PS C:\Users\trcam> scp "build files/media-backup.sh" glyph@192.168.7.209:~/media-backup.sh

C:\WINDOWS\System32\OpenSSH\scp.exe: stat local "build files/media-backup.sh": No such file or directory

PS C:\Users\trcam> scp "build files/media-backup.service" glyph@192.168.7.209:~/media-backup.service

C:\WINDOWS\System32\OpenSSH\scp.exe: stat local "build files/media-backup.service": No such file or directory

PS C:\Users\trcam> scp "build files/media-backup.timer" glyph@192.168.7.209:~/media-backup.timer

C:\WINDOWS\System32\OpenSSH\scp.exe: stat local "build files/media-backup.timer": No such file or directory

PS C:\Users\trcam> cd D:\NeXuS\NXCore-Control

PS D:\NeXuS\NXCore-Control> scp "build files/media-backup.sh" glyph@192.168.7.209:~/media-backup.sh

glyph@192.168.7.209's password:

media-backup.sh 100% 1025 166.8KB/s 00:00

PS D:\NeXuS\NXCore-Control> scp "build files/media-backup.service" glyph@192.168.7.209:~/media-backup.service

glyph@192.168.7.209's password:

media-backup.service 100% 109 21.3KB/s 00:00

PS D:\NeXuS\NXCore-Control> scp "build files/media-backup.timer" glyph@192.168.7.209:~/media-backup.timer

glyph@192.168.7.209's password:

Permission denied, please try again.

glyph@192.168.7.209's password:

Permission denied, please try again.

glyph@192.168.7.209's password:

media-backup.timer 100% 145 20.2KB/s 00:00

PS D:\NeXuS\NXCore-Control> .\scripts\ps\deploy-containers.ps1 -Service traefik

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

glyph@192.168.7.209's password:

traefik-dynamic.yml 100% 1218 237.9KB/s 00:00

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

glyph@192.168.7.209's password:

compose-traefik.yml 100% 1363 221.8KB/s 00:00

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

glyph@192.168.7.209's password:

1e590b14c6ea4b297f98ac1fa51418c733ab6f32928025764203fe56fa1b1104

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

âœ… Deployment done.

PS D:\NeXuS\NXCore-Control> ssh -tt glyph@192.168.7.209 "sudo .\scripts\ps\deploy-containers.ps1"

glyph@192.168.7.209's password:

[sudo] password for glyph:

sudo: .scriptspsdeploy-containers.ps1: command not found

Connection to 192.168.7.209 closed.

PS D:\NeXuS\NXCore-Control> # copy the folder (or git clone it on the server)

PS D:\NeXuS\NXCore-Control> scp -r .\scripts glyph@192.168.7.209:/home/glyph/NXCore-Control/

glyph@192.168.7.209's password:

C:\WINDOWS\System32\OpenSSH\scp.exe: realpath /home/glyph/NXCore-Control/: No such file

C:\WINDOWS\System32\OpenSSH\scp.exe: upload "/home/glyph/NXCore-Control/": path canonicalization failed

C:\WINDOWS\System32\OpenSSH\scp.exe: failed to upload directory ./scripts to /home/glyph/NXCore-Control/

PS D:\NeXuS\NXCore-Control>

PS D:\NeXuS\NXCore-Control> # run the script over ssh

PS D:\NeXuS\NXCore-Control> ssh -tt glyph@192.168.7.209 "pwsh -File ~/NXCore-Control/scripts/ps/deploy-containers.ps1 -Service traefik"

glyph@192.168.7.209's password:

bash: line 1: pwsh: command not found

Connection to 192.168.7.209 closed.

PS D:\NeXuS\NXCore-Control> .\scripts\ps\deploy-containers.ps1 -Service traefik

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

glyph@192.168.7.209's password:

traefik-dynamic.yml 100% 1218 198.2KB/s 00:00

glyph@192.168.7.209's password:

sudo: a terminal is required to read the password; either use the -S option to read from standard input or configure an askpass helper

sudo: a password is required

glyph@192.168.7.209's password:

Connection closed by 192.168.7.209 port 22

C:\WINDOWS\System32\OpenSSH\scp.exe: Connection closed

glyph@192.168.7.209's password:

Permission denied, please try again.

glyph@192.168.7.209's password:

glyph@192.168.7.209's password:

glyph@192.168.7.209's password:

âœ… Deployment done.

PS D:\NeXuS\NXCore-Control> ^C

PS D:\NeXuS\NXCore-Control> ^C

PS D:\NeXuS\NXCore-Control> cd D:\NeXuS\NXCore-Control\scripts\ps

PS D:\NeXuS\NXCore-Control\scripts\ps> .\deploy-containers.hardened.ps1 `

>> -Host glyph@192.168.7.209 `

>> -Service traefik `

>> -Compose ..\..\compose-traefik.yml `

>> -Dynamic ..\..\traefik-dynamic.yml

.\deploy-containers.hardened.ps1 : The term '.\deploy-containers.hardened.ps1' is not recognized as the name of a

cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify

that the path is correct and try again.

At line:1 char:1

+ .\deploy-containers.hardened.ps1 `

+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (.\deploy-containers.hardened.ps1:String) [], CommandNotFoundException

+ FullyQualifiedErrorId : CommandNotFoundException

PS D:\NeXuS\NXCore-Control\scripts\ps> ls

Directory: D:\NeXuS\NXCore-Control\scripts\ps

Mode LastWriteTime Length Name

---- ------------- ------ ----

-a---- 10/13/2025 12:35 AM 2622 deploy-containers.ps1

-a---- 10/11/2025 5:02 PM 2988 sync-config.ps1

------ 10/11/2025 8:14 PM 480 backup-nxcore.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps> ls

Directory: D:\NeXuS\NXCore-Control\scripts\ps

Mode LastWriteTime Length Name

---- ------------- ------ ----

-a---- 10/13/2025 12:35 AM 2622 deploy-containers.ps1

-a---- 10/11/2025 5:02 PM 2988 sync-config.ps1

------ 10/11/2025 8:14 PM 480 backup-nxcore.ps1

-a---- 10/13/2025 1:41 AM 4065 deploy-containers.hardened.ps1

-a---- 10/12/2025 8:04 PM 5066 setup\_workstation.ps1

-a---- 10/13/2025 1:41 AM 711 deploy-containers.original.txt

PS D:\NeXuS\NXCore-Control\scripts\ps> Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass -Force

PS D:\NeXuS\NXCore-Control\scripts\ps> & .\deploy-containers.hardened.ps1 `

>> -Host 'glyph@192.168.7.209' `

>> -Service 'traefik' `

>> -Compose '..\..\compose-traefik.yml' `

>> -Dynamic '..\..\traefik-dynamic.yml' `

>> -UseTTY

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.ps1:56 char:19

+ & scp $Compose "$Host:$homeCompose"

+ ~~~~~~

Variable reference is not valid. ':' was not followed by a valid variable name character. Consider using ${} to

delimit the name.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.ps1:59 char:21

+ & scp $Dynamic "$Host:$homeDynamic"

+ ~~~~~~

Variable reference is not valid. ':' was not followed by a valid variable name character. Consider using ${} to

delimit the name.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.ps1:107 char:60

+ ... âœ” Deployment complete for $Service on $Host" -ForegroundColor Green

+ ~~~~~~~~~~~~~~~~~~~~~~~~

The string is missing the terminator: ".

+ CategoryInfo : ParserError: (:) [], ParseException

+ FullyQualifiedErrorId : InvalidVariableReferenceWithDrive

PS D:\NeXuS\NXCore-Control\scripts\ps> Set-ExecutionPolicy -Scope Process Bypass -Force

PS D:\NeXuS\NXCore-Control\scripts\ps> Unblock-File .\deploy-containers.hardened.v2.ps1

Unblock-File : Cannot find path 'D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1' because it does

not exist.

At line:1 char:1

+ Unblock-File .\deploy-containers.hardened.v2.ps1

+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (.\deploy-containers.hardened.v2.ps1:String) [Unblock-File], ItemNotFoun

dException

+ FullyQualifiedErrorId : FileNotFound,Microsoft.PowerShell.Commands.UnblockFileCommand

PS D:\NeXuS\NXCore-Control\scripts\ps>

PS D:\NeXuS\NXCore-Control\scripts\ps> & .\deploy-containers.hardened.v2.ps1 `

>> -Host 'glyph@192.168.7.209' `

>> -Service 'traefik' `

>> -Compose '..\..\compose-traefik.yml' `

>> -Dynamic '..\..\traefik-dynamic.yml' `

>> -UseTTY

& : The term '.\deploy-containers.hardened.v2.ps1' is not recognized as the name of a cmdlet, function, script file,

or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and

try again.

At line:1 char:3

+ & .\deploy-containers.hardened.v2.ps1 `

+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (.\deploy-containers.hardened.v2.ps1:String) [], CommandNotFoundExceptio

n

+ FullyQualifiedErrorId : CommandNotFoundException

PS D:\NeXuS\NXCore-Control\scripts\ps> @'

>> <#

>> deploy-containers.hardened.v2.ps1 — Hardened remote deploy for Linux hosts from Windows

>> - Uploads compose + dynamic files to HOME on the remote

>> - Moves them into /opt/<service>/ with sudo

>> - Creates/uses shared 'gateway' docker network

>> - Starts the stack with 'docker compose up -d'

>> - Handles sudo via: (1) NOPASSWD if configured; else (2) -tt interactive; else (3) -S with provided password

>> #>

>>

>> param(

>> [string]$Host = "glyph@nxcore",

>> [Parameter(Mandatory=$true)][string]$Service,

>> [string]$Compose = ".\docker-compose.yml",

>> [string]$Dynamic = "",

>> [switch]$UseTTY,

>> [securestring]$SudoPassword,

>> [switch]$NoUpload,

>> [switch]$OnlyUp

>> )

>>

>> $ErrorActionPreference = "Stop"

>>

>> function Get-PlainPassword([securestring]$sec) {

>> if (-not $sec) { return "" }

>> $b = [Runtime.InteropServices.Marshal]::SecureStringToBSTR($sec)

>> try { return [Runtime.InteropServices.Marshal]::PtrToStringAuto($b) } fina

>> ^C

PS D:\NeXuS\NXCore-Control\scripts\ps> @'

>> <#

>> deploy-containers.hardened.v2.ps1 — Hardened remote deploy for Linux hosts from Windows

>> - Uploads compose + dynamic files to HOME on the remote

>> - Moves them into /opt/<service>/ with sudo

>> - Creates/uses shared 'gateway' docker network

>> - Starts the stack with 'docker compose up -d'

>> - Handles sudo via: (1) NOPASSWD if configured; else (2) -tt interactive; else (3) -S with provided password

>> #>

>>

>> param(

>> [string]$Host = "glyph@nxcore",

>> [Parameter(Mandatory=$true)][string]$Service,

>> [string]$Compose = ".\docker-compose.yml",

>> [string]$Dynamic = "",

>> [switch]$UseTTY,

>> [securestring]$SudoPassword,

>> [switch]$NoUpload,

>> [switch]$OnlyUp

>> )

>>

>> $ErrorActionPreference = "Stop"

>>

>> function Get-PlainPassword([securestring]$sec) {

>> if (-not $sec) { return "" }

>> $b = [Runtime.InteropServices.Marshal]::SecureStringToBSTR($sec)

>> try { return [Runtime.InteropServices.Marshal]::PtrToStringAuto($b) } finally { [Runtime.InteropServices.Marshal]::ZeroFreeBSTR($b) }

>> }

>>

>> $pw = Get-PlainPassword $SudoPassword

>> $homeCompose = "~/compose-$Service.yml"

>> $homeDynamic = "~/dynamic-$Service.yml"

>> $remoteDir = "/opt/$Service"

>> $remoteDyn = "$remoteDir/dynamic"

>>

>> Write-Host "== Deploy $Service to $Host ==" -ForegroundColor Cyan

>>

>> # 1) Upload

>> if (-not $OnlyUp -and -not $NoUpload) {

>> if (-not (Test-Path $Compose)) { throw "Compose file not found: $Compose" }

>> & scp $Compose "${Host}:$homeCompose"

>> if ($LASTEXITCODE -ne 0) { throw "scp compose failed" }

>> if ($Dynamic -and (Test-Path $Dynamic)) {

>> & scp $Dynamic "${Host}:$homeDynamic"

>> if ($LASTEXITCODE -ne 0) { throw "scp dynamic failed" }

>> }

>> }

>>

>> # 2) Remote prep + move + up

>> $cmd\_core = @(

>> "set -e",

>> "sudo mkdir -p $remoteDir",

>> "sudo mkdir -p $remoteDyn",

>> "[ -f $homeCompose ] && sudo mv $homeCompose $remoteDir/docker-compose.yml || true",

>> "[ -f $homeDynamic ] && sudo mv $homeDynamic $remoteDyn/mw.yml || true",

>> "docker network ls | grep -q '\bgateway\b' || sudo docker network create gateway",

>> "cd $remoteDir",

>> "sudo docker compose up -d"

>> ) -join " && "

>>

>> function Invoke-SSH($command, [switch]$ForceTTY) {

>> if ($pw -and -not $ForceTTY) {

>> # Non-interactive path: pipe sudo password with -S

>> $wrapped = "echo $pw | sudo -S -v >/dev/null 2>&1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo -S ')

>> & ssh $Host $wrapped

>> return $LASTEXITCODE

>> } elseif ($ForceTTY -or $UseTTY) {

>> & ssh -tt $Host $command

>> return $LASTEXITCODE

>> } else {

>> # Try without password first (NOPASSWD case)

>> & ssh $Host $command

>> return $LASTEXITCODE

>> }

>> }

>>

>> # Try NOPASSWD path first

>> $rc = Invoke-SSH $cmd\_core

>> if ($rc -ne 0) {

>> Write-Warning "NOPASSWD path failed or sudo prompted. Retrying with TTY..."

>> $rc = Invoke-SSH $cmd\_core -ForceTTY

>> if ($rc -ne 0 -and $pw) {

>> Write-Warning "TTY path failed or unavailable; retrying with sudo -S piping..."

>> $rc = Invoke-SSH $cmd\_core

>> }

>> }

>> if ($rc -ne 0) { throw "Remote deploy failed (rc=$rc)" }

>>

>> Write-Host ""

>> Write-Host "Deployment complete for $Service on $Host" -ForegroundColor Green

>> '@ | Set-Content -Encoding UTF8 .\deploy-containers.hardened.v2.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps> Set-ExecutionPolicy -Scope Process Bypass -Force

PS D:\NeXuS\NXCore-Control\scripts\ps> Unblock-File .\deploy-containers.hardened.v2.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps>

PS D:\NeXuS\NXCore-Control\scripts\ps> & .\deploy-containers.hardened.v2.ps1 `

>> -Host 'glyph@192.168.7.209' `

>> -Service 'traefik' `

>> -Compose '..\..\compose-traefik.yml' `

>> -Dynamic '..\..\traefik-dynamic.yml' `

>> -UseTTY

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:103

+ ... ll 2>&1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo ...

+ ~~~~~

Unexpected token '"$pw"' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:103

+ ... ev/null 2>&1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | ...

+ ~

Missing closing ')' in expression.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:108

+ ... 1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo -S ')

+ ~~~~~~~~~~~~~

Unexpected token '' | sudo -S '' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:61 char:32

+ if ($pw -and -not $ForceTTY) {

+ ~

Missing closing '}' in statement block or type definition.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:60 char:50

+ function Invoke-SSH($command, [switch]$ForceTTY) {

+ ~

Missing closing '}' in statement block or type definition.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:121

+ ... 1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo -S ')

+ ~

Unexpected token ')' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:66 char:3

+ } elseif ($ForceTTY -or $UseTTY) {

+ ~

Unexpected token '}' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:66 char:36

+ } elseif ($ForceTTY -or $UseTTY) {

+ ~

Unexpected token '{' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:69 char:5

+ } else {

+ ~~~~

Unexpected token 'else' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:74 char:1

+ }

+ ~

Unexpected token '}' in expression or statement.

+ CategoryInfo : ParserError: (:) [], ParseException

+ FullyQualifiedErrorId : UnexpectedToken

PS D:\NeXuS\NXCore-Control\scripts\ps> $pw = Read-Host -AsSecureString "sudo"

sudo: \*\*\*\*\*\*\*\*\*\*\*

PS D:\NeXuS\NXCore-Control\scripts\ps> & .\deploy-containers.hardened.v2.ps1 `

>> -Host 'glyph@192.168.7.209' `

>> -Service 'traefik' `

>> -Compose '..\..\compose-traefik.yml' `

>> -Dynamic '..\..\traefik-dynamic.yml' `

>> -SudoPassword $pw

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:103

+ ... ll 2>&1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo ...

+ ~~~~~

Unexpected token '"$pw"' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:103

+ ... ev/null 2>&1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | ...

+ ~

Missing closing ')' in expression.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:108

+ ... 1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo -S ')

+ ~~~~~~~~~~~~~

Unexpected token '' | sudo -S '' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:61 char:32

+ if ($pw -and -not $ForceTTY) {

+ ~

Missing closing '}' in statement block or type definition.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:60 char:50

+ function Invoke-SSH($command, [switch]$ForceTTY) {

+ ~

Missing closing '}' in statement block or type definition.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:63 char:121

+ ... 1 || true; " + ($command -replace 'sudo ', 'echo '"$pw"' | sudo -S ')

+ ~

Unexpected token ')' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:66 char:3

+ } elseif ($ForceTTY -or $UseTTY) {

+ ~

Unexpected token '}' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:66 char:36

+ } elseif ($ForceTTY -or $UseTTY) {

+ ~

Unexpected token '{' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:69 char:5

+ } else {

+ ~~~~

Unexpected token 'else' in expression or statement.

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v2.ps1:74 char:1

+ }

+ ~

Unexpected token '}' in expression or statement.

+ CategoryInfo : ParserError: (:) [], ParseException

+ FullyQualifiedErrorId : UnexpectedToken

PS D:\NeXuS\NXCore-Control\scripts\ps> @'

>> <#

>> deploy-containers.hardened.v3.ps1 — Remote deploy to Linux from Windows

>> - Uploads compose & optional dynamic file to remote HOME

>> - Moves into /opt/<service>/ with sudo

>> - Ensures shared docker network "gateway"

>> - Starts stack with: docker compose up -d

>> - Sudo handling:

>> 1) NOPASSWD: tries no prompt

>> 2) TTY: -UseTTY to prompt interactively

>> 3) -SudoPassword: pipes via sudo -S (non-interactive)

>> #>

>>

>> param(

>> [string]$Host = "glyph@nxcore",

>> [Parameter(Mandatory=$true)][string]$Service,

>> [string]$Compose = ".\docker-compose.yml",

>> [string]$Dynamic = "",

>> [switch]$UseTTY,

>> [securestring]$SudoPassword,

>> [switch]$NoUpload,

>> [switch]$OnlyUp

>> )

>>

>> $ErrorActionPreference = "Stop"

>>

>> function Get-PlainPassword([securestring]$sec) {

>> if (-not $sec) { return "" }

>> $b = [Runtime.InteropServices.Marshal]::SecureStringToBSTR($sec)

>> try { return [Runtime.InteropServices.Marshal]::PtrToStringAuto($b) } finally { [Runtime.InteropServices.Marshal]::ZeroFreeBSTR($b) }

>> }

>>

>> $pw = Get-PlainPassword $SudoPassword

>> $homeCompose = "~/compose-$Service.yml"

>> $homeDynamic = "~/dynamic-$Service.yml"

>> $remoteDir = "/opt/$Service"

>> $remoteDyn = "$remoteDir/dynamic"

>>

>> Write-Host "== Deploy $Service to $Host ==" -ForegroundColor Cyan

>>

>> # 1) Upload

>> if (-not $OnlyUp -and -not $NoUpload) {

>> if (-not (Test-Path $Compose)) { throw "Compose file not found: $Compose" }

>> & scp $Compose "${Host}:$homeCompose"

>> if ($LASTEXITCODE -ne 0) { throw "scp compose failed" }

>> if ($Dynamic -and (Test-Path $Dynamic)) {

>> & scp $Dynamic "${Host}:$homeDynamic"

>> if ($LASTEXITCODE -ne 0) { throw "scp dynamic failed" }

>> }

>> }

>>

>> # 2) Build remote command

>> $cmd\_core\_lines = @(

>> "set -e",

>> "sudo mkdir -p $remoteDir",

>> "sudo mkdir -p $remoteDyn",

>> "[ -f $homeCompose ] && sudo mv $homeCompose $remoteDir/docker-compose.yml || true",

>> "[ -f $homeDynamic ] && sudo mv $homeDynamic $remoteDyn/mw.yml || true",

>> "docker network ls | grep -q '\bgateway\b' || sudo docker network create gateway",

>> "cd $remoteDir",

>> "sudo docker compose up -d"

>> )

>> $cmd\_core = ($cmd\_core\_lines -join " && ")

>>

>> function Invoke-SSH($command, [switch]$ForceTTY) {

>> # Path A: try NOPASSWD first (no tty, no password)

>> if (-not $ForceTTY -and -not $UseTTY -and -not $pw) {

>> & ssh $using:Host $command

>> return $LASTEXITCODE

>> }

>>

>> # Path B: interactive sudo with TTY

>> if ($ForceTTY -or $UseTTY) {

>> & ssh -tt $using:Host $command

>> return $LASTEXITCODE

>> }

>>

>> # Path C: non-interactive sudo using -S (single bash shell)

>> $escaped = $command.Replace('"','\"')

>> $wrapped = "printf '%s\n' '" + $using:pw + "' | sudo -S bash -lc \"" + $escaped + "\""

>> & ssh $using:Host $wrapped

>> return $LASTEXITCODE

>> }

>>

>> # Try NOPASSWD -> TTY -> sudo -S

>> $rc = Invoke-SSH $cmd\_core

>> if ($rc -ne 0) {

>> Write-Warning "NOPASSWD path failed or sudo prompted. Retrying with TTY..."

>> $rc = Invoke-SSH $cmd\_core -ForceTTY

>> if ($rc -ne 0 -and $pw) {

>> Write-Warning "TTY path failed or unavailable; retrying with sudo -S piping..."

>> $rc = Invoke-SSH $cmd\_core

>> }

>> }

>> if ($rc -ne 0) { throw "Remote deploy failed (rc=$rc)" }

>>

>> Write-Host ""

>> Write-Host "Deployment complete for $Service on $Host" -ForegroundColor Green

>> '@ | Set-Content -Encoding UTF8 .\deploy-containers.hardened.v3.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps> Set-ExecutionPolicy -Scope Process Bypass -Force

PS D:\NeXuS\NXCore-Control\scripts\ps> Unblock-File .\deploy-containers.hardened.v3.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps>

PS D:\NeXuS\NXCore-Control\scripts\ps> & .\deploy-containers.hardened.v3.ps1 `

>> -Host 'glyph@192.168.7.209' `

>> -Service 'traefik' `

>> -Compose '..\..\compose-traefik.yml' `

>> -Dynamic '..\..\traefik-dynamic.yml' `

>> -UseTTY

At D:\NeXuS\NXCore-Control\scripts\ps\deploy-containers.hardened.v3.ps1:79 char:86

+ ... f '%s\n' '" + $using:pw + "' | sudo -S bash -lc \"" + $escaped + "\""

+ ~~~

Unexpected token '\""' in expression or statement.

+ CategoryInfo : ParserError: (:) [], ParseException

+ FullyQualifiedErrorId : UnexpectedToken

PS D:\NeXuS\NXCore-Control\scripts\ps> # from: D:\NeXuS\NXCore-Control\scripts\ps

PS D:\NeXuS\NXCore-Control\scripts\ps> scp ..\..\compose-traefik.yml glyph@192.168.7.209:~/compose-traefik.yml

C:\WINDOWS\System32\OpenSSH\scp.exe: stat local "../../compose-traefik.yml": No such file or directory

PS D:\NeXuS\NXCore-Control\scripts\ps> scp ..\..\traefik-dynamic.yml glyph@192.168.7.209:~/traefik-dynamic.yml

C:\WINDOWS\System32\OpenSSH\scp.exe: stat local "../../traefik-dynamic.yml": No such file or directory

PS D:\NeXuS\NXCore-Control\scripts\ps> ls

Directory: D:\NeXuS\NXCore-Control\scripts\ps

Mode LastWriteTime Length Name

---- ------------- ------ ----

-a---- 10/13/2025 12:35 AM 2622 deploy-containers.ps1

-a---- 10/11/2025 5:02 PM 2988 sync-config.ps1

------ 10/11/2025 8:14 PM 480 backup-nxcore.ps1

-a---- 10/13/2025 1:41 AM 4065 deploy-containers.hardened.ps1

-a---- 10/12/2025 8:04 PM 5066 setup\_workstation.ps1

-a---- 10/13/2025 1:41 AM 711 deploy-containers.original.txt

-a---- 10/13/2025 2:16 AM 3053 deploy-containers.hardened.v2.ps1

-a---- 10/13/2025 2:19 AM 3194 deploy-containers.hardened.v3.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps> cd

PS D:\NeXuS\NXCore-Control\scripts\ps> dir

Directory: D:\NeXuS\NXCore-Control\scripts\ps

Mode LastWriteTime Length Name

---- ------------- ------ ----

-a---- 10/13/2025 12:35 AM 2622 deploy-containers.ps1

-a---- 10/11/2025 5:02 PM 2988 sync-config.ps1

------ 10/11/2025 8:14 PM 480 backup-nxcore.ps1

-a---- 10/13/2025 1:41 AM 4065 deploy-containers.hardened.ps1

-a---- 10/12/2025 8:04 PM 5066 setup\_workstation.ps1

-a---- 10/13/2025 1:41 AM 711 deploy-containers.original.txt

-a---- 10/13/2025 2:16 AM 3053 deploy-containers.hardened.v2.ps1

-a---- 10/13/2025 2:19 AM 3194 deploy-containers.hardened.v3.ps1

PS D:\NeXuS\NXCore-Control\scripts\ps> cd..

PS D:\NeXuS\NXCore-Control\scripts> ls

Directory: D:\NeXuS\NXCore-Control\scripts

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 10/11/2025 8:14 PM ps

------ 10/11/2025 8:14 PM 66 ssh-nxcore.bat

------ 10/11/2025 8:14 PM 225 scp-to-nxcore.bat

PS D:\NeXuS\NXCore-Control\scripts> cd..

PS D:\NeXuS\NXCore-Control> ls

Directory: D:\NeXuS\NXCore-Control

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 10/11/2025 8:14 PM scripts

d----- 10/11/2025 8:14 PM docker

d----- 10/11/2025 8:14 PM agent

d----- 10/11/2025 8:14 PM ai

d----- 10/11/2025 8:14 PM configs

d----- 10/11/2025 8:14 PM utils

d----- 10/11/2025 8:14 PM inventory

d----- 10/11/2025 10:17 PM apps

d----- 10/11/2025 11:00 PM aerocoreos\_splash

d----- 10/12/2025 6:05 PM all.in.one.installer

d----- 10/12/2025 11:09 PM build files

------ 10/11/2025 8:14 PM 1251 .cursorrules

-a---- 10/13/2025 12:36 AM 751 cursor.json

-a---- 10/12/2025 11:22 PM 5589 README.md

------ 10/11/2025 8:14 PM 114 .env.example

-a---- 10/11/2025 11:25 PM 4473 admin-nav.links.html

PS D:\NeXuS\NXCore-Control> cd docker

PS D:\NeXuS\NXCore-Control\docker> ls

Directory: D:\NeXuS\NXCore-Control\docker

Mode LastWriteTime Length Name

---- ------------- ------ ----

------ 10/11/2025 8:14 PM 326 compose-n8n.yml

------ 10/11/2025 8:14 PM 288 compose-filebrowser.yml

-a---- 10/12/2025 9:32 AM 737 compose-aerocaller.yml

-a---- 10/13/2025 12:33 AM 1363 compose-traefik.yml

-a---- 10/13/2025 12:34 AM 1218 traefik-dynamic.yml

-a---- 10/13/2025 12:34 AM 1201 compose-portainer.yml

PS D:\NeXuS\NXCore-Control\docker> cd..

PS D:\NeXuS\NXCore-Control> $compose = Get-ChildItem -Recurse -File -Filter 'docker-compose.yml' | Where-Object { $\_.FullName -match 'server\\gateway' } | Select-Object -First 1

PS D:\NeXuS\NXCore-Control> $dynamic = Get-ChildItem -Recurse -File -Filter 'mw.yml'

PS D:\NeXuS\NXCore-Control> sudo mkdir -p /opt/traefik/dynamic

Sudo is disabled on this machine. To enable it, go to the Developer Settings page in the Settings app

PS D:\NeXuS\NXCore-Control> sudo mv ~/compose-traefik.yml /opt/traefik/docker-compose.yml

Sudo is disabled on this machine. To enable it, go to the Developer Settings page in the Settings app

PS D:\NeXuS\NXCore-Control> sudo mv ~/traefik-dynamic.yml /opt/traefik/dynamic/mw.yml

Sudo is disabled on this machine. To enable it, go to the Developer Settings page in the Settings app

PS D:\NeXuS\NXCore-Control>

PS D:\NeXuS\NXCore-Control> docker network ls | grep -q '\bgateway\b' || sudo docker network create gateway

At line:1 char:43

+ docker network ls | grep -q '\bgateway\b' || sudo docker network crea ...

+ ~~

The token '||' is not a valid statement separator in this version.

+ CategoryInfo : ParserError: (:) [], ParentContainsErrorRecordException

+ FullyQualifiedErrorId : InvalidEndOfLine

PS D:\NeXuS\NXCore-Control> cd /opt/traefik

cd : Cannot find path 'D:\opt\traefik' because it does not exist.

At line:1 char:1

+ cd /opt/traefik

+ ~~~~~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (D:\opt\traefik:String) [Set-Location], ItemNotFoundException

+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS D:\NeXuS\NXCore-Control> sudo docker compose up -d

Sudo is disabled on this machine. To enable it, go to the Developer Settings page in the Settings app

PS D:\NeXuS\NXCore-Control> ssh glyph@192.168.7.209

glyph@192.168.7.209's password:

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-85-generic x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/pro

System information as of Mon Oct 13 09:33:00 AM UTC 2025

System load: 0.01

Usage of /: 9.7% of 97.87GB

Memory usage: 7%

Swap usage: 0%

Temperature: 47.0 C

Processes: 176

Users logged in: 1

IPv4 address for enp1s0: 192.168.7.209

IPv6 address for enp1s0: fd88:bc9e:4369:1:529a:4cff:fe5b:7db4

\* 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.

26 updates can be applied immediately.

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

Last login: Mon Oct 13 08:00:33 2025 from 192.168.7.209

glyph@nxcore:~$ sudo mkdir -p /opt/traefik/dynamic

sudo mv ~/compose-traefik.yml /opt/traefik/docker-compose.yml

sudo mv ~/traefik-dynamic.yml /opt/traefik/dynamic/mw.yml

docker network ls | grep -q '\bgateway\b' || sudo docker network create gateway

cd /opt/traefik

sudo docker compose up -d

sudo docker ps --filter name=traefik

sudo docker logs -n 50 traefik

[sudo] password for glyph:

mv: cannot stat '/home/glyph/compose-traefik.yml': No such file or directory

WARN[0000] /opt/traefik/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

WARN[0000] a network with name gateway exists but was not created by compose.

Set `external: true` to use an existing network

network gateway was found but has incorrect label com.docker.compose.network set to "" (expected: "gateway")

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

Error response from daemon: No such container: traefik

glyph@nxcore:/opt/traefik$ # make folders

sudo mkdir -p /opt/traefik/dynamic

# write docker-compose.yml (no 'version:', proper external network, stable name)

sudo tee /opt/traefik/docker-compose.yml >/dev/null <<'YAML'

services:

traefik:

image: traefik:v3.0

container\_name: traefik

restart: unless-stopped

command:

- --api=false

- --providers.docker=true

- --providers.docker.exposedbydefault=false

- --providers.file.directory=/etc/traefik/dynamic

- --entrypoints.web.address=:8080

# For HTTPS later with Tailscale:

# - --entrypoints.websecure.address=:443

ports:

- "8080:8080"

# And later if you enable websecure:

# - "443:443"

volumes:

- /var/run/docker.sock:/var/run/docker.sock:ro

- ./dynamic:/etc/traefik/dynamic:ro

# For Tailscale certs later:

# - /var/lib/tailscale:/var/lib/tailscale:ro

networks:

- gateway

YAML - "admin:REPLACE\_WITH\_HTPASSWD" # optional; replace later

glyph@nxcore:/opt/traefik$ # only do rm if nothing else uses 'gateway'

sudo docker network rm gateway 2>/dev/null || true

sudo docker network create gateway

cd /opt/traefik

sudo docker compose up -d

sudo docker ps --filter name=traefik

sudo docker logs --no-log-prefix -n 50 traefik

gateway

3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd

[+] Running 5/5

✔ traefik Pulled 6.5s

✔ ec99f8b99825 Pull complete 1.1s

✔ 8168e2be9d20 Pull complete 1.3s

✔ 4c4266770910 Pull complete 5.1s

✔ 67e108beaf7a Pull complete 5.2s

[+] Running 0/1

⠧ Container traefik Starting 0.7s

Error response from daemon: failed to set up container networking: driver failed programming external connectivity on endpoint traefik (4cc630b6f957108917c4d0af9a4e0921a9063699dcba7893a3f4a1d5e1d2c435): Bind for 0.0.0.0:8080 failed: port is already allocated

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

unknown flag: --no-log-prefix

Usage: docker logs [OPTIONS] CONTAINER

Run 'docker logs --help' for more information

glyph@nxcore:/opt/traefik$ sudo ss -ltnp | grep :8080 || sudo docker ps --format 'table {{.Names}}\t{{.Ports}}' | grep ':8080'

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=149466,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=149473,fd=7))

glyph@nxcore:/opt/traefik$ # all running containers with their published ports

sudo docker ps --format 'table {{.Names}}\t{{.Image}}\t{{.Ports}}'

NAMES IMAGE PORTS

node\_exporter quay.io/prometheus/node-exporter:latest

watchtower containrrr/watchtower:latest 8080/tcp

aerocaller node:18-alpine 0.0.0.0:4443->4443/tcp, [::]:4443->4443/tcp

coturn coturn/coturn:latest

filebrowser filebrowser/filebrowser:latest 0.0.0.0:8080->80/tcp, [::]:8080->80/tcp

n8n docker.n8n.io/n8nio/n8n:latest 0.0.0.0:5678->5678/tcp, [::]:5678->5678/tcp

glyph@nxcore:/opt/traefik$ # TCP listeners with owning process (kernel + PIDs)

sudo ss -ltnp

# UDP listeners (rarely needed, but handy)

sudo ss -lunp

State Recv-Q Send-Q Local Address:Port Peer Address:Port Process

LISTEN 0 4096 127.0.0.54:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=17))

LISTEN 0 4096 0.0.0.0:5678 0.0.0.0:\* users:(("docker-proxy",pid=93852,fd=7))

LISTEN 0 4096 100.115.9.61:9443 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=28))

LISTEN 0 4096 100.115.9.61:9445 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=30))

LISTEN 0 4096 0.0.0.0:4443 0.0.0.0:\* users:(("docker-proxy",pid=709362,fd=7))

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=149466,fd=7))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=48))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=44))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=24))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=12))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=62))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=56))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=32))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=22))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=59))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=53))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=31))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=21))

LISTEN 0 4096 127.0.0.53%lo:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=15))

LISTEN 0 4096 0.0.0.0:22 0.0.0.0:\* users:(("sshd",pid=1444,fd=3),("systemd",pid=1,fd=114))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=58))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=50))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=30))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=20))

LISTEN 0 4096 100.115.9.61:63555 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=23))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=54))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=47))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=28))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=18))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=51))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=45))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=26))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=16))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=55))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=49))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=29))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=19))

LISTEN 0 4096 [::]:5678 [::]:\* users:(("docker-proxy",pid=93858,fd=7))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=25))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=34))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=63))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=67))

LISTEN 0 4096 [::]:4443 [::]:\* users:(("docker-proxy",pid=709369,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=149473,fd=7))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:38343 [::]:\* users:(("tailscaled",pid=104120,fd=24))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=27))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=35))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=66))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=68))

LISTEN 0 4096 \*:9100 \*:\* users:(("node\_exporter",pid=1335096,fd=3))

LISTEN 0 4096 [::]:22 [::]:\* users:(("sshd",pid=1444,fd=4),("systemd",pid=1,fd=116))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=23))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=33))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=61))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=64))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:9443 [::]:\* users:(("tailscaled",pid=104120,fd=29))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:9445 [::]:\* users:(("tailscaled",pid=104120,fd=31))

State Recv-Q Send-Q Local Address:Port Peer Address:Port Process

UNCONN 0 0 127.0.0.54:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=16))

UNCONN 0 0 127.0.0.53%lo:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=14))

UNCONN 0 0 192.168.7.209%enp1s0:68 0.0.0.0:\* users:(("systemd-network",pid=937,fd=22))

UNCONN 0 0 0.0.0.0:41641 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=19))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=91))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=90))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=89))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=88))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=87))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=86))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=85))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=84))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=83))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=82))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=81))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=80))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=79))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=78))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=77))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=76))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=75))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=74))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=73))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=72))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=71))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=70))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=69))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=65))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=60))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=57))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=52))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=46))

UNCONN 0 0 [::]:41641 [::]:\* users:(("tailscaled",pid=104120,fd=18))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=92))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=93))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=94))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=95))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=96))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=97))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=98))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=99))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=100))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=101))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=102))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=103))

glyph@nxcore:/opt/traefik$ # replace 8080 with any port you're curious about

sudo ss -ltnp | grep :8080

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=149466,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=149473,fd=7))

glyph@nxcore:/opt/traefik$ # requires lsof; install once: sudo apt-get install -y lsof

sudo lsof -i -P -n | grep LISTEN

systemd 1 root 114u IPv4 8682 0t0 TCP \*:22 (LISTEN)

systemd 1 root 116u IPv6 8684 0t0 TCP \*:22 (LISTEN)

systemd-r 745 systemd-resolve 15u IPv4 7778 0t0 TCP 127.0.0.53:53 (LISTEN)

systemd-r 745 systemd-resolve 17u IPv4 7780 0t0 TCP 127.0.0.54:53 (LISTEN)

sshd 1444 root 3u IPv4 8682 0t0 TCP \*:22 (LISTEN)

sshd 1444 root 4u IPv6 8684 0t0 TCP \*:22 (LISTEN)

docker-pr 93852 root 7u IPv4 224897 0t0 TCP \*:5678 (LISTEN)

docker-pr 93858 root 7u IPv6 224898 0t0 TCP \*:5678 (LISTEN)

tailscale 104120 root 23u IPv4 241172 0t0 TCP 100.115.9.61:63555 (LISTEN)

tailscale 104120 root 24u IPv6 241174 0t0 TCP [fd7a:115c:a1e0::9901:93e]:38343 (LISTEN)

tailscale 104120 root 28u IPv4 8326283 0t0 TCP 100.115.9.61:9443 (LISTEN)

tailscale 104120 root 29u IPv6 8324990 0t0 TCP [fd7a:115c:a1e0::9901:93e]:9443 (LISTEN)

tailscale 104120 root 30u IPv4 8318762 0t0 TCP 100.115.9.61:9445 (LISTEN)

tailscale 104120 root 31u IPv6 8320892 0t0 TCP [fd7a:115c:a1e0::9901:93e]:9445 (LISTEN)

docker-pr 149466 root 7u IPv4 315354 0t0 TCP \*:8080 (LISTEN)

docker-pr 149473 root 7u IPv6 315355 0t0 TCP \*:8080 (LISTEN)

turnserve 268272 nobody 12u IPv4 574161 0t0 TCP 127.0.0.1:3478 (LISTEN)

turnserve 268272 nobody 16u IPv4 574162 0t0 TCP 192.168.7.209:3478 (LISTEN)

turnserve 268272 nobody 18u IPv4 574163 0t0 TCP 172.17.0.1:3478 (LISTEN)

turnserve 268272 nobody 19u IPv4 574164 0t0 TCP 172.19.0.1:3478 (LISTEN)

turnserve 268272 nobody 20u IPv4 574165 0t0 TCP 172.18.0.1:3478 (LISTEN)

turnserve 268272 nobody 21u IPv4 574166 0t0 TCP 172.20.0.1:3478 (LISTEN)

turnserve 268272 nobody 22u IPv4 574167 0t0 TCP 100.115.9.61:3478 (LISTEN)

turnserve 268272 nobody 23u IPv6 574168 0t0 TCP [::1]:3478 (LISTEN)

turnserve 268272 nobody 24u IPv4 575014 0t0 TCP 127.0.0.1:3478 (LISTEN)

turnserve 268272 nobody 25u IPv6 574169 0t0 TCP [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 (LISTEN)

turnserve 268272 nobody 26u IPv4 575015 0t0 TCP 192.168.7.209:3478 (LISTEN)

turnserve 268272 nobody 27u IPv6 574170 0t0 TCP [fd7a:115c:a1e0::9901:93e]:3478 (LISTEN)

turnserve 268272 nobody 28u IPv4 575016 0t0 TCP 172.17.0.1:3478 (LISTEN)

turnserve 268272 nobody 29u IPv4 575017 0t0 TCP 172.19.0.1:3478 (LISTEN)

turnserve 268272 nobody 30u IPv4 575018 0t0 TCP 172.18.0.1:3478 (LISTEN)

turnserve 268272 nobody 31u IPv4 575019 0t0 TCP 172.20.0.1:3478 (LISTEN)

turnserve 268272 nobody 32u IPv4 575020 0t0 TCP 100.115.9.61:3478 (LISTEN)

turnserve 268272 nobody 33u IPv6 575021 0t0 TCP [::1]:3478 (LISTEN)

turnserve 268272 nobody 34u IPv6 575022 0t0 TCP [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 (LISTEN)

turnserve 268272 nobody 35u IPv6 575023 0t0 TCP [fd7a:115c:a1e0::9901:93e]:3478 (LISTEN)

turnserve 268272 nobody 44u IPv4 575025 0t0 TCP 127.0.0.1:3478 (LISTEN)

turnserve 268272 nobody 45u IPv4 575026 0t0 TCP 192.168.7.209:3478 (LISTEN)

turnserve 268272 nobody 47u IPv4 575027 0t0 TCP 172.17.0.1:3478 (LISTEN)

turnserve 268272 nobody 48u IPv4 576164 0t0 TCP 127.0.0.1:3478 (LISTEN)

turnserve 268272 nobody 49u IPv4 575028 0t0 TCP 172.19.0.1:3478 (LISTEN)

turnserve 268272 nobody 50u IPv4 575029 0t0 TCP 172.18.0.1:3478 (LISTEN)

turnserve 268272 nobody 51u IPv4 576165 0t0 TCP 192.168.7.209:3478 (LISTEN)

turnserve 268272 nobody 53u IPv4 575030 0t0 TCP 172.20.0.1:3478 (LISTEN)

turnserve 268272 nobody 54u IPv4 576166 0t0 TCP 172.17.0.1:3478 (LISTEN)

turnserve 268272 nobody 55u IPv4 576167 0t0 TCP 172.19.0.1:3478 (LISTEN)

turnserve 268272 nobody 56u IPv4 575031 0t0 TCP 100.115.9.61:3478 (LISTEN)

turnserve 268272 nobody 58u IPv4 576168 0t0 TCP 172.18.0.1:3478 (LISTEN)

turnserve 268272 nobody 59u IPv4 576169 0t0 TCP 172.20.0.1:3478 (LISTEN)

turnserve 268272 nobody 61u IPv6 575032 0t0 TCP [::1]:3478 (LISTEN)

turnserve 268272 nobody 62u IPv4 576170 0t0 TCP 100.115.9.61:3478 (LISTEN)

turnserve 268272 nobody 63u IPv6 575033 0t0 TCP [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 (LISTEN)

turnserve 268272 nobody 64u IPv6 576171 0t0 TCP [::1]:3478 (LISTEN)

turnserve 268272 nobody 66u IPv6 575034 0t0 TCP [fd7a:115c:a1e0::9901:93e]:3478 (LISTEN)

turnserve 268272 nobody 67u IPv6 576172 0t0 TCP [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 (LISTEN)

turnserve 268272 nobody 68u IPv6 576173 0t0 TCP [fd7a:115c:a1e0::9901:93e]:3478 (LISTEN)

docker-pr 709362 root 7u IPv4 7195082 0t0 TCP \*:4443 (LISTEN)

docker-pr 709369 root 7u IPv6 7195083 0t0 TCP \*:4443 (LISTEN)

node\_expo 1335096 nobody 3u IPv6 8278030 0t0 TCP \*:9100 (LISTEN)

glyph@nxcore:/opt/traefik$ sudo docker ps --format '{{.Names}} {{.Ports}}' \

| sed 's/, /\n/g' \

| awk '{printf "%-30s %s\n", $1, $2}'

node\_exporter

watchtower 8080/tcp

aerocaller 0.0.0.0:4443->4443/tcp

[::]:4443->4443/tcp

coturn

filebrowser 0.0.0.0:8080->80/tcp

[::]:8080->80/tcp

n8n 0.0.0.0:5678->5678/tcp

[::]:5678->5678/tcp

glyph@nxcore:/opt/traefik$ echo '=== CONTAINERS ==='

sudo docker ps --format 'table {{.Names}}\t{{.Image}}\t{{.Ports}}'

echo

echo '=== TCP LISTENERS (by process) ==='

sudo ss -ltnp

echo

echo '=== UDP LISTENERS (by process) ==='

sudo ss -lunp

=== CONTAINERS ===

NAMES IMAGE PORTS

node\_exporter quay.io/prometheus/node-exporter:latest

watchtower containrrr/watchtower:latest 8080/tcp

aerocaller node:18-alpine 0.0.0.0:4443->4443/tcp, [::]:4443->4443/tcp

coturn coturn/coturn:latest

filebrowser filebrowser/filebrowser:latest 0.0.0.0:8080->80/tcp, [::]:8080->80/tcp

n8n docker.n8n.io/n8nio/n8n:latest 0.0.0.0:5678->5678/tcp, [::]:5678->5678/tcp

=== TCP LISTENERS (by process) ===

State Recv-Q Send-Q Local Address:Port Peer Address:Port Process

LISTEN 0 4096 127.0.0.54:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=17))

LISTEN 0 4096 0.0.0.0:5678 0.0.0.0:\* users:(("docker-proxy",pid=93852,fd=7))

LISTEN 0 4096 100.115.9.61:9443 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=28))

LISTEN 0 4096 100.115.9.61:9445 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=30))

LISTEN 0 4096 0.0.0.0:4443 0.0.0.0:\* users:(("docker-proxy",pid=709362,fd=7))

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=149466,fd=7))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=48))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=44))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=24))

LISTEN 0 1024 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=12))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=62))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=56))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=32))

LISTEN 0 1024 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=22))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=59))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=53))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=31))

LISTEN 0 1024 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=21))

LISTEN 0 4096 127.0.0.53%lo:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=15))

LISTEN 0 4096 0.0.0.0:22 0.0.0.0:\* users:(("sshd",pid=1444,fd=3),("systemd",pid=1,fd=114))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=58))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=50))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=30))

LISTEN 0 1024 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=20))

LISTEN 0 4096 100.115.9.61:63555 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=23))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=54))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=47))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=28))

LISTEN 0 1024 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=18))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=51))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=45))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=26))

LISTEN 0 1024 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=16))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=55))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=49))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=29))

LISTEN 0 1024 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=19))

LISTEN 0 4096 [::]:5678 [::]:\* users:(("docker-proxy",pid=93858,fd=7))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=25))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=34))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=63))

LISTEN 0 1024 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=67))

LISTEN 0 4096 [::]:4443 [::]:\* users:(("docker-proxy",pid=709369,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=149473,fd=7))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:38343 [::]:\* users:(("tailscaled",pid=104120,fd=24))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=27))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=35))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=66))

LISTEN 0 1024 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=68))

LISTEN 0 4096 \*:9100 \*:\* users:(("node\_exporter",pid=1335096,fd=3))

LISTEN 0 4096 [::]:22 [::]:\* users:(("sshd",pid=1444,fd=4),("systemd",pid=1,fd=116))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=23))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=33))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=61))

LISTEN 0 1024 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=64))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:9443 [::]:\* users:(("tailscaled",pid=104120,fd=29))

LISTEN 0 4096 [fd7a:115c:a1e0::9901:93e]:9445 [::]:\* users:(("tailscaled",pid=104120,fd=31))

=== UDP LISTENERS (by process) ===

State Recv-Q Send-Q Local Address:Port Peer Address:Port Process

UNCONN 0 0 127.0.0.54:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=16))

UNCONN 0 0 127.0.0.53%lo:53 0.0.0.0:\* users:(("systemd-resolve",pid=745,fd=14))

UNCONN 0 0 192.168.7.209%enp1s0:68 0.0.0.0:\* users:(("systemd-network",pid=937,fd=22))

UNCONN 0 0 0.0.0.0:41641 0.0.0.0:\* users:(("tailscaled",pid=104120,fd=19))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=91))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=90))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=89))

UNCONN 0 0 100.115.9.61:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=88))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=87))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=86))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=85))

UNCONN 0 0 172.20.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=84))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=83))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=82))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=81))

UNCONN 0 0 172.18.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=80))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=79))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=78))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=77))

UNCONN 0 0 172.19.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=76))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=75))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=74))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=73))

UNCONN 0 0 172.17.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=72))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=71))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=70))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=69))

UNCONN 0 0 192.168.7.209:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=65))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=60))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=57))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=52))

UNCONN 0 0 127.0.0.1:3478 0.0.0.0:\* users:(("turnserver",pid=268272,fd=46))

UNCONN 0 0 [::]:41641 [::]:\* users:(("tailscaled",pid=104120,fd=18))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=92))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=93))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=94))

UNCONN 0 0 [::1]:3478 [::]:\* users:(("turnserver",pid=268272,fd=95))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=96))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=97))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=98))

UNCONN 0 0 [fd88:bc9e:4369:1:529a:4cff:fe5b:7db4]:3478 [::]:\* users:(("turnserver",pid=268272,fd=99))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=100))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=101))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=102))

UNCONN 0 0 [fd7a:115c:a1e0::9901:93e]:3478 [::]:\* users:(("turnserver",pid=268272,fd=103))

glyph@nxcore:/opt/traefik$ # stop filebrowser (it’s the one holding 8080)

sudo docker stop filebrowser

# try Traefik again

cd /opt/traefik

sudo docker compose up -d

sudo docker logs -n 50 traefik

filebrowser

[+] Running 1/1

✔ Container traefik Started 0.2s

glyph@nxcore:/opt/traefik$ # create a simple compose for filebrowser routed by Traefik

sudo mkdir -p /opt/filebrowser

sudo tee /opt/filebrowser/docker-compose.yml >/dev/null <<'YAML'

services:

filebrowser:

image: filebrowser/filebrowser:latest

container\_name: filebrowser

restart: unless-stopped

volumes:

- /srv/media:/srv # adjust to your media path

- ./config:/config

networks:

- gateway

labels:

- traefik.enable=true

- traefik.http.routers.filebrowser.rule=Host(`files.nxcore`) # use your MagicDNS host

- traefik.http.routers.filebrowser.entrypoints=web

- traefik.http.routers.filebrowser.middlewares=tailnet-only

- traefik.http.services.filebrowser.loadbalancer.server.port=80

networks:

gateway:

external: true

name: gateway

YAML

cd /opt/filebrowser

sudo docker compose up -d

[+] Running 1/1

✘ Container filebrowser Error response from daemon: Conflict. The container name "/fi... 0.0s

Error response from daemon: Conflict. The container name "/filebrowser" is already in use by container "9c844f676bed269dd8498b65e9f485fd75c28d3630275ab040bdfcc94462f2d7". You have to remove (or rename) that container to be able to reuse that name.

glyph@nxcore:/opt/filebrowser$ # see mounts/volumes used by the existing container

sudo docker inspect filebrowser --format '{{range .Mounts}}{{println .Source "->" .Destination}}{{end}}'

/srv/core -> /srv

/srv/core/filebrowser -> /database

/srv/core/filebrowser/config -> /config

glyph@nxcore:/opt/filebrowser$ sudo docker stop filebrowser

sudo docker rm filebrowser

filebrowser

filebrowser

glyph@nxcore:/opt/filebrowser$ cd /opt/traefik

sudo docker compose up -d

sudo docker ps --filter name=traefik

sudo docker logs -n 30 traefik

[+] Running 1/1

✔ Container traefik Running 0.0s

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

486fef466062 traefik:v3.0 "/entrypoint.sh --ap…" 10 minutes ago Up 3 minutes 80/tcp, 0.0.0.0:8080->8080/tcp, [::]:8080->8080/tcp traefik

glyph@nxcore:/opt/traefik$ sudo mkdir -p /opt/filebrowser

sudo tee /opt/filebrowser/docker-compose.yml >/dev/null <<'YAML'

services:

filebrowser:

image: filebrowser/filebrowser:latest

container\_name: filebrowser

restart: unless-stopped

volumes:

- /srv/core:/srv

- /srv/core/filebrowser:/database

- /srv/core/filebrowser/config:/config

networks:

- gateway

labels:

- traefik.enable=true

- traefik.http.routers.filebrowser.rule=Host(`files.nxcore`) # change to your MagicDNS host if you want

- traefik.http.routers.filebrowser.entrypoints=web

- traefik.http.routers.filebrowser.middlewares=tailnet-only

- traefik.http.services.filebrowser.loadbalancer.server.port=80

networks:

gateway:

external: true

name: gateway

YAML

cd /opt/filebrowser

sudo docker compose up -d

[+] Running 1/1

✔ Container filebrowser Started 0.2s

glyph@nxcore:/opt/filebrowser$ # Traefik up?

sudo docker ps --filter name=traefik

# FileBrowser up and NOT publishing a host port?

sudo docker ps --filter name=filebrowser --format 'table {{.Names}}\t{{.Ports}}'

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

486fef466062 traefik:v3.0 "/entrypoint.sh --ap…" 10 minutes ago Up 4 minutes 80/tcp, 0.0.0.0:8080->8080/tcp, [::]:8080->8080/tcp traefik

NAMES PORTS

filebrowser 80/tcp

glyph@nxcore:/opt/filebrowser$ sudo docker ps --format 'table {{.Names}}\t{{.Image}}\t{{.Ports}}'

NAMES IMAGE PORTS

filebrowser filebrowser/filebrowser:latest 80/tcp

traefik traefik:v3.0 80/tcp, 0.0.0.0:8080->8080/tcp, [::]:8080->8080/tcp

node\_exporter quay.io/prometheus/node-exporter:latest

watchtower containrrr/watchtower:latest 8080/tcp

aerocaller node:18-alpine 0.0.0.0:4443->4443/tcp, [::]:4443->4443/tcp

coturn coturn/coturn:latest

n8n docker.n8n.io/n8nio/n8n:latest 0.0.0.0:5678->5678/tcp, [::]:5678->5678/tcp

glyph@nxcore:/opt/filebrowser$ glyph@nxcore:/opt/filebrowser$ sudo docker ps --format 'table {{.Names}}\t{{.Image}}\t{{.Ports}}'

NAMES IMAGE PORTS

filebrowser filebrowser/filebrowser:latest 80/tcp

traefik traefik:v3.0 80/tcp, 0.0.0.0:8080->8080/tcp, [::]:8080->8080/tcp

node\_exporter quay.io/prometheus/node-exporter:latest

watchtower containrrr/watchtower:latest 8080/tcp

aerocaller node:18-alpine 0.0.0.0:4443->4443/tcp, [::]:4443->4443/tcp

coturn coturn/coturn:latest

n8n docker.n8n.io/n8nio/n8n:latest 0.0.0.0:5678->5678/tcp, [::]:5678->5678/tcp

glyph@nxcore:/opt/filebrowser$curl -H "Host: files.nxcore" http://127.0.0.1:8080/

-bash: glyph@nxcore:/opt/filebrowser$: No such file or directory

NAMES: command not found

filebrowser: command not found

-bash: 8080/tcp,: No such file or directory

node\_exporter: command not found

watchtower: command not found

-bash: 4443/tcp,: No such file or directory

Command 'coturn' not found, but can be installed with:

sudo apt install coturn

-bash: 5678/tcp,: No such file or directory

-bash: glyph@nxcore:/opt/filebrowser: No such file or directory

glyph@nxcore:/opt/filebrowser$ curl -i -H 'Host: files.nxcore' http://127.0.0.1:8080/

HTTP/1.1 404 Not Found

Content-Type: text/plain; charset=utf-8

X-Content-Type-Options: nosniff

Date: Mon, 13 Oct 2025 09:50:17 GMT

Content-Length: 19

404 page not found

glyph@nxcore:/opt/filebrowser$ sudo sed -i 's/middlewares=tailnet-only/middlewares=tailnet-only@file/' /opt/filebrowser/docker-compose.yml

glyph@nxcore:/opt/filebrowser$ cd /opt/filebrowser

sudo docker compose up -d

[+] Running 1/1

✔ Container filebrowser Started 0.3s

glyph@nxcore:/opt/filebrowser$ curl -i -H 'Host: files.nxcore' http://127.0.0.1:8080/

HTTP/1.1 403 Forbidden

Date: Mon, 13 Oct 2025 09:53:03 GMT

Content-Length: 9

Forbiddenglyph@nxcore:/opt/filebrowser$ tailscale ip -4

100.115.9.61

glyph@nxcore:/opt/filebrowser$ tailscale status --self

100.115.9.61 nxcore trcamach@ linux -

100.96.78.9 aerocoreos trcamach@ linux -

100.112.151.67 av-dsktp-o6 trcamach@ windows active; direct 192.168.7.222:41641, tx 3985573460 rx 3613667980

100.105.47.121 av-lsv-o1-linux trcamach@ linux offline

100.100.239.23 av-lsv-o1 trcamach@ windows offline

100.102.151.96 av-o1 trcamach@ windows offline

100.67.36.79 billbox-samsung-sm-x900 trcamach@ android offline

100.121.178.43 bytecore trcamach@ linux offline

100.76.201.75 hq-central trcamach@ windows active; direct 192.168.7.185:41641, tx 46267124 rx 2112996

100.88.255.127 j-phone-15 trcamach@ iOS -

100.86.228.64 jay-machine trcamach@ windows offline

100.99.174.1 pocket-samsung-sm-s928u trcamach@ android offline

100.86.32.108 samsung-sm-a156u billyhendrickson18@ android offline

glyph@nxcore:/opt/filebrowser$ sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

sudo docker logs -n 200 traefik | egrep -i 'router|filebrowser|entrypoint|error|middleware|loaded'

[sudo] password for glyph:

com.docker.compose.config-hash = 29e93fb65f5e54f4f578ed10fd5b52232ee13d342f68cacabc4abed8a05b0073

com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:3d55f9a1b31ccd9e4ad9d3a262e754450d75103c226906fce3100d9198b70a70

com.docker.compose.oneoff = False

com.docker.compose.project = filebrowser

com.docker.compose.project.config\_files = /opt/filebrowser/docker-compose.yml

com.docker.compose.project.working\_dir = /opt/filebrowser

com.docker.compose.replace = filebrowser

com.docker.compose.service = filebrowser

com.docker.compose.version = 2.40.0

org.opencontainers.image.created = 2025-09-25T15:23:29Z

org.opencontainers.image.name = filebrowser

org.opencontainers.image.revision = 878cdfbc52bdb4c4385f24904a87927f852cb907

org.opencontainers.image.source = https://github.com/filebrowser/filebrowser

org.opencontainers.image.version = 2.44.0

traefik.enable = true

traefik.http.routers.filebrowser.entrypoints = web

traefik.http.routers.filebrowser.middlewares = tailnet-only@file

traefik.http.routers.filebrowser.rule = Host(`files.nxcore`)

traefik.http.services.filebrowser.loadbalancer.server.port = 80

2025-10-13T09:45:51Z ERR error="middleware \"tailnet-only@docker\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T10:05:24Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:53706: i/o timeout"

2025-10-13T10:16:03Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:50754: i/o timeout"

glyph@nxcore:/opt/filebrowser$ # A) What labels does the running filebrowser have?

sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# B) Did Traefik create a router for files.av?

sudo docker logs -n 200 traefik | egrep -i 'filebrowser|router|rule|entrypoint|error'

# C) Are both on the same network?

sudo docker inspect traefik --format '{{json .NetworkSettings.Networks}}'

sudo docker inspect filebrowser --format '{{json .NetworkSettings.Networks}}'

com.docker.compose.config-hash = 29e93fb65f5e54f4f578ed10fd5b52232ee13d342f68cacabc4abed8a05b0073

com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:3d55f9a1b31ccd9e4ad9d3a262e754450d75103c226906fce3100d9198b70a70

com.docker.compose.oneoff = False

com.docker.compose.project = filebrowser

com.docker.compose.project.config\_files = /opt/filebrowser/docker-compose.yml

com.docker.compose.project.working\_dir = /opt/filebrowser

com.docker.compose.replace = filebrowser

com.docker.compose.service = filebrowser

com.docker.compose.version = 2.40.0

org.opencontainers.image.created = 2025-09-25T15:23:29Z

org.opencontainers.image.name = filebrowser

org.opencontainers.image.revision = 878cdfbc52bdb4c4385f24904a87927f852cb907

org.opencontainers.image.source = https://github.com/filebrowser/filebrowser

org.opencontainers.image.version = 2.44.0

traefik.enable = true

traefik.http.routers.filebrowser.entrypoints = web

traefik.http.routers.filebrowser.middlewares = tailnet-only@file

traefik.http.routers.filebrowser.rule = Host(`files.nxcore`)

traefik.http.services.filebrowser.loadbalancer.server.port = 80

2025-10-13T09:45:51Z ERR error="middleware \"tailnet-only@docker\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T10:05:24Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:53706: i/o timeout"

2025-10-13T10:16:03Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:50754: i/o timeout"

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["traefik","traefik"],"MacAddress":"7a:2c:65:22:e3:99","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"7cf834a1df6fdbb4dd3c5e8f21e7a868ddcbde44270583f7aa9ecc387d12db7c","Gateway":"172.21.0.1","IPAddress":"172.21.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]}}

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["filebrowser","filebrowser"],"MacAddress":"0a:49:86:6d:85:07","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"fa5df603406b5dd53ad3bda97ca6933bb6a8c5b40db22a86b29e7d15fb0793e7","Gateway":"172.21.0.1","IPAddress":"172.21.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["filebrowser","3f23d32bf716"]}}

glyph@nxcore:/opt/filebrowser$ # A) What labels does the running filebrowser have?

sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# B) Did Traefik create a router for files.av?

sudo docker logs -n 200 traefik | egrep -i 'filebrowser|router|rule|entrypoint|error'

# C) Are both on the same network?

sudo docker inspect traefik --format '{{json .NetworkSettings.Networks}}'

sudo docker inspect filebrowser --format '{{json .NetworkSettings.Networks}}'

com.docker.compose.config-hash = 29e93fb65f5e54f4f578ed10fd5b52232ee13d342f68cacabc4abed8a05b0073

com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:3d55f9a1b31ccd9e4ad9d3a262e754450d75103c226906fce3100d9198b70a70

com.docker.compose.oneoff = False

com.docker.compose.project = filebrowser

com.docker.compose.project.config\_files = /opt/filebrowser/docker-compose.yml

com.docker.compose.project.working\_dir = /opt/filebrowser

com.docker.compose.replace = filebrowser

com.docker.compose.service = filebrowser

com.docker.compose.version = 2.40.0

org.opencontainers.image.created = 2025-09-25T15:23:29Z

org.opencontainers.image.name = filebrowser

org.opencontainers.image.revision = 878cdfbc52bdb4c4385f24904a87927f852cb907

org.opencontainers.image.source = https://github.com/filebrowser/filebrowser

org.opencontainers.image.version = 2.44.0

traefik.enable = true

traefik.http.routers.filebrowser.entrypoints = web

traefik.http.routers.filebrowser.middlewares = tailnet-only@file

traefik.http.routers.filebrowser.rule = Host(`files.nxcore`)

traefik.http.services.filebrowser.loadbalancer.server.port = 80

2025-10-13T09:45:51Z ERR error="middleware \"tailnet-only@docker\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T10:05:24Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:53706: i/o timeout"

2025-10-13T10:16:03Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:50754: i/o timeout"

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["traefik","traefik"],"MacAddress":"7a:2c:65:22:e3:99","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"7cf834a1df6fdbb4dd3c5e8f21e7a868ddcbde44270583f7aa9ecc387d12db7c","Gateway":"172.21.0.1","IPAddress":"172.21.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]}}

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["filebrowser","filebrowser"],"MacAddress":"0a:49:86:6d:85:07","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"fa5df603406b5dd53ad3bda97ca6933bb6a8c5b40db22a86b29e7d15fb0793e7","Gateway":"172.21.0.1","IPAddress":"172.21.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["filebrowser","3f23d32bf716"]}}

glyph@nxcore:/opt/filebrowser$ sudo sed -i \

-e "s|traefik.http.routers.filebrowser.rule=.\*|traefik.http.routers.filebrowser.rule=Host(\`files.av\`) || Host(\`files.aerovista.local\`)|" \

-e "s|routers.filebrowser.middlewares=.\*|routers.filebrowser.middlewares=tailnet-only@file|" \

/opt/filebrowser/docker-compose.yml

sed: -e expression #1, char 100: unknown option to `s'

glyph@nxcore:/opt/filebrowser$ sudo tee /opt/filebrowser/docker-compose.yml >/dev/null <<'YAML'

services:

filebrowser:

image: filebrowser/filebrowser:latest

container\_name: filebrowser

restart: unless-stopped

volumes:

- /srv/core:/srv

- /srv/core/filebrowser:/database

- /srv/core/filebrowser/config:/config

networks:

- gateway

labels:

- "traefik.enable=true"

- "traefik.http.routers.filebrowser.rule=Host(`files.av`) || Host(`files.aerovista.local`)"

- "traefik.http.routers.filebrowser.entrypoints=web"

- "traefik.http.routers.filebrowser.middlewares=tailnet-only@file"

- "traefik.http.services.filebrowser.loadbalancer.server.port=80"

networks:

gateway:

external: true

name: gateway

YAML

glyph@nxcore:/opt/filebrowser$ cd /opt/filebrowser

sudo docker compose up -d

[+] Running 1/1

✔ Container filebrowser Started 0.3s

glyph@nxcore:/opt/filebrowser$ sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

com.docker.compose.config-hash = 949d545b6bc7eaefee01639dd330bb5eb7300b2a864868e21573e1f65e6f58dc

com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:3d55f9a1b31ccd9e4ad9d3a262e754450d75103c226906fce3100d9198b70a70

com.docker.compose.oneoff = False

com.docker.compose.project = filebrowser

com.docker.compose.project.config\_files = /opt/filebrowser/docker-compose.yml

com.docker.compose.project.working\_dir = /opt/filebrowser

com.docker.compose.replace = filebrowser

com.docker.compose.service = filebrowser

com.docker.compose.version = 2.40.0

org.opencontainers.image.created = 2025-09-25T15:23:29Z

org.opencontainers.image.name = filebrowser

org.opencontainers.image.revision = 878cdfbc52bdb4c4385f24904a87927f852cb907

org.opencontainers.image.source = https://github.com/filebrowser/filebrowser

org.opencontainers.image.version = 2.44.0

traefik.enable = true

traefik.http.routers.filebrowser.entrypoints = web

traefik.http.routers.filebrowser.middlewares = tailnet-only@file

traefik.http.routers.filebrowser.rule = Host(`files.av`) || Host(`files.aerovista.local`)

traefik.http.services.filebrowser.loadbalancer.server.port = 80

glyph@nxcore:/opt/filebrowser$ sudo docker logs -n 120 traefik | egrep -i 'filebrowser|router|rule|entrypoint|error|loaded'

2025-10-13T09:45:51Z ERR error="middleware \"tailnet-only@docker\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T10:05:24Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:53706: i/o timeout"

2025-10-13T10:16:03Z ERR Error while Peeking first byte error="read tcp 172.21.0.2:8080->172.21.0.1:50754: i/o timeout"

glyph@nxcore:/opt/filebrowser$ cd /opt/traefik

sudo docker compose restart traefik

sleep 2

sudo docker logs --since 2m traefik | egrep -i 'filebrowser|router|rule|entrypoint|error|middleware|loaded' || true

[+] Restarting 1/1

✔ Container traefik Started 0.4s

2025-10-13T10:30:41Z ERR error="accept tcp [::]:8080: use of closed network connection" entryPointName=web

2025-10-13T10:30:41Z ERR error="close tcp [::]:8080: use of closed network connection" entryPointName=web

glyph@nxcore:/opt/traefik$ # allow tailscale, docker bridge host, and (optional) localhost for server-side curl

sudo tee /opt/traefik/dynamic/mw.yml >/dev/null <<'YAML'

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- "100.64.0.0/10" # Tailscale IPv4

- "fd7a:115c:a1e0::/48" # Tailscale IPv6

- "172.21.0.1/32" # Docker bridge source as seen by Traefik

- "127.0.0.1/32" # (optional) local testing

- "::1/128" # (optional) local IPv6

YAML

cd /opt/traefik && sudo docker compose restart traefik

[+] Restarting 1/1

✔ Container traefik Started 4.3s

glyph@nxcore:/opt/traefik$ sudo mkdir -p /opt/portainer

sudo tee /opt/portainer/docker-compose.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ce:latest

container\_name: portainer

restart: unless-stopped

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- ./data:/data

networks: [gateway]

labels:

- traefik.enable=true

- traefik.http.routers.portainer.rule=Host(`portainer.av`) || Host(`portainer.aerovista.local`)

- traefik.http.routers.portainer.entrypoints=web

- traefik.http.routers.portainer.middlewares=tailnet-only@file

- traefik.http.services.portainer.loadbalancer.server.port=9000

networks:

gateway:

external: true

name: gateway

YAML

cd /opt/portainer && sudo docker compose up -d

[+] Running 1/1

✘ Container portainer Error response from daemon: Conflict. The container name "/portai... 0.0s

Error response from daemon: Conflict. The container name "/portainer" is already in use by container "eb50086b638241c6782efd306ea1352e39afb43c4414d2bc4675113292fa8153". You have to remove (or rename) that container to be able to reuse that name.

glyph@nxcore:/opt/portainer$ sudo mkdir -p /opt/n8n

sudo tee /opt/n8n/docker-compose.yml >/dev/null <<'YAML'

services:

n8n:

image: docker.n8n.io/n8nio/n8n:latest

container\_name: n8n

restart: unless-stopped

environment:

- N8N\_HOST=n8n.av

- N8N\_PORT=5678

- N8N\_PROTOCOL=http

- WEBHOOK\_URL=http://n8n.av:8080/

volumes:

- ./data:/home/node/.n8n

networks: [gateway]

labels:

- traefik.enable=true

- traefik.http.routers.n8n.rule=Host(`n8n.av`) || Host(`n8n.aerovista.local`)

- traefik.http.routers.n8n.entrypoints=web

- traefik.http.routers.n8n.middlewares=tailnet-only@file

- traefik.http.services.n8n.loadbalancer.server.port=5678

networks:

gateway:

external: true

name: gateway

YAML

cd /opt/n8n && sudo docker compose up -d

[+] Running 1/1

✔ Container n8n Started 0.6s

glyph@nxcore:/opt/n8n$ sudo tailscale cert files.av

sudo tailscale cert portainer.av

sudo tailscale cert n8n.av

500 Internal Server Error: invalid domain "files.av"; must be one of ["nxcore.tail79107c.ts.net"]

500 Internal Server Error: invalid domain "portainer.av"; must be one of ["nxcore.tail79107c.ts.net"]

500 Internal Server Error: invalid domain "n8n.av"; must be one of ["nxcore.tail79107c.ts.net"]

glyph@nxcore:/opt/n8n$ volumes:

- /var/run/docker.sock:/var/run/docker.sock:ro

- ./dynamic:/etc/traefik/dynamic

- /var/lib/tailscale:/var/lib/tailscale:ro # <-- for certs

command:

- --entrypoints.web.address=:8080

- --entrypoints.websecure.address=:443 # <-- new

- --providers.docker=true

- --providers.file.directory=/etc/traefik/dynamic

volumes:: command not found

-: command not found

-: command not found

-: command not found

Command 'command:' not found, did you mean:

command 'commando' from snap commando (1.9.3)

See 'snap info <snapname>' for additional versions.

-: command not found

-: command not found

-: command not found

-: command not found

glyph@nxcore:/opt/n8n$ sudo docker ps --format 'table {{.Names}}\t{{.Image}}\t{{.Ports}}'

NAMES IMAGE PORTS

n8n docker.n8n.io/n8nio/n8n:latest

filebrowser filebrowser/filebrowser:latest 80/tcp

traefik traefik:v3.0 80/tcp, 0.0.0.0:8080->8080/tcp, [::]:8080->8080/tcp

node\_exporter quay.io/prometheus/node-exporter:latest

watchtower containrrr/watchtower:latest 8080/tcp

aerocaller node:18-alpine 0.0.0.0:4443->4443/tcp, [::]:4443->4443/tcp

coturn coturn/coturn:latest

glyph@nxcore:/opt/n8n$ sudo ss -ltnp | grep ':8080'

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=1535252,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=1535259,fd=7))

glyph@nxcore:/opt/n8n$ sudo docker inspect filebrowser --format '{{json .NetworkSettings.Networks}}'

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["filebrowser","filebrowser"],"MacAddress":"ba:87:98:1d:37:73","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"9733a489acff5c3246683dd6811fe2ca644948a5277c35c2a71fedd085b900ff","Gateway":"172.21.0.1","IPAddress":"172.21.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["filebrowser","5db78a4eab13"]}}

glyph@nxcore:/opt/n8n$ sudo docker inspect n8n --format '{{json .NetworkSettings.Networks}}'

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["n8n","n8n"],"MacAddress":"","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"","Gateway":"","IPAddress":"","IPPrefixLen":0,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["n8n","9e764d4da2e8"]}}

glyph@nxcore:/opt/n8n$ cd /opt/portainer

glyph@nxcore:/opt/portainer$ sudo docker compose up -d

[+] Running 1/1

✘ Container portainer Error response from daemon: Conflict. The container name "/portai... 0.0s

Error response from daemon: Conflict. The container name "/portainer" is already in use by container "eb50086b638241c6782efd306ea1352e39afb43c4414d2bc4675113292fa8153". You have to remove (or rename) that container to be able to reuse that name.

glyph@nxcore:/opt/portainer$ sudo docker inspect portainer --format '{{json .Mounts}}' | jq

[

{

"Type": "bind",

"Source": "/var/run/docker.sock",

"Destination": "/var/run/docker.sock",

"Mode": "",

"RW": true,

"Propagation": "rprivate"

},

{

"Type": "volume",

"Name": "portainer\_data",

"Source": "/var/lib/docker/volumes/portainer\_data/\_data",

"Destination": "/data",

"Driver": "local",

"Mode": "z",

"RW": true,

"Propagation": ""

}

]

glyph@nxcore:/opt/portainer$ sudo docker stop portainer

portainer

glyph@nxcore:/opt/portainer$ sudo docker compose up -d

[+] Running 1/1

✘ Container portainer Error response from daemon: Conflict. The container name "/portai... 0.0s

Error response from daemon: Conflict. The container name "/portainer" is already in use by container "eb50086b638241c6782efd306ea1352e39afb43c4414d2bc4675113292fa8153". You have to remove (or rename) that container to be able to reuse that name.

glyph@nxcore:/opt/portainer$ curl -I http://n8n.av:8080/

curl: (6) Could not resolve host: n8n.av

glyph@nxcore:/opt/portainer$ # Traefik listening on :8080

sudo ss -ltnp | grep ':8080'

# FileBrowser router labels

sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# Portainer (after migration)

sudo docker ps --filter name=portainer --format 'table {{.Names}}\t{{.Ports}}'

sudo docker inspect portainer --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# n8n labels

sudo docker inspect n8n --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# Traefik listening on :8080

sudo ss -ltnp | grep ':8080'

# FileBrowser router labels

sudo docker inspect filebrowser --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# Portainer (after migration)

sudo docker ps --filter name=portainer --format 'table {{.Names}}\t{{.Ports}}'

sudo docker inspect portainer --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

# n8n labels

sudo docker inspect n8n --format '{{range $k,$v := .Config.Labels}}{{println $k "=" $v}}{{end}}'

LISTEN 0 4096 0.0.0.0:8080 0.0.0.0:\* users:(("docker-proxy",pid=1535252,fd=7))

LISTEN 0 4096 [::]:8080 [::]:\* users:(("docker-proxy",pid=1535259,fd=7))

com.docker.compose.config-hash = 949d545b6bc7eaefee01639dd330bb5eb7300b2a864868e21573e1f65e6f58dc

com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:3d55f9a1b31ccd9e4ad9d3a262e754450d75103c226906fce3100d9198b70a70

com.docker.compose.oneoff = False

com.docker.compose.project = filebrowser

com.docker.compose.project.config\_files = /opt/filebrowser/docker-compose.yml

com.docker.compose.project.working\_dir = /opt/filebrowser

com.docker.compose.replace = filebrowser

com.docker.compose.service = filebrowser

com.docker.compose.version = 2.40.0

org.opencontainers.image.created = 2025-09-25T15:23:29Z

org.opencontainers.image.name = filebrowser

org.opencontainers.image.revision = 878cdfbc52bdb4c4385f24904a87927f852cb907

org.opencontainers.image.source = https://github.com/filebrowser/filebrowser

org.opencontainers.image.version = 2.44.0

traefik.enable = true

traefik.http.routers.filebrowser.entrypoints = web

traefik.http.routers.filebrowser.middlewares = tailnet-only@file

traefik.http.routers.filebrowser.rule = Host(`files.av`) || Host(`files.aerovista.local`)

traefik.http.services.filebrowser.loadbalancer.server.port = 80

NAMES PORTS

com.docker.desktop.extension.api.version = >= 0.2.2

com.docker.desktop.extension.icon = https://portainer-io-assets.sfo2.cdn.digitaloceanspaces.com/logos/portainer.png

com.docker.extension.additional-urls = [{"title":"Website","url":"https://www.portainer.io?utm\_campaign=DockerCon&utm\_source=DockerDesktop"},{"title":"Documentation","url":"https://docs.portainer.io"},{"title":"Support","url":"https://join.slack.com/t/portainer/shared\_invite/zt-txh3ljab-52QHTyjCqbe5RibC2lcjKA"}]

com.docker.extension.detailed-description = <p data-renderer-start-pos="226">Portainer&rsquo;s Docker Desktop extension gives you access to all of Portainer&rsquo;s rich management functionality within your docker desktop experience.</p><h2 data-renderer-start-pos="374">With Portainer you can:</h2><ul><li>See all your running containers</li><li>Easily view all of your container logs</li><li>Console into containers</li><li>Easily deploy your code into containers using a simple form</li><li>Turn your YAML into custom templates for easy reuse</li></ul><h2 data-renderer-start-pos="660">About Portainer&nbsp;</h2><p data-renderer-start-pos="680">Portainer is the worlds&rsquo; most popular universal container management platform with more than 650,000 active monthly users. Portainer can be used to manage Docker Standalone, Kubernetes and Docker Swarm environments through a single common interface. It includes a simple GitOps automation engine and a Kube API.&nbsp;</p><p data-renderer-start-pos="1006">Portainer Business Edition is our fully supported commercial grade product for business-wide use. It includes all the functionality that businesses need to manage containers at scale. Visit <a class="sc-jKJlTe dPfAtb" href="http://portainer.io/" title="http://Portainer.io" data-renderer-mark="true">Portainer.io</a> to learn more about Portainer Business and <a class="sc-jKJlTe dPfAtb" href="http://portainer.io/take-3?utm\_campaign=DockerCon&amp;utm\_source=Docker%20Desktop" title="http://portainer.io/take-3?utm\_campaign=DockerCon&amp;utm\_source=Docker%20Desktop" data-renderer-mark="true">get 3 free nodes.</a></p>

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com.docker.compose.container-number = 1

com.docker.compose.depends\_on =

com.docker.compose.image = sha256:7da8522a831870a2816e3e1cba50b2487b88bcaf31862d78010708f5b18afb71

com.docker.compose.oneoff = False

com.docker.compose.project = n8n

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com.docker.compose.project.working\_dir = /opt/n8n

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org.opencontainers.image.title = n8n

org.opencontainers.image.url = https://n8n.io

org.opencontainers.image.version = 1.114.4

traefik.enable = true

traefik.http.routers.n8n.entrypoints = web

traefik.http.routers.n8n.middlewares = tailnet-only@file

traefik.http.routers.n8n.rule = Host(`n8n.av`) || Host(`n8n.aerovista.local`)

traefik.http.services.n8n.loadbalancer.server.port = 5678

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NAMES PORTS

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traefik.http.routers.n8n.middlewares = tailnet-only@file

traefik.http.routers.n8n.rule = Host(`n8n.av`) || Host(`n8n.aerovista.local`)

traefik.http.services.n8n.loadbalancer.server.port = 5678

glyph@nxcore:/opt/portainer$ sudo docker rm portainer

portainer

glyph@nxcore:/opt/portainer$ cd /opt/portainer

sudo docker compose up -d

[+] Running 1/1

✔ Container portainer Started 0.2s

glyph@nxcore:/opt/portainer$ sudo docker ps --filter name=portainer --format 'table {{.Names}}\t{{.Ports}}'

sudo docker logs --since 2m traefik | egrep -i 'portainer|router|rule|error' || true

NAMES PORTS

portainer 8000/tcp, 9000/tcp, 9443/tcp

2025-10-13T11:01:41Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T11:02:44Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T11:03:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:/opt/portainer$ sudo docker ps --filter name=portainer --format 'table {{.Names}}\t{{.Ports}}'

NAMES PORTS

portainer 8000/tcp, 9000/tcp, 9443/tcp

glyph@nxcore:/opt/portainer$ sudo docker logs --since 2m traefik | egrep -i 'portainer|router|rule|error' || true

2025-10-13T11:02:44Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T11:03:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:/opt/portainer$ docker ps --filter name=portainer --format '{{.Image}} -> {{.Ports}}'

portainer/portainer-ce:latest -> 8000/tcp, 9000/tcp, 9443/tcp

glyph@nxcore:/opt/portainer$ docker stop portainer || true

portainer

glyph@nxcore:/opt/portainer$ docker rm portainer || true

portainer

glyph@nxcore:/opt/portainer$ version: "3.8"

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks: [traefik] # <- the same external Traefik network you already use

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.http.routers.portainer.rule=Host(`portainer.aerovista.local`)

- traefik.http.routers.portainer.entrypoints=websecure

- traefik.http.routers.portainer.tls.certresolver=leresolver

- traefik.http.services.portainer.loadbalancer.server.port=9000

# Optional: expose Edge UI later if you plan to use Edge Agents

# - traefik.http.routers.portainer-edge.rule=Host(`edge.aerovista.local`)

# - traefik.http.routers.portainer-edge.entrypoints=websecure

# - traefik.http.routers.portainer-edge.tls.certresolver=leresolver

# - traefik.http.services.portainer-edge.loadbalancer.server.port=8000

volumes:

portainer\_data:

networks:

traefik:

external: true

version:: command not found

services:: command not found

portainer:: command not found

Command 'image:' not found, did you mean:

command 'imagej' from deb imagej (1.54g-1)

command 'imagen' from deb hevea (2.36-2)

Try: sudo apt install <deb name>

Command 'command:' not found, did you mean:

command 'commando' from snap commando (1.9.3)

See 'snap info <snapname>' for additional versions.

Command 'restart:' not found, did you mean:

command 'restartd' from deb restartd (0.2.3-1.1)

Try: sudo apt install <deb name>

networks:: command not found

volumes:: command not found

-: command not found

-: command not found

labels:: command not found

-: command not found

-bash: syntax error near unexpected token `('

-: command not found

-: command not found

-: command not found

volumes:: command not found

portainer\_data:: command not found

networks:: command not found

traefik:: command not found

external:: command not found

glyph@nxcore:/opt/portainer$ docker stop portainer || true

docker rm portainer || true

Error response from daemon: No such container: portainer

Error response from daemon: No such container: portainer

glyph@nxcore:/opt/portainer$ docker stop portainer || true

Error response from daemon: No such container: portainer

glyph@nxcore:/opt/portainer$ cd..

cd..: command not found

glyph@nxcore:/opt/portainer$ cd..

cd..: command not found

glyph@nxcore:/opt/portainer$ cd..

cd..: command not found

glyph@nxcore:/opt/portainer$ cd ..

glyph@nxcore:/opt$ cd ..

glyph@nxcore:/$ l

bin@ cdrom/ home/ lib.usr-is-merged/ mnt/ root/ sbin.usr-is-merged/ swap.img usr/

bin.usr-is-merged/ dev/ lib@ lost+found/ opt/ run/ snap/ sys/ var/

boot/ etc/ lib64@ media/ proc/ sbin@ srv/ tmp/

glyph@nxcore:/$ l

bin@ cdrom/ home/ lib.usr-is-merged/ mnt/ root/ sbin.usr-is-merged/ swap.img usr/

bin.usr-is-merged/ dev/ lib@ lost+found/ opt/ run/ snap/ sys/ var/

boot/ etc/ lib64@ media/ proc/ sbin@ srv/ tmp/

glyph@nxcore:/$ ls

bin cdrom home lib.usr-is-merged mnt root sbin.usr-is-merged swap.img usr

bin.usr-is-merged dev lib lost+found opt run snap sys var

boot etc lib64 media proc sbin srv tmp

glyph@nxcore:/$ cd D:\NeXuS\NXCore-Control

-bash: cd: D:NeXuSNXCore-Control: No such file or directory

glyph@nxcore:/$ tailscale ip

100.115.9.61

fd7a:115c:a1e0::9901:93e

glyph@nxcore:/$ home

Command 'home' not found, did you mean:

command 'hime' from deb hime (0.9.11+dfsg-4)

command 'hose' from deb netpipes (4.2-8build1)

Try: sudo apt install <deb name>

glyph@nxcore:/$ cd home

glyph@nxcore:/home$ ls

glyph

glyph@nxcore:/home$ cd glyph

glyph@nxcore:~$ ls

media-backup.service media-backup.sh media-backup.timer snap

glyph@nxcore:~$ cd snap

glyph@nxcore:~/snap$ ls

powershell

glyph@nxcore:~/snap$ cd

glyph@nxcore:~$ ls

media-backup.service media-backup.sh media-backup.timer snap

glyph@nxcore:~$ cd\

> ls

Command 'cdls' not found, did you mean:

command 'ccls' from snap ccls (0.20241108)

command 'ccls' from deb ccls (0.20230717-1build2)

command 'ddls' from deb python3-deepdish (0.3.7-2)

See 'snap info <snapname>' for additional versions.

glyph@nxcore:~$ sudo docker ps --filter name=portainer --format 'table {{.Names}}\t{{.Ports}}'

[sudo] password for glyph:

NAMES PORTS

glyph@nxcore:~$ ssh glyph@100.115.9.61 'mkdir -p ~/NXCore-Control/docker'

glyph@100.115.9.61's password:

glyph@nxcore:~$ scp "D:\NeXuS\NXCore-Control\docker\compose-portainer.ee.fixed.yml" `

> glyph@100.115.9.61:~/NXCore-Control/docker/compose-portainer.ee.yml

> ssh glyph@100.115.9.61 'sudo mkdir -p /opt/portainer && sudo cp ~/NXCore-Control/docker/compose-portainer.ee.yml /opt/portainer/ && sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d'

>

>

> ^C

glyph@nxcore:~$ scp "D:\NeXuS\NXCore-Control\docker\compose-portainer.ee.fixed.yml" `

glyph@100.115.9.61:~/NXCore-Control/docker/compose-portainer.ee.yml

>

> ^C

glyph@nxcore:~$ # from your Windows machine (100.76.201.75)

# 1) create a staging folder on the server (in glyph's home)

ssh glyph@100.115.9.61 'mkdir -p ~/NXCore-Control/docker'

# 2) copy the compose file up (rename to a clean name)

scp "D:\NeXuS\NXCore-Control\docker\compose-portainer.ee.fixed.yml" `

glyph@100.115.9.61:~/NXCore-Control/docker/compose-portainer.ee.yml

# 3) place it under /opt/portainer and deploy (needs sudo on the server)

ssh glyph@100.115.9.61 'sudo mkdir -p /opt/portainer && sudo cp ~/NXCore-Control/docker/compose-portainer.ee.yml /opt/portainer/ && sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d'

glyph@100.115.9.61's password:

>

> ^C

glyph@nxcore:~$ scp "D:\NeXuS\NXCore-Control\docker\compose-portainer.ee.fixed.yml" `

glyph@100.115.9.61:~/NXCore-Control/docker/compose-portainer.ee.yml

# 3) place it under /opt/portainer and deploy (needs sudo on the server)

ssh glyph@100.115.9.61 'sudo mkdir -p /opt/portainer && sudo cp ~/NXCore-Control/docker/compose-portainer.ee.yml /opt/portainer/ && sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

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glyph@nxcore:~$ sudo mkdir -p /opt/portainer && sudo cp ~/NXCore-Control/docker/compose-portainer.ee.yml /opt/portainer/ && sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[sudo] password for glyph:

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 9/9

✔ portainer Pulled 8.3s

✔ dd71b00e32eb Already exists 0.0s

✔ 3ecc252cea9e Already exists 0.0s

✔ c551c6af3241 Already exists 0.0s

✔ 364b464969a7 Pull complete 0.4s

✔ f13582e48534 Pull complete 0.4s

✔ c47d72f93f84 Pull complete 6.0s

✔ 58a97d6e01de Pull complete 6.9s

✔ 4f4fb700ef54 Pull complete 7.0s

network traefik declared as external, but could not be found

glyph@nxcore:~$ sudo docker network create traefik

[sudo] password for glyph:

6e4f9d3aa3788a430582215ee5105d5ad6fcbf49372a75dfedf468b5d399b9e0

glyph@nxcore:~$ sudo docker network connect traefik traefik

glyph@nxcore:~$ docker inspect -f '{{json .NetworkSettings.Networks}}' traefik

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["traefik","traefik"],"MacAddress":"2a:47:ed:ab:88:58","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"4ba78dbc90d8a34dc41c91c254417d7d848c5c14a6e632dc496cbdc4436c2e36","Gateway":"172.21.0.1","IPAddress":"172.21.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]},"traefik":{"IPAMConfig":{},"Links":null,"Aliases":[],"MacAddress":"8a:75:fa:45:56:be","DriverOpts":{},"GwPriority":0,"NetworkID":"6e4f9d3aa3788a430582215ee5105d5ad6fcbf49372a75dfedf468b5d399b9e0","EndpointID":"cef0ebddecfd85c33edc48ad539742806429c6ee9db354d94fee83c9ee8feb62","Gateway":"172.22.0.1","IPAddress":"172.22.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]}}

glyph@nxcore:~$ docker inspect -f '{{json .NetworkSettings.Networks}}' portainer

Error: No such object: portainer

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 2/2

✔ Volume portainer\_portainer\_data Created 0.0s

✔ Container portainer-portainer-1 Started 0.2s

glyph@nxcore:~$ docker ps --filter name=portainer

docker inspect -f '{{json .NetworkSettings.Networks}}' portainer

# expect to see a "traefik" entry similar to what Traefik shows

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

ed06bdbe43fe portainer/portainer-ee:lts "/portainer -H unix:…" 34 seconds ago Up 34 seconds 8000/tcp, 9000/tcp, 9443/tcp portainer-portainer-1

Error: No such object: portainer

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer|router|rule|error' || true

2025-10-13T15:34:58Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:35:16Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:35:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:35:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:35:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:35:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:35:16Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:35:58Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:35:58Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:35:58Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:35:58Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:35:58Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:36:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:36:01Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:36:01Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:36:01Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:36:01Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:36:01Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

glyph@nxcore:~$ nano /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ nano /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ docker inspect traefik --format '{{json .Config.Cmd}}' | jq -r '.[]'

--api=false

--providers.docker=true

--providers.docker.exposedbydefault=false

--providers.file.directory=/etc/traefik/dynamic

--entrypoints.web.address=:8080

glyph@nxcore:~$ docker logs --since 10m traefik | egrep -i 'entrypoint|websecure|web |acme|resolver|certificate|letsencrypt' || true

2025-10-13T15:38:05Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:38:06Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:38:06Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:38:06Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:38:06Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:38:06Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:39:06Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:39:06Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:39:06Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:39:06Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:39:06Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:39:08Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:39:08Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:39:08Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:39:08Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:39:08Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:39:08Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:40:09Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:40:09Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:40:09Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:40:09Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:40:09Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:40:11Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:40:11Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:40:11Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:40:11Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:40:11Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:40:11Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:41:11Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:41:11Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:41:11Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:41:11Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:41:11Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:41:13Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:41:14Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:41:14Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:41:14Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:41:14Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:41:14Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:42:13Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:42:13Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:42:13Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:42:13Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:42:13Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:42:16Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:42:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:42:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:42:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:42:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:42:16Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:43:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:43:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:43:16Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:43:16Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:43:16Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:43:18Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:43:18Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:43:18Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:43:18Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:43:18Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:43:18Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:44:19Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:44:19Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:44:19Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:44:19Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:44:19Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:44:21Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:44:21Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:44:21Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:44:21Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:44:21Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:44:21Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:45:21Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:45:21Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:45:21Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:45:21Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:45:21Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:45:23Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:45:24Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:45:24Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:45:24Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:45:24Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:45:24Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:46:24Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:46:24Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:46:24Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:46:24Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:46:24Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:46:26Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:46:26Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:46:26Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:46:26Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:46:26Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:46:26Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:47:26Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:47:26Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:47:26Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:47:26Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:47:26Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T15:47:29Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T15:47:29Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:47:29Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:47:29Z ERR EntryPoint doesn't exist entryPointName=websecure routerName=portainer@docker

2025-10-13T15:47:29Z ERR No valid entryPoint for this router routerName=portainer@docker

2025-10-13T15:47:29Z ERR Router uses a non-existent certificate resolver certificateResolver=leresolver routerName=portainer@docker

glyph@nxcore:~$ docker inspect -f '{{json .NetworkSettings.Networks}}' traefik

{"gateway":{"IPAMConfig":null,"Links":null,"Aliases":["traefik","traefik"],"MacAddress":"2a:47:ed:ab:88:58","DriverOpts":null,"GwPriority":0,"NetworkID":"3a44fc727c1c0b4d318aedf09c395687d9b0cda0aaa445293a8b86ab5255fbbd","EndpointID":"4ba78dbc90d8a34dc41c91c254417d7d848c5c14a6e632dc496cbdc4436c2e36","Gateway":"172.21.0.1","IPAddress":"172.21.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]},"traefik":{"IPAMConfig":{},"Links":null,"Aliases":[],"MacAddress":"8a:75:fa:45:56:be","DriverOpts":{},"GwPriority":0,"NetworkID":"6e4f9d3aa3788a430582215ee5105d5ad6fcbf49372a75dfedf468b5d399b9e0","EndpointID":"cef0ebddecfd85c33edc48ad539742806429c6ee9db354d94fee83c9ee8feb62","Gateway":"172.22.0.1","IPAddress":"172.22.0.2","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["traefik","486fef466062"]}}

glyph@nxcore:~$ sudo mkdir -p /etc/traefik/tailscale

sudo tailscale cert \

--cert-file /etc/traefik/tailscale/portainer.crt \

--key-file /etc/traefik/tailscale/portainer.key \

portainer.aerovista.local

[sudo] password for glyph:

500 Internal Server Error: invalid domain "portainer.aerovista.local"; must be one of ["nxcore.tail79107c.ts.net"]

glyph@nxcore:~$ sudo mkdir -p /etc/traefik/tailscale

sudo tailscale cert \

--cert-file /etc/traefik/tailscale/nxcore.crt \

--key-file /etc/traefik/tailscale/nxcore.key \

nxcore.tail79107c.ts.net

Wrote public cert to /etc/traefik/tailscale/nxcore.crt

Wrote private key to /etc/traefik/tailscale/nxcore.key

glyph@nxcore:~$ sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

YAML

glyph@nxcore:~$ sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

>

> ^C

glyph@nxcore:~$ --providers.docker=true

--providers.docker.exposedbydefault=false

--providers.file.filename=/etc/traefik/tls.yml

--entrypoints.web.address=:80

--entrypoints.websecure.address=:443

--entrypoints.web.http.redirections.entrypoint.to=websecure

--entrypoints.web.http.redirections.entrypoint.scheme=https

--providers.docker=true: command not found

--providers.docker.exposedbydefault=false: command not found

-bash: --providers.file.filename=/etc/traefik/tls.yml: No such file or directory

--entrypoints.web.address=:80: command not found

--entrypoints.websecure.address=:443: command not found

--entrypoints.web.http.redirections.entrypoint.to=websecure: command not found

--entrypoints.web.http.redirections.entrypoint.scheme=https: command not found

glyph@nxcore:~$ /var/run/docker.sock:/var/run/docker.sock:ro

/etc/traefik/tailscale:/etc/traefik/tailscale:ro

/etc/traefik/tls.yml:/etc/traefik/tls.yml:ro

-bash: /var/run/docker.sock:/var/run/docker.sock:ro: No such file or directory

-bash: /etc/traefik/tailscale:/etc/traefik/tailscale:ro: No such file or directory

-bash: /etc/traefik/tls.yml:/etc/traefik/tls.yml:ro: No such file or directory

glyph@nxcore:~$ sudo sed -n '1,200p' /etc/traefik/tls.yml

[sudo] password for glyph:

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

glyph@nxcore:~$ sudo docker compose -f /opt/traefik/compose-traefik.yml up -d

WARN[0000] /opt/traefik/compose-traefik.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 5/5

✔ traefik Pulled 14.5s

✔ 2d35ebdb57d9 Pull complete 1.2s

✔ c22bd0179750 Pull complete 1.3s

✔ 6cd4fbf87175 Pull complete 13.2s

✔ 787b8e1b941c Pull complete 13.2s

[+] Running 1/1

✔ Container traefik Started 1.2s

glyph@nxcore:~$ docker logs --since 1m traefik | egrep -i 'entrypoint|websecure|tls|certificate' || true

2025-10-13T16:16:02Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:16:02Z ERR Router uses a nonexistent certificate resolver certificateResolver=leresolver routerName=portainer@docker

glyph@nxcore:~$ sudo nano /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.4s

glyph@nxcore:~$ sudo tee -a /etc/traefik/tls.yml >/dev/null <<'YAML'

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range (covers your tailnet)

YAML

# reload Traefik

docker restart traefik

traefik

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer|filebrowser|router|error|resolver|middleware' || true

2025-10-13T16:18:44Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=n8n@docker

2025-10-13T16:18:44Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:18:44Z ERR Router uses a nonexistent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T16:18:46Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:18:46Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:18:46Z ERR Router uses a nonexistent certificate resolver certificateResolver=leresolver routerName=portainer@docker

2025-10-13T16:19:06Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:19:06Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:19:07Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:19:09Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:19:42Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:19:49Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ sudo sed -i '/traefik.http.routers.portainer.tls.certresolver/d' /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container portainer-portainer-1 Running 0.0s

glyph@nxcore:~$ sudo tee -a /etc/traefik/tls.yml >/dev/null <<'YAML'

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range (covers your tailnet)

YAML

# reload Traefik

docker restart traefik

traefik

glyph@nxcore:~$ # Traefik should stop complaining about missing resolver/middleware

docker logs --since 2m traefik | egrep -i 'portainer|filebrowser|router|error|resolver|middleware' || true

# Portainer routed over HTTPS on your tailnet host

curl -I https://nxcore.tail79107c.ts.net # (root rule)

# or curl -I https://nxcore.tail79107c.ts.net/portainer if you used the path-prefix variant

2025-10-13T16:20:51Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:21:54Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:22:34Z ERR Error occurred during watcher callback error="yaml: unmarshal errors:\n line 13: mapping key \"http\" already defined at line 6" providerName=file

2025-10-13T16:22:34Z ERR Error while building configuration (for the first time) error="yaml: unmarshal errors:\n line 13: mapping key \"http\" already defined at line 6" providerName=file

2025-10-13T16:22:34Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:22:34Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

curl: (60) SSL certificate problem: self-signed certificate

More details here: https://curl.se/docs/sslcerts.html

curl failed to verify the legitimacy of the server and therefore could not

establish a secure connection to it. To learn more about this situation and

how to fix it, please visit the web page mentioned above.

glyph@nxcore:~$ sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

YAML

# reload Traefik so it re-reads tls.yml

docker restart traefik

# confirm the file provider loads cleanly (no yaml/unmarshal errors)

docker logs --since 90s traefik | egrep -i 'file provider|Loaded|entrypoint|websecure|tls|certificate|error' || true

traefik

2025-10-13T16:26:03Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:26:03Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=n8n@docker

2025-10-13T16:26:04Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:26:04Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:27:05Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T16:27:05Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=n8n@docker

2025-10-13T16:27:07Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T16:27:08Z ERR error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 16:32:36 GMT

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq .

{

"com.docker.compose.config-hash": "76398706696c004369c45df2f69fe7b498e548bc76fab851dd8dafce4c434c1d",

"com.docker.compose.container-number": "1",

"com.docker.compose.depends\_on": "",

"com.docker.compose.image": "sha256:b0bee03b0e79efb133e4a4bd46722b50b0e511acedc783b10c2379915165ce17",

"com.docker.compose.oneoff": "False",

"com.docker.compose.project": "portainer",

"com.docker.compose.project.config\_files": "/opt/portainer/compose-portainer.ee.yml",

"com.docker.compose.project.working\_dir": "/opt/portainer",

"com.docker.compose.replace": "portainer-1",

"com.docker.compose.service": "portainer",

"com.docker.compose.version": "2.40.0",

"io.portainer.server": "true",

"traefik.enable": "true",

"traefik.http.routers.portainer.entrypoints": "websecure",

"traefik.http.routers.portainer.rule": "Host(`portainer.aerovista.local`)",

"traefik.http.services.portainer.loadbalancer.server.port": "9000"

}

glyph@nxcore:~$ sudo nano /opt/portainer/compose-portainer.ee.yml

[sudo] password for glyph:

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.4s

glyph@nxcore:~$ docker logs --since 90s traefik | egrep -i 'portainer|router|rule|error' || true

2025-10-13T17:20:19Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T17:21:01Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T17:21:01Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 17:21:36 GMT

glyph@nxcore:~$ # On host (already correct, but verify)

sudo sed -n '1,200p' /etc/traefik/tls.yml

# Inside the container (this is the important check)

docker exec traefik sh -lc 'sed -n "1,200p" /etc/traefik/tls.yml'

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

glyph@nxcore:~$ docker inspect traefik --format '{{json .Config.Cmd}}' | jq -r '.[]' | egrep -i 'providers\.file|tls\.yml'

--providers.file.filename=/etc/traefik/tls.yml

glyph@nxcore:~$ docker restart traefik

docker logs --since 90s traefik | egrep -i 'file provider|Loaded|tls|certificate|error' || true

traefik

2025-10-13T17:23:27Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ docker compose -f /path/to/n8n-compose.yml up -d

open /path/to/n8n-compose.yml: no such file or directory

glyph@nxcore:~$ ls

media-backup.service media-backup.sh media-backup.timer NXCore-Control snap

glyph@nxcore:~$ cd opt

-bash: cd: opt: No such file or directory

glyph@nxcore:~$ docker compose -f /opt/n8n/compose-n8n.yml up -d

open /opt/n8n/compose-n8n.yml: no such file or directory

glyph@nxcore:~$ docker compose -f /opt/n8n/docker-compose.yml up -d

[+] Running 1/1

✔ Container n8n Started 0.0s

glyph@nxcore:~$ sudo nano /opt/n8n/docker-compose.yml

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq '.["traefik.http.routers.portainer.rule"]'

"Host(`nxcore.tail79107c.ts.net`)"

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'file provider|yaml|unmarshal|tailnet-only|error' || true

2025-10-13T17:33:53Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T17:34:55Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 17:35:15 GMT

glyph@nxcore:~$ # swap the Host() in your compose

sudo sed -i "s/Host(`portainer\.aerovista\.local`)/Host(`nxcore.tail79107c.ts.net`)/" /opt/portainer/compose-portainer.ee.yml

# redeploy Portainer

sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

# confirm the label is updated on the running container

docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq '.["traefik.http.routers.portainer.rule"]'

portainer.aerovista.local: command not found

nxcore.tail79107c.ts.net: command not found

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container portainer-portainer-1 Running 0.0s

"Host(`nxcore.tail79107c.ts.net`)"

glyph@nxcore:~$ sudo sed -i "s/Host(`portainer\.aerovista\.local`)/Host(`nxcore.tail79107c.ts.net`)/" /opt/portainer/compose-portainer.ee.yml

portainer.aerovista.local: command not found

nxcore.tail79107c.ts.net: command not found

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

WARN[0000] /opt/portainer/compose-portainer.ee.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container portainer-portainer-1 Running 0.0s

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq '.["traefik.http.routers.portainer.rule"]'

"Host(`nxcore.tail79107c.ts.net`)"

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 17:38:12 GMT

glyph@nxcore:~$ sudo sed -i '/^version:/d' /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ sudo nano /opt/n8n/docker-compose.yml

glyph@nxcore:~$ sudo nano /opt/n8n/docker-compose.yml

glyph@nxcore:~$ sudo nano /opt/n8n/docker-compose.yml

glyph@nxcore:~$ docker compose -f /opt/n8n/docker-compose.yml up -d

yaml: line 11: did not find expected '-' indicator

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer|router|error' || true

2025-10-13T17:40:08Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T17:41:11Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 17:42:05 GMT

glyph@nxcore:~$ docker inspect -f '{{json .NetworkSettings.Networks}}' portainer-portainer-1

{"traefik":{"IPAMConfig":null,"Links":null,"Aliases":["portainer-portainer-1","portainer"],"MacAddress":"4a:5c:35:79:a3:30","DriverOpts":null,"GwPriority":0,"NetworkID":"6e4f9d3aa3788a430582215ee5105d5ad6fcbf49372a75dfedf468b5d399b9e0","EndpointID":"c6d54af9a947c08f584672f98daa03af6cbd6cbb004bc30083d8c9ffc4823bbb","Gateway":"172.22.0.1","IPAddress":"172.22.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["portainer-portainer-1","portainer","762affdc4bab"]}}

glyph@nxcore:~$ docker network connect traefik portainer-portainer-1

Error response from daemon: endpoint with name portainer-portainer-1 already exists in network traefik

glyph@nxcore:~$ sudo bash -lc "awk '1; /traefik.http.services.portainer.loadbalancer.server.port/ {print \" - traefik.http.routers.portainer.priority=10\"}' /opt/portainer/compose-portainer.ee.yml > /opt/portainer/compose-portainer.ee.tmp && mv /opt/portainer/compose-portainer.ee.tmp /opt/portainer/compose-portainer.ee.yml"

[sudo] password for glyph:

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.4s

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq -r '.["traefik.http.routers.portainer.rule"], .["traefik.http.routers.portainer.entrypoints"]'

Host(`nxcore.tail79107c.ts.net`)

websecure

glyph@nxcore:~$ docker restart traefik

traefik

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'docker provider|portainer|router|error' || true

2025-10-13T18:04:07Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:05:10Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:05:14Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:05:14Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:05:51Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ sudo nano /opt/portainer/compose-portainer.ee.yml

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

yaml: line 3: did not find expected key

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

yaml: line 3: did not find expected key

glyph@nxcore:~$ sudo tee /opt/portainer/compose-portainer.ee.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks:

- traefik

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.http.routers.portainer.rule=Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

- traefik.http.routers.portainer.entrypoints=websecure

- traefik.http.services.portainer.loadbalancer.server.port=9000

- traefik.http.routers.portainer.priority=10

volumes:

portainer\_data:

networks:

traefik:

external: true

YAML

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

# confirm labels on the \*running\* container

docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq -r '.["traefik.http.routers.portainer.rule"], .["traefik.http.routers.portainer.entrypoints"]'

# check Traefik picked up the router

docker logs --since 2m traefik | egrep -i 'portainer@docker|router|rule|error' || true

# end-to-end test

curl -I https://nxcore.tail79107c.ts.net

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.3s

Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

websecure

2025-10-13T18:12:28Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:13:31Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:14:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:14:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 18:14:00 GMT

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq -r '.["traefik.http.routers.portainer.rule"], .["traefik.http.routers.portainer.entrypoints"]'

Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

websecure

glyph@nxcore:~$ sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Running 0.0s

glyph@nxcore:~$ docker inspect -f '{{json .Config.Labels}}' portainer-portainer-1 | jq -r '.["traefik.http.routers.portainer.rule"], .["traefik.http.routers.portainer.entrypoints"]'

Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

websecure

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer@docker|router|rule|error' || true

2025-10-13T18:13:31Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:14:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:14:00Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

2025-10-13T18:14:33Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-9e764d4da2e8e8bd060f1945301769a2df3427cf4d384840efa6b070bc1e7c9b providerName=docker

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 18:15:40 GMT

glyph@nxcore:~$ docker exec -it traefik sh -lc 'apk add --no-cache curl >/dev/null 2>&1 || true; \

echo "== by service name =="; curl -sI http://portainer:9000 | head -n1; \

echo "== by container name =="; curl -sI http://portainer-portainer-1:9000 | head -n1'

== by service name ==

HTTP/1.1 200 OK

== by container name ==

HTTP/1.1 200 OK

glyph@nxcore:~$ docker update --label-add traefik.enable=false n8n 2>/dev/null || true

docker stop n8n

n8n

glyph@nxcore:~$ sudo mkdir -p /opt/n8n

glyph@nxcore:~$ sudo tee /opt/n8n/docker-compose.yml >/dev/null <<'YAML'

> services:

n8n:

image: docker.n8n.io/n8nio/n8n:latest

container\_name: n8n

restart: unless-stopped

environment:

- N8N\_PROTOCOL=https

- N8N\_HOST=nxcore.tail79107c.ts.net

- N8N\_PORT=5678

- WEBHOOK\_URL=https://nxcore.tail79107c.ts.net/n8n/

volumes:

- ./data:/home/node/.n8n

networks:

- traefik

labels:

- traefik.enable=true

- traefik.http.routers.n8n.rule=Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`)

- traefik.http.routers.n8n.entrypoints=websecure

- traefik.http.services.n8n.loadbalancer.server.port=5678

- traefik.http.middlewares.n8n-strip.stripprefix.prefixes=/n8n

- traefik.http.routers.n8n.middlewares=n8n-strip@docker

networks:

traefik:

external: true

YAML

docker compose -f /opt/n8n/docker-compose.yml up -d

docker network connect traefik n8n 2>/dev/null || true

[+] Running 1/1

✔ Container n8n Started 0.3s

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer|n8n|router|error' || true

2025-10-13T18:17:12Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:14Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:17Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:20Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:24Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:28Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:17:34Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

glyph@nxcore:~$ docker exec traefik sh -lc 'sed -n "1,200p" /etc/traefik/tls.yml'

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

glyph@nxcore:~$ # overwrite with a known-good compose (keeps your volume)

sudo tee /opt/portainer/compose-portainer.ee.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks: [traefik]

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.docker.network=traefik

- traefik.http.routers.portainer.rule=Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

- traefik.http.routers.portainer.entrypoints=websecure

- traefik.http.routers.portainer.tls=true

- traefik.http.services.portainer.loadbalancer.server.port=9000

- traefik.http.routers.portainer.priority=10

volumes:

portainer\_data:

networks:

traefik:

external: true

YAML

sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.3s

glyph@nxcore:~$ docker logs --since 2m traefik | egrep -i 'portainer@docker|router|rule|error' || true

curl -I https://nxcore.tail79107c.ts.net

2025-10-13T18:20:23Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:21:25Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:21:39Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T18:21:39Z ERR error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

HTTP/2 200

accept-ranges: bytes

cache-control: max-age=31536000

content-security-policy: script-src 'self' cdn.matomo.cloud js.hsforms.net https://www.google.com/recaptcha/, https://www.gstatic.com/recaptcha/; object-src 'none'; frame-ancestors 'none'; frame-src https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/

content-type: text/html; charset=utf-8

date: Mon, 13 Oct 2025 18:21:50 GMT

last-modified: Thu, 25 Sep 2025 03:16:34 GMT

permissions-policy: accelerometer=(),ambient-light-sensor=(),attribution-reporting=(),autoplay=(),battery=(),browsing-topics=(),camera=(),captured-surface-control=(),ch-device-memory=(),ch-downlink=(),ch-dpr=(),ch-ect=(),ch-prefers-color-scheme=(),ch-prefers-reduced-motion=(),ch-prefers-reduced-transparency=(),ch-rtt=(),ch-save-data=(),ch-ua=(),ch-ua-arch=(),ch-ua-bitness=(),ch-ua-form-factors=(),ch-ua-full-version=(),ch-ua-full-version-list=(),ch-ua-mobile=(),ch-ua-model=(),ch-ua-platform=(),ch-ua-platform-version=(),ch-ua-wow64=(),ch-viewport-height=(),ch-viewport-width=(),ch-width=(),compute-pressure=(),conversion-measurement=(),cross-origin-isolated=(),deferred-fetch=(),deferred-fetch-minimal=(),display-capture=(),document-domain=(),encrypted-media=(),execution-while-not-rendered=(),execution-while-out-of-viewport=(),focus-without-user-activation=(),fullscreen=(),gamepad=(),geolocation=(),gyroscope=(),hid=(),identity-credentials-get=(),idle-detection=(),interest-cohort=(),join-ad-interest-group=(),keyboard-map=(),language-detector=(),local-fonts=(),magnetometer=(),microphone=(),midi=(),navigation-override=(),otp-credentials=(),payment=(),picture-in-picture=(),private-aggregation=(),private-state-token-issuance=(),private-state-token-redemption=(),publickey-credentials-create=(),publickey-credentials-get=(),rewriter=(),run-ad-auction=(),screen-wake-lock=(),serial=(),shared-storage=(),shared-storage-select-url=(),speaker-selection=(),storage-access=(),summarizer=(),sync-script=(),sync-xhr=(),translator=(),trust-token-redemption=(),unload=(),usb=(),vertical-scroll=(),web-share=(),window-management=(),window-placement=(),writer=(),xr-spatial-tracking=()

vary: Accept-Encoding

x-content-type-options: nosniff

x-csrf-token:

content-length: 13505

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net/portainer

HTTP/2 404

content-security-policy: script-src 'self' cdn.matomo.cloud js.hsforms.net https://www.google.com/recaptcha/, https://www.gstatic.com/recaptcha/; object-src 'none'; frame-ancestors 'none'; frame-src https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/

content-type: text/plain; charset=utf-8

date: Mon, 13 Oct 2025 18:23:45 GMT

vary: Accept-Encoding

x-content-type-options: nosniff

content-length: 19

glyph@nxcore:~$ # add flag to traefik compose command:

# - --log.level=DEBUG

sudo sed -i 's/^\(\s\*- --providers.file.filename=.\*\)$/\1\n - --log.level=DEBUG/' /opt/traefik/compose-traefik.yml

sudo docker compose -f /opt/traefik/compose-traefik.yml up -d

docker logs --since 1m traefik | egrep -i 'adding route|rule|router|portainer' || true

WARN[0000] /opt/traefik/compose-traefik.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container traefik Started 1.0s

glyph@nxcore:~$ sudo nano /opt/traefik/compose-traefik.yml

glyph@nxcore:~$ sudo docker compose -f /opt/traefik/compose-traefik.yml up -d

# List all routers (name + rule + entrypoint + service)

docker exec traefik sh -lc '

apk add --no-cache curl jq >/dev/null 2>&1 || true

curl -s http://127.0.0.1:8080/api/http/routers \

| jq -r ".[] | \"\nname: \(.name)\nrule: \(.rule)\nentryPoints: \(.entryPoints)\nservice: \(.service)\""

'

WARN[0000] /opt/traefik/compose-traefik.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container traefik Started 0.6s

name: api@internal

rule: PathPrefix(`/api`)

entryPoints: ["traefik"]

service: api@internal

name: dashboard@internal

rule: PathPrefix(`/`)

entryPoints: ["traefik"]

service: dashboard@internal

name: filebrowser@docker

rule: Host(`files.av`) || Host(`files.aerovista.local`)

entryPoints: ["web"]

service: filebrowser

name: portainer@docker

rule: Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`)

entryPoints: ["websecure"]

service: portainer

name: web-to-websecure@internal

rule: HostRegexp(`^.+$`)

entryPoints: ["web"]

service: noop@internal

glyph@nxcore:~$ docker exec traefik sh -lc '

curl -s http://127.0.0.1:8080/api/http/routers \

| jq -r ".[] | select(.name|test(\"portainer@docker\")) | \"FOUND -> name: \(.name) | rule: \(.rule) | prio: \(.priority) | ep: \(.entryPoints) | service: \(.service)\""

'

FOUND -> name: portainer@docker | rule: Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/`) | prio: 10 | ep: ["websecure"] | service: portainer

glyph@nxcore:~$ # Overwrite Portainer compose with path-prefix, strip, and a response header so we can "see" it

sudo tee /opt/portainer/compose-portainer.ee.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks: [traefik]

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.docker.network=traefik

# ROUTER: host + /portainer

- traefik.http.routers.portainer.rule=Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/portainer`)

- traefik.http.routers.portainer.entrypoints=websecure

- traefik.http.routers.portainer.tls=true

- traefik.http.routers.portainer.priority=2000

# SERVICE: Portainer listens on 9000 in-container

- traefik.http.services.portainer.loadbalancer.server.port=9000

# STRIP PREFIX

- traefik.http.middlewares.portainer-strip.stripprefix.prefixes=/portainer

- traefik.http.routers.portainer.middlewares=portainer-strip@docker,portainer-headers@docker

# Mark responses so we can verify which router handled it

- traefik.http.middlewares.portainer-headers.headers.customResponseHeaders.X-Routed-By=portainer@docker

volumes:

portainer\_data:

networks:

traefik:

external: true

YAML

sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.4s

glyph@nxcore:~$ docker exec traefik sh -lc '

curl -s http://127.0.0.1:8080/api/http/routers \

| jq -r ".[] | select(.name==\"portainer@docker\") | \"name: \(.name) | rule: \(.rule) | prio: \(.priority) | ep: \(.entryPoints) | service: \(.service)\""

'

name: portainer@docker | rule: Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/portainer`) | prio: 2000 | ep: ["websecure"] | service: portainer

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net/portainer

# expect 200/302 and a header: X-Routed-By: portainer@docker

HTTP/2 200

accept-ranges: bytes

cache-control: max-age=31536000

content-security-policy: script-src 'self' cdn.matomo.cloud js.hsforms.net https://www.google.com/recaptcha/, https://www.gstatic.com/recaptcha/; object-src 'none'; frame-ancestors 'none'; frame-src https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/

content-type: text/html; charset=utf-8

date: Mon, 13 Oct 2025 18:33:42 GMT

last-modified: Thu, 25 Sep 2025 03:16:34 GMT

permissions-policy: accelerometer=(),ambient-light-sensor=(),attribution-reporting=(),autoplay=(),battery=(),browsing-topics=(),camera=(),captured-surface-control=(),ch-device-memory=(),ch-downlink=(),ch-dpr=(),ch-ect=(),ch-prefers-color-scheme=(),ch-prefers-reduced-motion=(),ch-prefers-reduced-transparency=(),ch-rtt=(),ch-save-data=(),ch-ua=(),ch-ua-arch=(),ch-ua-bitness=(),ch-ua-form-factors=(),ch-ua-full-version=(),ch-ua-full-version-list=(),ch-ua-mobile=(),ch-ua-model=(),ch-ua-platform=(),ch-ua-platform-version=(),ch-ua-wow64=(),ch-viewport-height=(),ch-viewport-width=(),ch-width=(),compute-pressure=(),conversion-measurement=(),cross-origin-isolated=(),deferred-fetch=(),deferred-fetch-minimal=(),display-capture=(),document-domain=(),encrypted-media=(),execution-while-not-rendered=(),execution-while-out-of-viewport=(),focus-without-user-activation=(),fullscreen=(),gamepad=(),geolocation=(),gyroscope=(),hid=(),identity-credentials-get=(),idle-detection=(),interest-cohort=(),join-ad-interest-group=(),keyboard-map=(),language-detector=(),local-fonts=(),magnetometer=(),microphone=(),midi=(),navigation-override=(),otp-credentials=(),payment=(),picture-in-picture=(),private-aggregation=(),private-state-token-issuance=(),private-state-token-redemption=(),publickey-credentials-create=(),publickey-credentials-get=(),rewriter=(),run-ad-auction=(),screen-wake-lock=(),serial=(),shared-storage=(),shared-storage-select-url=(),speaker-selection=(),storage-access=(),summarizer=(),sync-script=(),sync-xhr=(),translator=(),trust-token-redemption=(),unload=(),usb=(),vertical-scroll=(),web-share=(),window-management=(),window-placement=(),writer=(),xr-spatial-tracking=()

vary: Accept-Encoding

x-content-type-options: nosniff

x-csrf-token:

x-routed-by: portainer@docker

content-length: 13505

glyph@nxcore:~$ # Add this flag once in Traefik's compose (under command:)

# - --accesslog=true

# Optional (nicer fields):

# - --accesslog.fields.defaultmode=keep

sudo docker compose -f /opt/traefik/compose-traefik.yml up -d

# Make two requests and then look at access logs:

curl -I https://nxcore.tail79107c.ts.net

curl -I https://nxcore.tail79107c.ts.net/portainer

docker logs --since 30s traefik | tail -n 100

WARN[0000] /opt/traefik/compose-traefik.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion

[+] Running 1/1

✔ Container traefik Running 0.0s

HTTP/2 404

content-type: text/plain; charset=utf-8

x-content-type-options: nosniff

content-length: 19

date: Mon, 13 Oct 2025 18:33:56 GMT

HTTP/2 200

accept-ranges: bytes

cache-control: max-age=31536000

content-security-policy: script-src 'self' cdn.matomo.cloud js.hsforms.net https://www.google.com/recaptcha/, https://www.gstatic.com/recaptcha/; object-src 'none'; frame-ancestors 'none'; frame-src https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/

content-type: text/html; charset=utf-8

date: Mon, 13 Oct 2025 18:33:56 GMT

last-modified: Thu, 25 Sep 2025 03:16:34 GMT

permissions-policy: accelerometer=(),ambient-light-sensor=(),attribution-reporting=(),autoplay=(),battery=(),browsing-topics=(),camera=(),captured-surface-control=(),ch-device-memory=(),ch-downlink=(),ch-dpr=(),ch-ect=(),ch-prefers-color-scheme=(),ch-prefers-reduced-motion=(),ch-prefers-reduced-transparency=(),ch-rtt=(),ch-save-data=(),ch-ua=(),ch-ua-arch=(),ch-ua-bitness=(),ch-ua-form-factors=(),ch-ua-full-version=(),ch-ua-full-version-list=(),ch-ua-mobile=(),ch-ua-model=(),ch-ua-platform=(),ch-ua-platform-version=(),ch-ua-wow64=(),ch-viewport-height=(),ch-viewport-width=(),ch-width=(),compute-pressure=(),conversion-measurement=(),cross-origin-isolated=(),deferred-fetch=(),deferred-fetch-minimal=(),display-capture=(),document-domain=(),encrypted-media=(),execution-while-not-rendered=(),execution-while-out-of-viewport=(),focus-without-user-activation=(),fullscreen=(),gamepad=(),geolocation=(),gyroscope=(),hid=(),identity-credentials-get=(),idle-detection=(),interest-cohort=(),join-ad-interest-group=(),keyboard-map=(),language-detector=(),local-fonts=(),magnetometer=(),microphone=(),midi=(),navigation-override=(),otp-credentials=(),payment=(),picture-in-picture=(),private-aggregation=(),private-state-token-issuance=(),private-state-token-redemption=(),publickey-credentials-create=(),publickey-credentials-get=(),rewriter=(),run-ad-auction=(),screen-wake-lock=(),serial=(),shared-storage=(),shared-storage-select-url=(),speaker-selection=(),storage-access=(),summarizer=(),sync-script=(),sync-xhr=(),translator=(),trust-token-redemption=(),unload=(),usb=(),vertical-scroll=(),web-share=(),window-management=(),window-placement=(),writer=(),xr-spatial-tracking=()

vary: Accept-Encoding

x-content-type-options: nosniff

x-csrf-token:

x-routed-by: portainer@docker

content-length: 13505

2025-10-13T18:33:42Z DBG github.com/traefik/traefik/v3/pkg/server/service/loadbalancer/wrr/wrr.go:175 > Service selected by WRR: http://172.22.0.3:9000

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/pdocker.go:111 > Provider event received {Status:start ID:e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e From:docker.n8n.io/n8nio/n8n:latest Type:container Action:start Actor:{ID:e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e Attributes:map[com.docker.compose.config-hash:cebb3df229222f10d0ca88a2474db42d365aa56870d56f580cd38abe20a86102 com.docker.compose.container-number:1 com.docker.compose.depends\_on: com.docker.compose.image:sha256:7da8522a831870a2816e3e1cba50b2487b88bcaf31862d78010708f5b18afb71 com.docker.compose.oneoff:False com.docker.compose.project:n8n com.docker.compose.project.config\_files:/opt/n8n/docker-compose.yml com.docker.compose.project.working\_dir:/opt/n8n com.docker.compose.replace:n8n com.docker.compose.service:n8n com.docker.compose.version:2.40.0 image:docker.n8n.io/n8nio/n8n:latest name:n8n org.opencontainers.image.description:Workflow Automation Tool org.opencontainers.image.source:https://github.com/n8n-io/n8n org.opencontainers.image.title:n8n org.opencontainers.image.url:https://n8n.io org.opencontainers.image.version:1.114.4 traefik.enable:true traefik.http.middlewares.n8n-strip.stripprefix.prefixes:/n8n traefik.http.routers.n8n.entrypoints:websecure traefik.http.routers.n8n.middlewares:n8n-strip@docker traefik.http.routers.n8n.rule:Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`) traefik.http.services.n8n.loadbalancer.server.port:5678]} Scope:local Time:1760380434 TimeNano:1760380434240569702} providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/config.go:185 > Filtering disabled container container=traefik-traefik-5a9e32265b7c240f7c84bb2ca3cf2e0a6d8bcd73c1e9045dc611ff784c0e7578 providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/config.go:185 > Filtering disabled container container=node-exporter-44cab8caec02dbe258d888b61d65afd2edf39ae7c171632df45e5c5b8dc15122 providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/config.go:185 > Filtering disabled container container=watchtower-32de6747ac87bfc288422351b159d155db9f8100b9b000eadb7cee41bc9ea5b7 providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/config.go:185 > Filtering disabled container container=aerocaller-core-d933c708a8028efa79c18edea54225377f389c7f06243084adfbc1dd109b0f42 providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/provider/docker/config.go:185 > Filtering disabled container container=coturn-coturn-dd96b96c35252d36de48f783be0439dff39501c83baff5015029eedc92163950 providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"n8n-strip":{"stripPrefix":{"prefixes":["/n8n"]}},"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}},"portainer-strip":{"stripPrefix":{"prefixes":["/portainer"]}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"n8n":{"entryPoints":["websecure"],"middlewares":["n8n-strip@docker"],"rule":"Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`)","service":"n8n"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-strip@docker","portainer-headers@docker"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/portainer`)","service":"portainer","tls":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"n8n":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.4:5678"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:128 > No store is defined to add the certificate MIIDnDCCAyKgAwIBAgISBsGZuxVMwlqNyh0HQpA+8vC3MAoGCC, it will be added to the default store

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/tls/certificate\_store.go:226 > Adding certificate for domain(s) nxcore.tail79107c.ts.net

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/redirect/redirect\_scheme.go:29 > Creating middleware entryPointName=web middlewareName=redirect-web-to-websecure@internal middlewareType=RedirectScheme routerName=web-to-websecure@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/redirect/redirect\_scheme.go:30 > Setting up redirection to https 443 entryPointName=web middlewareName=redirect-web-to-websecure@internal middlewareType=RedirectScheme routerName=web-to-websecure@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=web middlewareName=tracing middlewareType=TracingRouter routerName=web-to-websecure@internal serviceName=noop@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=SemConvServerMetrics routerName=web-to-websecure@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=TracingEntryPoint routerName=web-to-websecure@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:319 > Creating load-balancer entryPointName=web routerName=filebrowser@docker serviceName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:362 > Creating server URL=http://172.21.0.3:80 entryPointName=web routerName=filebrowser@docker serverIndex=0 serviceName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/service.go:26 > Added outgoing tracing middleware entryPointName=web middlewareName=tracing middlewareType=TracingService routerName=filebrowser@docker serviceName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/ipallowlist/ip\_allowlist.go:32 > Creating middleware entryPointName=web middlewareName=tailnet-only@file middlewareType=IPAllowLister routerName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/ipallowlist/ip\_allowlist.go:56 > Setting up IPAllowLister with sourceRange: [100.64.0.0/10] entryPointName=web middlewareName=tailnet-only@file middlewareType=IPAllowLister routerName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=web middlewareName=tailnet-only@file routerName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=web middlewareName=tracing middlewareType=TracingRouter routerName=filebrowser@docker serviceName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=SemConvServerMetrics routerName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=TracingEntryPoint routerName=filebrowser@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/recovery/recovery.go:25 > Creating middleware entryPointName=web middlewareName=traefik-internal-recovery middlewareType=Recovery

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingRouter routerName=api@internal serviceName=api@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=SemConvServerMetrics routerName=api@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingEntryPoint routerName=api@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/stripprefix/strip\_prefix.go:31 > Creating middleware entryPointName=traefik middlewareName=dashboard\_stripprefix@internal middlewareType=StripPrefix routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=traefik middlewareName=dashboard\_stripprefix@internal routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/redirect/redirect\_regex.go:17 > Creating middleware entryPointName=traefik middlewareName=dashboard\_redirect@internal middlewareType=RedirectRegex routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/redirect/redirect\_regex.go:18 > Setting up redirection from ^(http:\/\/(\[[\w:.]+\]|[\w\.\_-]+)(:\d+)?)\/$ to ${1}/dashboard/ entryPointName=traefik middlewareName=dashboard\_redirect@internal middlewareType=RedirectRegex routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=traefik middlewareName=dashboard\_redirect@internal routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingRouter routerName=dashboard@internal serviceName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=SemConvServerMetrics routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingEntryPoint routerName=dashboard@internal

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/recovery/recovery.go:25 > Creating middleware entryPointName=traefik middlewareName=traefik-internal-recovery middlewareType=Recovery

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:319 > Creating load-balancer entryPointName=websecure routerName=n8n@docker serviceName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:362 > Creating server URL=http://172.22.0.4:5678 entryPointName=websecure routerName=n8n@docker serverIndex=0 serviceName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/service.go:26 > Added outgoing tracing middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingService routerName=n8n@docker serviceName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/stripprefix/strip\_prefix.go:31 > Creating middleware entryPointName=websecure middlewareName=n8n-strip@docker middlewareType=StripPrefix routerName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=websecure middlewareName=n8n-strip@docker routerName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingRouter routerName=n8n@docker serviceName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=SemConvServerMetrics routerName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingEntryPoint routerName=n8n@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/recovery/recovery.go:25 > Creating middleware entryPointName=websecure middlewareName=traefik-internal-recovery middlewareType=Recovery

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:319 > Creating load-balancer entryPointName=websecure routerName=portainer@docker serviceName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/service/service.go:362 > Creating server URL=http://172.22.0.3:9000 entryPointName=websecure routerName=portainer@docker serverIndex=0 serviceName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/service.go:26 > Added outgoing tracing middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingService routerName=portainer@docker serviceName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/headers/headers.go:26 > Creating middleware entryPointName=websecure middlewareName=portainer-headers@docker middlewareType=Headers routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/headers/headers.go:46 > Setting up customHeaders/Cors from {map[] map[X-Routed-By:portainer@docker] false [] [] [] [] [] 0 false [] [] map[] 0 false false false false false false false <nil> <nil> <nil> <nil> <nil>} entryPointName=websecure middlewareName=portainer-headers@docker middlewareType=Headers routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=websecure middlewareName=portainer-headers@docker routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/stripprefix/strip\_prefix.go:31 > Creating middleware entryPointName=websecure middlewareName=portainer-strip@docker middlewareType=StripPrefix routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/middleware.go:33 > Adding tracing to middleware entryPointName=websecure middlewareName=portainer-strip@docker routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/router.go:37 > Added outgoing tracing middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingRouter routerName=portainer@docker serviceName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=SemConvServerMetrics routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=websecure middlewareName=tracing middlewareType=TracingEntryPoint routerName=portainer@docker

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/recovery/recovery.go:25 > Creating middleware entryPointName=websecure middlewareName=traefik-internal-recovery middlewareType=Recovery

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=web middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/semconv.go:40 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=SemConvServerMetrics

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/middlewares/observability/entrypoint.go:37 > Creating middleware entryPointName=traefik middlewareName=tracing middlewareType=TracingEntryPoint

2025-10-13T18:33:54Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T18:33:56Z DBG github.com/traefik/traefik/v3/pkg/server/service/loadbalancer/wrr/wrr.go:175 > Service selected by WRR: http://172.22.0.3:9000

glyph@nxcore:~$ sudo tee -a /etc/traefik/tls.yml >/dev/null <<'YAML'

http:

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints: [websecure]

service: noop@internal

middlewares: [to-portainer]

middlewares:

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

YAML

docker restart traefik

traefik

glyph@nxcore:~$ # Replace Portainer compose with a dual-router setup

sudo tee /opt/portainer/compose-portainer.ee.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks: [traefik]

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.docker.network=traefik

# UI entry (user lands here)

- traefik.http.routers.portainer-ui.rule=Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/portainer`)

- traefik.http.routers.portainer-ui.entrypoints=websecure

- traefik.http.routers.portainer-ui.tls=true

- traefik.http.routers.portainer-ui.priority=2000

- traefik.http.middlewares.portainer-strip.stripprefix.prefixes=/portainer

- traefik.http.routers.portainer-ui.middlewares=portainer-strip@docker,tailnet-only@file

- traefik.http.services.portainer.loadbalancer.server.port=9000

# Assets + API (root paths used by the UI)

- traefik.http.routers.portainer-assets.rule=Host(`nxcore.tail79107c.ts.net`) && (PathPrefix(`/api`) || PathPrefix(`/docker`) || PathPrefix(`/vendor`) || PathPrefix(`/main`) || PathPrefix(`/runtime`) || PathPrefix(`/assets`) || Path(`/favicon.ico`) || Path(`/robots.txt`) || Path(`/asset-manifest.json`))

- traefik.http.routers.portainer-assets.entrypoints=websecure

- traefik.http.routers.portainer-assets.tls=true

- traefik.http.routers.portainer-assets.priority=1900

- traefik.http.routers.portainer-assets.middlewares=tailnet-only@file

# uses same service: portainer (no StripPrefix)

volumes:

portainer\_data:

networks:

traefik:

external: true

YAML

sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.3s

glyph@nxcore:~$ # API should work now

curl -I https://nxcore.tail79107c.ts.net/api/status

# UI entry still at /portainer, assets should load (no 404, no text/plain)

curl -I https://nxcore.tail79107c.ts.net/portainer

curl: (60) SSL certificate problem: self-signed certificate

More details here: https://curl.se/docs/sslcerts.html

curl failed to verify the legitimacy of the server and therefore could not

establish a secure connection to it. To learn more about this situation and

how to fix it, please visit the web page mentioned above.

curl: (60) SSL certificate problem: self-signed certificate

More details here: https://curl.se/docs/sslcerts.html

curl failed to verify the legitimacy of the server and therefore could not

establish a secure connection to it. To learn more about this situation and

how to fix it, please visit the web page mentioned above.

glyph@nxcore:~$ - traefik.http.routers.portainer-ui.rule=Host(`nxcore.tail79107c.ts.net`)

# (remove StripPrefix and the /portainer path)

-bash: syntax error near unexpected token `('

glyph@nxcore:~$ sudo nano /opt/traefik/compose-traefik.yml

glyph@nxcore:~$ openssl s\_client -connect nxcore.tail79107c.ts.net:443 -servername nxcore.tail79107c.ts.net -showcerts </dev/null 2>/dev/null | openssl x509 -noout -subject -issuer

subject=CN = TRAEFIK DEFAULT CERT

issuer=CN = TRAEFIK DEFAULT CERT

glyph@nxcore:~$ # Traefik must have this flag:

docker inspect traefik --format '{{json .Config.Cmd}}' | jq -r '.[]' | egrep -i 'providers\.file|tls\.yml'

# Also confirm the file is present INSIDE the container and has the expected paths:

docker exec traefik sh -lc 'ls -l /etc/traefik/tls.yml /etc/traefik/tailscale/nxcore.crt /etc/traefik/tailscale/nxcore.key; echo; sed -n "1,120p" /etc/traefik/tls.yml'

--providers.file.filename=/etc/traefik/tls.yml

-rw-r--r-- 1 root root 2880 Oct 13 15:54 /etc/traefik/tailscale/nxcore.crt

-rw------- 1 root root 227 Oct 13 15:54 /etc/traefik/tailscale/nxcore.key

-rw-r--r-- 1 root root 598 Oct 13 18:37 /etc/traefik/tls.yml

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

http:

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints: [websecure]

service: noop@internal

middlewares: [to-portainer]

middlewares:

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

glyph@nxcore:~$ docker inspect traefik --format '{{json .Config.Cmd}}' | jq -r '.[]' | egrep -i 'providers\.file|tls\.yml'

--providers.file.filename=/etc/traefik/tls.yml

glyph@nxcore:~$ docker exec traefik sh -lc 'ls -l /etc/traefik/tls.yml /etc/traefik/tailscale/nxcore.crt /etc/traefik/tailscale/nxcore.key; echo; sed -n "1,120p" /etc/traefik/tls.yml'

-rw-r--r-- 1 root root 2880 Oct 13 15:54 /etc/traefik/tailscale/nxcore.crt

-rw------- 1 root root 227 Oct 13 15:54 /etc/traefik/tailscale/nxcore.key

-rw-r--r-- 1 root root 598 Oct 13 18:37 /etc/traefik/tls.yml

tls:

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10 # Tailscale CGNAT range

http:

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints: [websecure]

service: noop@internal

middlewares: [to-portainer]

middlewares:

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

glyph@nxcore:~$ ls /etc/ssl/certs/\*Let\*s\*Encrypt\*R3\*.pem 2>/dev/null || ls /etc/ssl/certs/\*ISRG\*X1\*.pem 2>/dev/null

/etc/ssl/certs/ISRG\_Root\_X1.pem

glyph@nxcore:~$ sudo sh -lc 'cat /etc/traefik/tailscale/nxcore.crt /etc/ssl/certs/lets-encrypt-r3.pem > /etc/traefik/tailscale/nxcore.fullchain.crt'

[sudo] password for glyph:

cat: /etc/ssl/certs/lets-encrypt-r3.pem: No such file or directory

glyph@nxcore:~$ sudo tee /opt/portainer/compose-portainer.ee.yml >/dev/null <<'YAML'

services:

portainer:

image: portainer/portainer-ee:lts

command: -H unix:///var/run/docker.sock

restart: always

networks: [traefik]

volumes:

- /var/run/docker.sock:/var/run/docker.sock

- portainer\_data:/data

labels:

- traefik.enable=true

- traefik.docker.network=traefik

# root of this host

- traefik.http.routers.portainer.rule=Host(`nxcore.tail79107c.ts.net`)

- traefik.http.routers.portainer.entrypoints=websecure

- traefik.http.routers.portainer.tls=true

- traefik.http.routers.portainer.priority=2000

# Portainer listens on 9000

- traefik.http.services.portainer.loadbalancer.server.port=9000

# keep the marker header (handy)

- traefik.http.middlewares.portainer-headers.headers.customResponseHeaders.X-Routed-By=portainer@docker

- traefik.http.routers.portainer.middlewares=portainer-headers@docker,tailnet-only@file

volumes:

portainer\_data:

networks:

traefik:

external: true

YAML

sudo docker compose -f /opt/portainer/compose-portainer.ee.yml up -d

[+] Running 1/1

✔ Container portainer-portainer-1 Started 0.4s

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net

# expect 200/302 and ideally: X-Routed-By: portainer@docker

curl: (60) SSL certificate problem: self-signed certificate

More details here: https://curl.se/docs/sslcerts.html

curl failed to verify the legitimacy of the server and therefore could not

establish a secure connection to it. To learn more about this situation and

how to fix it, please visit the web page mentioned above.

glyph@nxcore:~$ # Check CN/SANs and whether the file already includes intermediates

sudo openssl x509 -in /etc/traefik/tailscale/nxcore.crt -noout -subject -issuer -text | sed -n '1,80p'

subject=CN = nxcore.tail79107c.ts.net

issuer=C = US, O = Let's Encrypt, CN = E7

Certificate:

Data:

Version: 3 (0x2)

Serial Number:

06:c1:99:bb:15:4c:c2:5a:8d:ca:1d:07:42:90:3e:f2:f0:b7

Signature Algorithm: ecdsa-with-SHA384

Issuer: C = US, O = Let's Encrypt, CN = E7

Validity

Not Before: Oct 12 02:56:58 2025 GMT

Not After : Jan 10 02:56:57 2026 GMT

Subject: CN = nxcore.tail79107c.ts.net

Subject Public Key Info:

Public Key Algorithm: id-ecPublicKey

Public-Key: (256 bit)

pub:

04:43:89:bc:ac:dd:de:a7:76:62:d2:e0:ee:1e:e4:

5d:64:d5:8e:f4:1b:4e:51:ba:36:4e:a2:79:70:48:

b6:b9:7f:45:14:a1:4d:90:a2:9d:9c:4e:80:3b:49:

ce:9a:61:74:6b:e2:38:ae:9d:9d:35:be:ac:34:5f:

a7:7d:82:23:eb

ASN1 OID: prime256v1

NIST CURVE: P-256

X509v3 extensions:

X509v3 Key Usage: critical

Digital Signature

X509v3 Extended Key Usage:

TLS Web Server Authentication, TLS Web Client Authentication

X509v3 Basic Constraints: critical

CA:FALSE

X509v3 Subject Key Identifier:

B1:9F:5E:42:92:EE:35:2A:7F:28:90:C7:17:79:81:E2:49:70:18:29

X509v3 Authority Key Identifier:

AE:48:9E:DC:87:1D:44:A0:6F:DA:A2:E5:60:74:04:78:C2:9C:00:80

Authority Information Access:

CA Issuers - URI:http://e7.i.lencr.org/

X509v3 Subject Alternative Name:

DNS:nxcore.tail79107c.ts.net

X509v3 Certificate Policies:

Policy: 2.23.140.1.2.1

X509v3 CRL Distribution Points:

Full Name:

URI:http://e7.c.lencr.org/56.crl

CT Precertificate SCTs:

Signed Certificate Timestamp:

Version : v1 (0x0)

Log ID : 19:86:D4:C7:28:AA:6F:FE:BA:03:6F:78:2A:4D:01:91:

AA:CE:2D:72:31:0F:AE:CE:5D:70:41:2D:25:4C:C7:D4

Timestamp : Oct 12 03:55:28.181 2025 GMT

Extensions: none

Signature : ecdsa-with-SHA256

30:45:02:21:00:88:F6:7A:C4:2F:BF:E5:F0:14:37:79:

EB:F3:ED:73:5C:CD:DC:E3:12:16:35:2B:3C:08:90:BD:

97:98:03:A6:35:02:20:4B:1A:0B:D5:15:9F:B6:D7:B0:

3B:22:EB:90:2B:A7:C3:7E:8F:D6:66:F4:A5:28:D1:07:

47:41:C8:2A:9F:95:5C

Signed Certificate Timestamp:

Version : v1 (0x0)

Log ID : 0E:57:94:BC:F3:AE:A9:3E:33:1B:2C:99:07:B3:F7:90:

DF:9B:C2:3D:71:32:25:DD:21:A9:25:AC:61:C5:4E:21

Timestamp : Oct 12 03:55:28.181 2025 GMT

Extensions: none

Signature : ecdsa-with-SHA256

30:44:02:20:25:73:30:A0:20:2C:6B:D2:18:BA:09:AB:

18:5C:6B:77:38:D0:80:8F:D2:BB:A3:18:6B:40:BE:16:

91:71:0C:52:02:20:2A:6E:3D:BE:8F:29:71:59:FE:C7:

F6:ED:16:CB:5D:53:02:5B:FA:22:40:90:40:E7:57:B1:

23:A7:E8:A7:58:8D

Signature Algorithm: ecdsa-with-SHA384

Signature Value:

30:65:02:30:23:1d:99:d3:61:3c:ea:ce:f5:24:25:94:57:03:

3c:2d:2d:b3:94:47:7d:49:06:23:eb:d9:b5:00:0d:c6:82:8e:

fa:9f:4e:78:c5:88:37:2f:f6:8f:3e:60:6a:d9:5b:a0:02:31:

00:c5:a1:80:68:4b:44:fd:bd:95:cb:7a:be:d9:2a:d3:60:d1:

32:c7:e4:a8:1c:81:9e:72:7b:55:2a:63:4a:34:89:c2:03:89:

c8:de:f2:f5:6e:06:d7:e5:4c:ed:42:ab:9a

glyph@nxcore:~$ # Back up the current file

sudo cp /etc/traefik/tls.yml /etc/traefik/tls.yml.bak

# Write a clean dynamic config: one tls: and one http:

sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

stores:

default:

defaultCertificate:

certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange: [100.64.0.0/10]

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints: [websecure]

service: noop@internal

middlewares: [to-portainer]

middlewares:

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

YAML

# Reload Traefik

docker restart traefik

# You should see "Adding certificate for domain(s) ..." in logs:

docker logs --since 30s traefik | egrep -i 'certificate|tls|error' || true

# Now confirm the served cert is no longer the default

openssl s\_client -connect nxcore.tail79107c.ts.net:443 -servername nxcore.tail79107c.ts.net -showcerts </dev/null 2>/dev/null | openssl x509 -noout -subject -issuer

traefik

2025-10-13T19:14:06Z ERR github.com/traefik/traefik/v3/pkg/provider/file/file.go:144 > Error occurred during watcher callback error="yaml: unmarshal errors:\n line 22: mapping key \"middlewares\" already defined at line 12" providerName=file

Could not read certificate from <stdin>

403729BF117E0000:error:1608010C:STORE routines:ossl\_store\_handle\_load\_result:unsupported:../crypto/store/store\_result.c:151:

Unable to load certificate

glyph@nxcore:~$ docker logs --since 30s traefik | egrep -i 'certificate|tls|error' || true

2025-10-13T19:14:07Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:07Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:07Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:14:07Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:14:07Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"n8n-strip":{"stripPrefix":{"prefixes":["/n8n"]}},"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"n8n":{"entryPoints":["websecure"],"middlewares":["n8n-strip@docker"],"rule":"Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`)","service":"n8n"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tls":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"n8n":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.4:5678"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:35Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:14:35Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

glyph@nxcore:~$ sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

stores:

default:

defaultCertificate:

certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange: [100.64.0.0/10]

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints: [websecure]

service: noop@internal

middlewares: [to-portainer]

middlewares:

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

YAML

# Reload Traefik

docker restart traefik

traefik

glyph@nxcore:~$ docker logs --since 30s traefik | egrep -i 'certificate|tls|error' || true

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"n8n-strip":{"stripPrefix":{"prefixes":["/n8n"]}},"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"n8n":{"entryPoints":["websecure"],"middlewares":["n8n-strip@docker"],"rule":"Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`)","service":"n8n"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tls":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"n8n":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.4:5678"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:35Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:14:35Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:14:35Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T19:14:37Z ERR github.com/traefik/traefik/v3/pkg/provider/docker/config.go:82 > error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T19:14:37Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tl":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:14:37Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:37Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:14:37Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:14:37Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T19:14:57Z ERR github.com/traefik/traefik/v3/pkg/provider/file/file.go:144 > Error occurred during watcher callback error="yaml: unmarshal errors:\n line 22: mapping key \"middlewares\" already defined at line 12" providerName=file

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/cmd/traefik/traefik.go:114 > Static configuration loaded [json] staticConfiguration={"api":{"basePath":"/","dashboard":true,"insecure":true},"entryPoints":{"traefik":{"address":":8080","forwardedHeaders":{},"http":{"maxHeaderBytes":1048576,"sanitizePath":true},"http2":{"maxConcurrentStreams":250},"transport":{"lifeCycle":{"graceTimeOut":"10s"},"respondingTimeouts":{"idleTimeout":"3m0s","readTimeout":"1m0s"}},"udp":{"timeout":"3s"}},"web":{"address":":80","forwardedHeaders":{},"http":{"maxHeaderBytes":1048576,"redirections":{"entryPoint":{"permanent":true,"priority":9223372036854775806,"scheme":"https","to":"websecure"}},"sanitizePath":true},"http2":{"maxConcurrentStreams":250},"transport":{"lifeCycle":{"graceTimeOut":"10s"},"respondingTimeouts":{"idleTimeout":"3m0s","readTimeout":"1m0s"}},"udp":{"timeout":"3s"}},"websecure":{"address":":443","forwardedHeaders":{},"http":{"maxHeaderBytes":1048576,"sanitizePath":true},"http2":{"maxConcurrentStreams":250},"transport":{"lifeCycle":{"graceTimeOut":"10s"},"respondingTimeouts":{"idleTimeout":"3m0s","readTimeout":"1m0s"}},"udp":{"timeout":"3s"}}},"global":{"checkNewVersion":true},"log":{"format":"common","level":"DEBUG"},"providers":{"docker":{"defaultRule":"Host(`{{ normalize .Name }}`)","endpoint":"unix:///var/run/docker.sock","watch":true},"file":{"filename":"/etc/traefik/tls.yml","watch":true},"providersThrottleDuration":"2s"},"serversTransport":{"maxIdleConnsPerHost":200},"tcpServersTransport":{"dialKeepAlive":"15s","dialTimeout":"30s"}}

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/provider/aggregator/aggregator.go:207 > \*file.Provider provider configuration config={"filename":"/etc/traefik/tls.yml","watch":true}

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/provider/file/file.go:122 > add watcher on: /etc/traefik/tls.yml

2025-10-13T19:14:58Z ERR github.com/traefik/traefik/v3/pkg/provider/file/file.go:105 > Error while building configuration (for the first time) error="yaml: unmarshal errors:\n line 22: mapping key \"middlewares\" already defined at line 12" providerName=file

2025-10-13T19:14:58Z INF github.com/traefik/traefik/v3/pkg/provider/aggregator/aggregator.go:206 > Starting provider \*acme.ChallengeTLSALPN

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/provider/aggregator/aggregator.go:207 > \*acme.ChallengeTLSALPN provider configuration config={}

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"dashboard\_redirect":{"redirectRegex":{"permanent":true,"regex":"^(http:\\/\\/(\\[[\\w:.]+\\]|[\\w\\.\_-]+)(:\\d+)?)\\/$","replacement":"${1}/dashboard/"}},"dashboard\_stripprefix":{"stripPrefix":{"prefixes":["/dashboard/","/dashboard"]}},"redirect-web-to-websecure":{"redirectScheme":{"permanent":true,"port":"443","scheme":"https"}}},"routers":{"api":{"entryPoints":["traefik"],"priority":9223372036854775806,"rule":"PathPrefix(`/api`)","ruleSyntax":"default","service":"api@internal"},"dashboard":{"entryPoints":["traefik"],"middlewares":["dashboard\_redirect@internal","dashboard\_stripprefix@internal"],"priority":9223372036854775805,"rule":"PathPrefix(`/`)","ruleSyntax":"default","service":"dashboard@internal"},"web-to-websecure":{"entryPoints":["web"],"middlewares":["redirect-web-to-websecure"],"priority":9223372036854775806,"rule":"HostRegexp(`^.+$`)","ruleSyntax":"default","service":"noop@internal"}},"serversTransports":{"default":{"maxIdleConnsPerHost":200}},"services":{"api":{},"dashboard":{},"noop":{}}},"tcp":{"serversTransports":{"default":{"dialKeepAlive":"15s","dialTimeout":"30s"}}},"tls":{},"udp":{}} providerName=internal

2025-10-13T19:14:58Z ERR github.com/traefik/traefik/v3/pkg/provider/docker/config.go:82 > error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tl":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:14:58Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:14:58Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:14:58Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

glyph@nxcore:~$ openssl s\_client -connect nxcore.tail79107c.ts.net:443 -servername nxcore.tail79107c.ts.net -showcerts </dev/null 2>/dev/null | openssl x509 -noout -subject -issuer

subject=CN = TRAEFIK DEFAULT CERT

issuer=CN = TRAEFIK DEFAULT CERT

glyph@nxcore:~$ # backup

sudo cp /etc/traefik/tls.yml /etc/traefik/tls.yml.bak

# write a clean config (one tls:, one http:)

sudo tee /etc/traefik/tls.yml >/dev/null <<'YAML'

tls:

stores:

default:

defaultCertificate:

certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

certificates:

- certFile: /etc/traefik/tailscale/nxcore.crt

keyFile: /etc/traefik/tailscale/nxcore.key

http:

middlewares:

tailnet-only:

ipAllowList:

sourceRange:

- 100.64.0.0/10

to-portainer:

redirectRegex:

regex: ^https?://([^/]+)/?$

replacement: https://$1/portainer

permanent: true

routers:

root-redirect:

rule: Host(`nxcore.tail79107c.ts.net`) && Path(`/`)

entryPoints:

- websecure

service: noop@internal

middlewares:

- to-portainer

YAML

# reload traefik

docker restart traefik

# confirm file provider loads without YAML errors and that cert is added

docker logs --since 30s traefik | egrep -i 'file provider|loaded|certificate|tls|error' || true

# verify the served certificate (should NOT be TRAEFIK DEFAULT CERT)

openssl s\_client -connect nxcore.tail79107c.ts.net:443 -servername nxcore.tail79107c.ts.net -showcerts </dev/null 2>/dev/null | openssl x509 -noout -subject -issuer

traefik

2025-10-13T19:18:45Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"n8n-strip":{"stripPrefix":{"prefixes":["/n8n"]}},"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"n8n":{"entryPoints":["websecure"],"middlewares":["n8n-strip@docker"],"rule":"Host(`nxcore.tail79107c.ts.net`) && PathPrefix(`/n8n`)","service":"n8n"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tls":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"n8n":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.4:5678"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:18:45Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:18:45Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:18:45Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:18:45Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T19:18:47Z ERR github.com/traefik/traefik/v3/pkg/provider/docker/config.go:82 > error="service \"n8n\" error: unable to find the IP address for the container \"/n8n\": the server is ignored" container=n8n-n8n-e029fa8a11d60ea8048ec75f05a67e66fa4d367d05540db7fae8e795781fac5e providerName=docker

2025-10-13T19:18:47Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"portainer-headers":{"headers":{"customResponseHeaders":{"X-Routed-By":"portainer@docker"}}}},"routers":{"filebrowser":{"entryPoints":["web"],"middlewares":["tailnet-only@file"],"rule":"Host(`files.av`) || Host(`files.aerovista.local`)","service":"filebrowser"},"portainer":{"entryPoints":["websecure"],"middlewares":["portainer-headers@docker","tailnet-only@file"],"priority":2000,"rule":"Host(`nxcore.tail79107c.ts.net`)","service":"portainer","tl":{}}},"services":{"filebrowser":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.21.0.3:80"}],"strategy":"wrr"}},"portainer":{"loadBalancer":{"passHostHeader":true,"responseForwarding":{"flushInterval":"100ms"},"servers":[{"url":"http://172.22.0.3:9000"}],"strategy":"wrr"}}}},"tcp":{},"tls":{},"udp":{}} providerName=docker

2025-10-13T19:18:48Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:386 > No default certificate, fallback to the internal generated certificate tlsStoreName=default

2025-10-13T19:18:48Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=web routerName=filebrowser@docker

2025-10-13T19:18:48Z ERR github.com/traefik/traefik/v3/pkg/server/router/router.go:155 > error="middleware \"tailnet-only@file\" does not exist" entryPointName=websecure routerName=portainer@docker

2025-10-13T19:18:48Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

2025-10-13T19:19:12Z DBG github.com/traefik/traefik/v3/pkg/server/configurationwatcher.go:227 > Configuration received config={"http":{"middlewares":{"tailnet-only":{"ipAllowList":{"sourceRange":["100.64.0.0/10"]}},"to-portainer":{"redirectRegex":{"permanent":true,"regex":"^https?://([^/]+)/?$","replacement":"https://$1/portainer"}}},"routers":{"root-redirect":{"entryPoints":["websecure"],"middlewares":["to-portainer"],"rule":"Host(`nxcore.tail79107c.ts.net`) && Path(`/`)","service":"noop@internal"}}},"tcp":{},"tls":{"stores":{"default":{}}},"udp":{}} providerName=file

2025-10-13T19:19:12Z DBG github.com/traefik/traefik/v3/pkg/tls/tlsmanager.go:128 > No store is defined to add the certificate MIIDnDCCAyKgAwIBAgISBsGZuxVMwlqNyh0HQpA+8vC3MAoGCC, it will be added to the default store

2025-10-13T19:19:12Z DBG github.com/traefik/traefik/v3/pkg/tls/certificate\_store.go:226 > Adding certificate for domain(s) nxcore.tail79107c.ts.net

2025-10-13T19:19:12Z DBG github.com/traefik/traefik/v3/pkg/server/router/tcp/manager.go:237 > Adding route for nxcore.tail79107c.ts.net with TLS options default entryPointName=websecure

subject=CN = nxcore.tail79107c.ts.net

issuer=C = US, O = Let's Encrypt, CN = E7

glyph@nxcore:~$ curl -I https://nxcore.tail79107c.ts.net/portainer

curl -I https://nxcore.tail79107c.ts.net

HTTP/2 404

content-security-policy: script-src 'self' cdn.matomo.cloud js.hsforms.net https://www.google.com/recaptcha/, https://www.gstatic.com/recaptcha/; object-src 'none'; frame-ancestors 'none'; frame-src https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/

content-type: text/plain; charset=utf-8

date: Mon, 13 Oct 2025 19:19:52 GMT

vary: Accept-Encoding

x-content-type-options: nosniff

x-routed-by: portainer@docker

content-length: 19

HTTP/2 307

content-type: text/html; charset=utf-8

date: Mon, 13 Oct 2025 19:19:52 GMT

location: /timeout.html

x-routed-by: portainer@docker

glyph@nxcore:~$