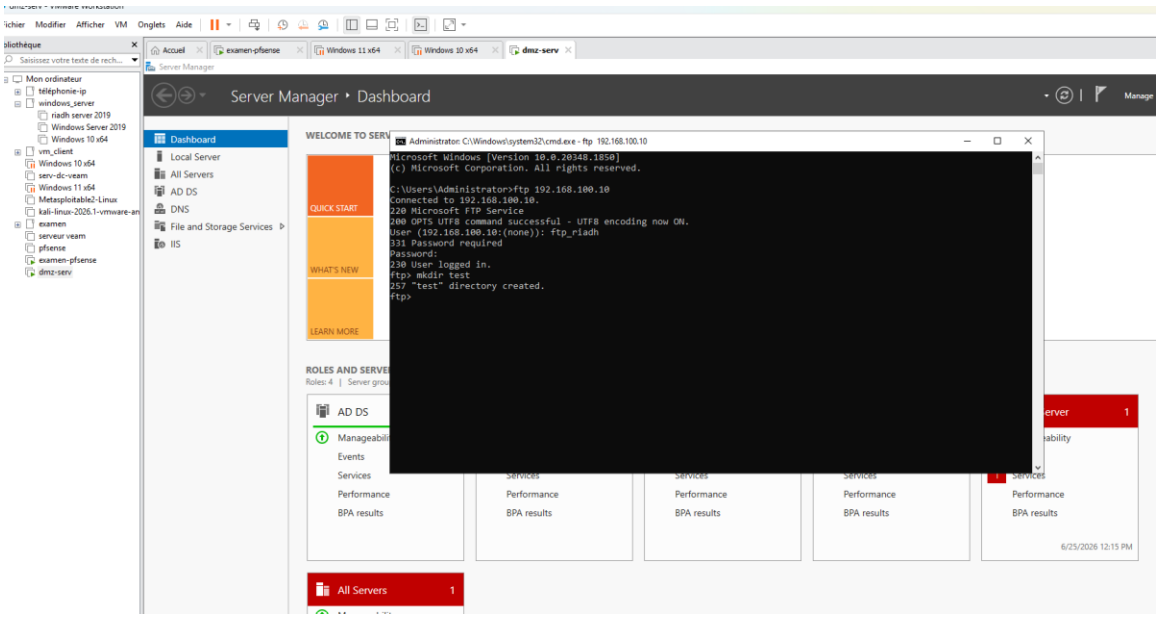

Windows 11 x64
192.168.100.10
Windows Server
Welcome
Bem-vindo
Microsoft
C:\WINDOWS\system32\cmd.
Microsoft Windows [version 10.0.26200.8246]
(c) Microsoft Corporation. Tous droits réservés.
C:\Users\riadh ramdhani>ping 192.168.100.10
Envoi d'une requête 'Ping' 192.168.100.10 avec 32 octets de données :
Réponse de 192.168.100.10 : octets=32 temps<1ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=1 ms TTL=127
Réponse de 192.168.100.10 : octets=32 temps=5 ms TTL=127
Statistiques Ping pour 192.168.100.10:
Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
Minimum = 0ms, Maximum = 5ms, Moyenne = 1ms
C:\Users\riadh ramdhani>ping 8.8.8.8
Envoi d'une requête 'Ping' 8.8.8.8 avec 32 octets de données :
Délai d'attente de la demande dépassé.
Réponse de 8.8.8.8 : octets=32 temps=18 ms TTL=116
Réponse de 8.8.8.8 : octets=32 temps=28 ms TTL=116
Réponse de 8.8.8.8 : octets=32 temps=19 ms TTL=116
Statistiques Ping pour 8.8.8.8:
Paquets : envoyés = 4, reçus = 3, perdus = 1 (perte 25%),
Durée approximative des boucles en millisecondes :
Minimum = 18ms, Maximum = 28ms, Moyenne = 21ms
C:\Users\riadh ramdhani>

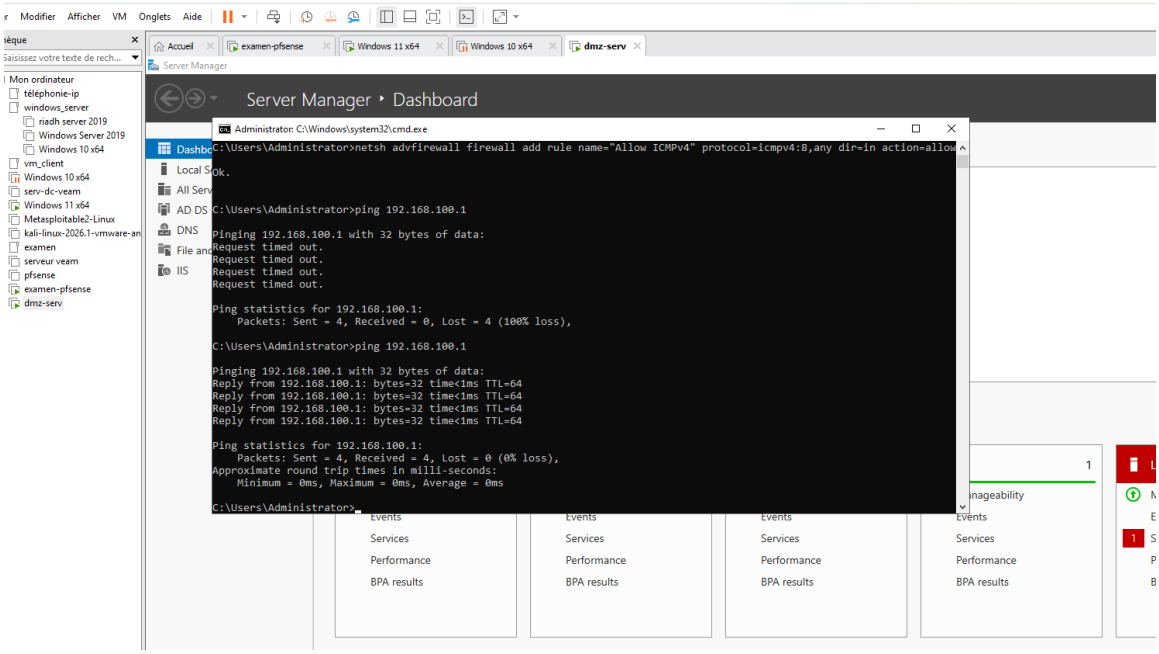

Hmmm... can't reach this page
It looks like the webpage at https://www.bing.com/search?
q=192.168.100.10&cvid=3ff787474ba4408bb193e744d1e9
BFGDkyBggAEEUYOjI6CAEQRRg50gEJMTM5NTBqMGo3q
F0=1&PC=U531 might be having issues, or it may have moved
address.
ERR_HTTP2_PROTOCOL_ERROR
C:\Windows\system32\cmd.exe
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 4ms, Average = 1ms
C:\Users\riadh>ping 192.168.100.10
Pinging 192.168.100.10 with 32 bytes of data:
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Reply from 192.168.100.10: bytes=32 time<1ms TTL=127
Reply from 192.168.100.10: bytes=32 time=1ms TTL=127
Ping statistics for 192.168.100.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\Users\riadh>ping 8.8.8.8
Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=19ms TTL=116
Reply from 8.8.8.8: bytes=32 time=18ms TTL=116
Reply from 8.8.8.8: bytes=32 time=16ms TTL=116
Reply from 8.8.8.8: bytes=32 time=24ms TTL=116
Ping statistics for 8.8.8.8:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 16ms, Maximum = 24ms, Average = 19ms
C:\Users\riadh>

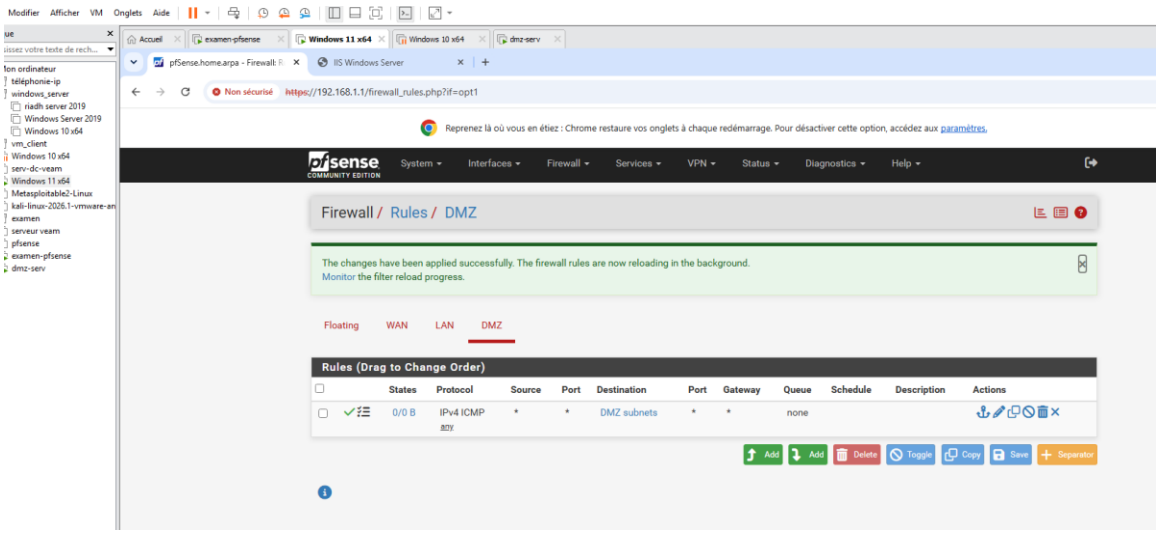

Internet Information Services (IIS) Manager
DMZ-SERV
Add FTP Site
Site Information
FTP site name:
dmz_ftp
Content Directory
Physical path:
C:\ftp
Previous
Next
Finish
Cancel
Connections
Start Page
DMZ-SERV (CHADLYA\Admir
Application Pools
Sites
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Get New Web Platform Components
Help
Features View
Content View
Ready


Add FTP Site
Binding and SSL Settings
Binding
IP Address:
192.168.100.10
Port:
21
Enable Virtual Host Names:
Start FTP site automatically
SSL
No SSL
Allow SSL
Require SSL
SSL Certificate:
Not Selected
Previous
Next
Finish
Cancel
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Get New Web Platform Components
Help
All Servers
Manageability


Add FTP Site
Authentication and Authorization Information
Authentication
Anonymous
Basic
Authorization
Allow access to:
Specified users
ftp_riadh
Permissions
Read
Write
Previous
Next
Finish
Cancel
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Get New Web Platform Components
Help
Administrator: C:\Windows\system32\cmd.exe


Server Manager • Dashboard
Administrator: C:\Windows\system32\cmd.exe - ftp 192.168.100.10
Microsoft Windows [Version 10.0.20348.1850]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Administrator>ftp 192.168.100.10
Connected to 192.168.100.10.
220 Microsoft FTP Service
200 OPTS UTF8 command successful - UTF8 encoding now ON.
User (192.168.100.10:(none)): ftp_riadh
331 Password required
Password:
230 User logged in.
ftp> mkdir test
257 "test" directory created.
ftp>


Server Manager • Dashboard
Administrator: C:\Windows\system32\cmd.exe
C:\Users\Administrator>netsh advfirewall firewall add rule name="Allow ICMPv4" protocol=icmpv4:8,any dir=in action=allow
Ok.
C:\Users\Administrator>ping 192.168.100.1
Pinging 192.168.100.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 192.168.100.1:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\Users\Administrator>ping 192.168.100.1
Pinging 192.168.100.1 with 32 bytes of data:
Reply from 192.168.100.1: bytes=32 time<1ms TTL=64
Reply from 192.168.100.1: bytes=32 time<1ms TTL=64
Reply from 192.168.100.1: bytes=32 time<1ms TTL=64
Reply from 192.168.100.1: bytes=32 time<1ms TTL=64
Ping statistics for 192.168.100.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\Users\Administrator>


Modifier Afficher VM Onglets Aide
Accueil
examen-pfsense
Windows 11 x64
Windows 10 x64
dmz-serv
pfSense.home.arpa - Firewall: R
IIS Windows Server
Non sécurisé
https://192.168.1.1/firewall_rules.php?if=opt1
Reprenez là où vous en étiez : Chrome restaure vos onglets à chaque redémarrage. Pour désactiver cette option, accédez aux paramètres.
pfsense COMMUNITY EDITION
System
Interfaces
Firewall
Services
VPN
Status
Diagnostics
Help
Firewall / Rules / DMZ
The changes have been applied successfully. The firewall rules are now reloading in the background.
Monitor the filter reload progress.
Floating
WAN
LAN
DMZ
Rules (Drag to Change Order)
States
Protocol
Source
Port
Destination
Port
Gateway
Queue
Schedule
Description
Actions
0/0 B
IPv4 ICMP
any
*
*
DMZ subnets
*
*
none
Add
Add
Delete
Toggle
Copy
Save
Separator