

Tire Prints que demonstrem a realização das várias alíneas abaixo.
O formato final do ficheiro final a entregar terá de ser em



1. Crie outra Zona de Pesquisa direta/Forward lookup Zone, com as seguintes características:

- Zona Primaria **não pode estar** Armazenada no active directory

The screenshot shows the 'New Zone Wizard' window, specifically the 'Zone Type' step. The title bar says 'New Zone Wizard'. Below the title, it says 'Zone Type' and 'The DNS server supports various types of zones and storage.' The main area contains the text 'Select the type of zone you want to create:' followed by three radio button options: 'Primary zone' (selected), 'Secondary zone', and 'Stub zone'. Each option has a description. At the bottom, there is a checkbox 'Store the zone in Active Directory (available only if DNS server is a writeable domain controller)' which is unchecked. Navigation buttons '< Back', 'Next >', and 'Cancel' are at the bottom right.

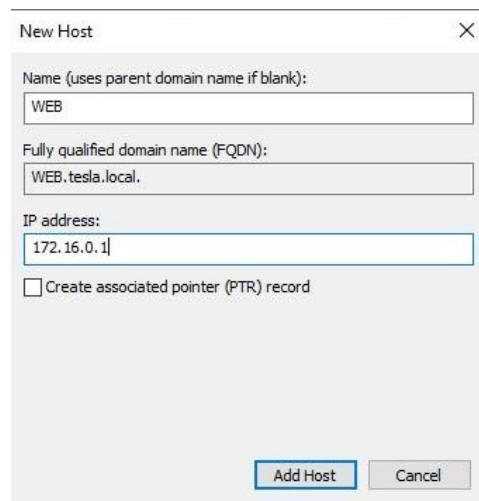
- Nome da Zona tesla.local

The screenshot shows the 'New Zone Wizard' window, specifically the 'Zone Name' step. The title bar says 'New Zone Wizard'. Below the title, it says 'Zone Name' and 'What is the name of the new zone?'. The main area contains explanatory text about the zone name. Below the text is a text box labeled 'Zone name:' containing the text 'tesla.local'. Navigation buttons '< Back', 'Next >', and 'Cancel' are at the bottom right.

- Não Permitir actualizações dinâmicas

The screenshot shows the 'New Zone Wizard' window, specifically the 'Dynamic Update' step. The title bar says 'New Zone Wizard'. Below the title, it says 'Dynamic Update' and 'You can specify that this DNS zone accepts secure, nonsecure, or no dynamic updates.' The main area contains explanatory text about dynamic updates. Below the text is the text 'Select the type of dynamic updates you want to allow:' followed by three radio button options: 'Allow only secure dynamic updates (recommended for Active Directory)', 'Allow both nonsecure and secure dynamic updates', and 'Do not allow dynamic updates' (selected). Each option has a description. A warning icon is next to the second option. Navigation buttons '< Back', 'Next >', and 'Cancel' are at the bottom right.

1.1. Crie um registo do tipo Host com o nome “WEB” e o ip 172.16.0.1



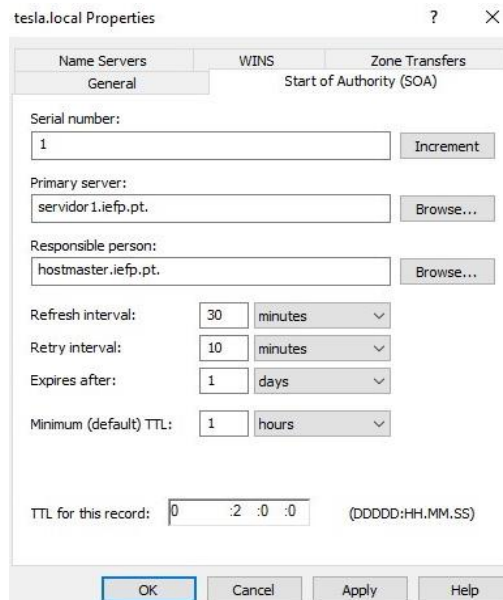
The 'New Host' dialog box is shown with the following fields and values:

- Name (uses parent domain name if blank): WEB
- Fully qualified domain name (FQDN): WEB.tesla.local.
- IP address: 172.16.0.1
- ☐ Create associated pointer (PTR) record

Buttons at the bottom: Add Host, Cancel.

1.2. Altere o refresh interval para 30 minutos do Registo SOA

1.3. Altere o Time To Live para 2 horas do Registo SOA

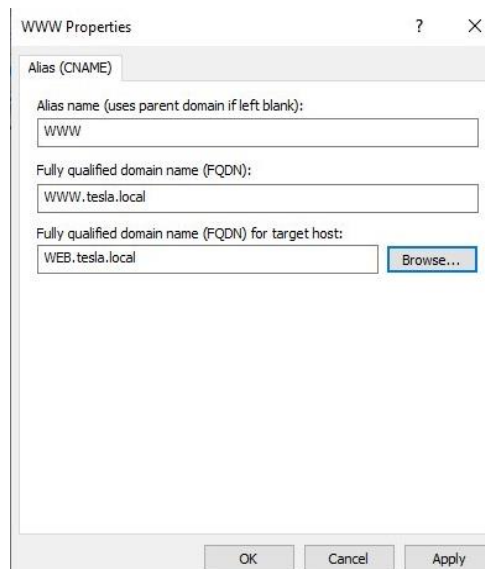


The 'tesla.local Properties' dialog box is shown with the 'Start of Authority (SOA)' tab selected. The fields and values are:

- Serial number: 1
- Primary server: servidor1.iefp.pt.
- Responsible person: hostmaster.iefp.pt.
- Refresh interval: 30 minutes
- Retry interval: 10 minutes
- Expires after: 1 days
- Minimum (default) TTL: 1 hours
- TTL for this record: 0 :2 :0 :0 (DDDD:HH,MM,SS)

Buttons at the bottom: OK, Cancel, Apply, Help.

1.4. Crie um registo alias/Cname com o nome “WWW” apontado para o HOST “WEB”



The 'WWW Properties' dialog box is shown with the 'Alias (CNAME)' tab selected. The fields and values are:

- Alias name (uses parent domain if left blank): WWW
- Fully qualified domain name (FQDN): WWW.tesla.local
- Fully qualified domain name (FQDN) for target host: WEB.tesla.local

Buttons at the bottom: OK, Cancel, Apply.

2. Faça login no windows 10 com o utilizador Administrator



2.1. Crie um registo no ficheiro host – 172.16.0.1 www.instagram.com

```
hosts - Bloco de notas
Ficheiro Editar Formatar Ver Ajuda
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com          # source server
#       38.25.63.10       x.acme.com              # x client host

# localhost name resolution is handled within DNS itself.
#       127.0.0.1         localhost
#       ::1               localhost

172.16.0.1       www.instagram.com
|
```

2.2. Faça um ping com sucesso ao www.instagram.com

```
Administrator: Linha de comandos
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\Users\Administrator>ping servidor1

Pinging Servidor1.IEFP.PT [172.16.0.1] with 32 bytes of data:
Reply from 172.16.0.1: bytes=32 time=5ms TTL=128
Reply from 172.16.0.1: bytes=32 time=5ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 5ms, Average = 2ms

C:\Users\Administrator>ping www.instagram.com

Pinging www.instagram.com [172.16.0.1] with 32 bytes of data:
Reply from 172.16.0.1: bytes=32 time=4ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\Users\Administrator>
```

2.3. Faça um ping com sucesso ao web

```
C:\Users\Administrator>ping WEB

Pinging WEB.tesla.local [172.16.0.1] with 32 bytes of data:
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>
```

2.4. Faça um ping com sucesso ao www.tesla.local

```
C:\Users\Administrator>ping www.tesla.local

Pinging WEB.tesla.local [172.16.0.1] with 32 bytes of data:
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>
```