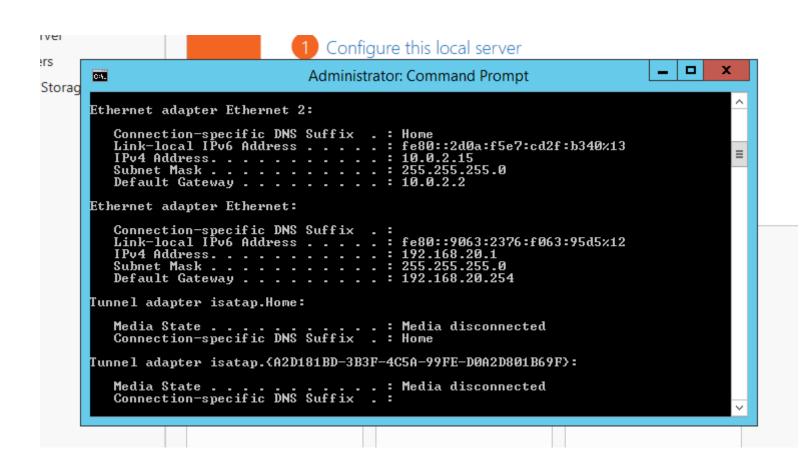
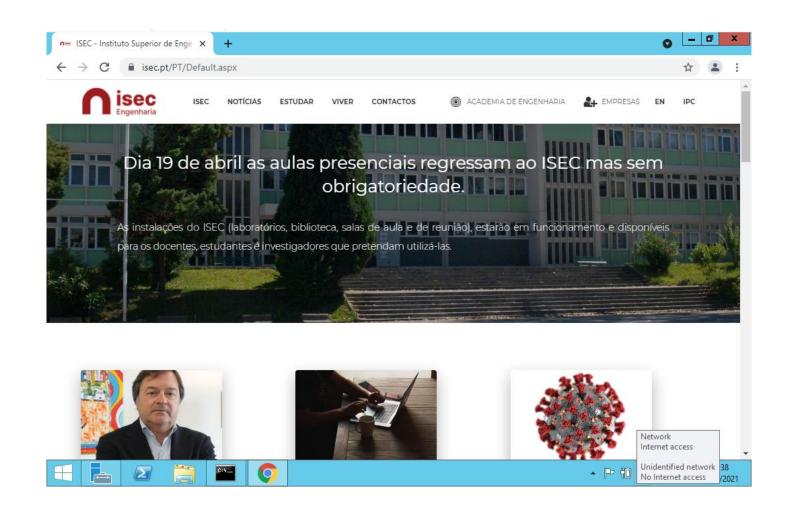
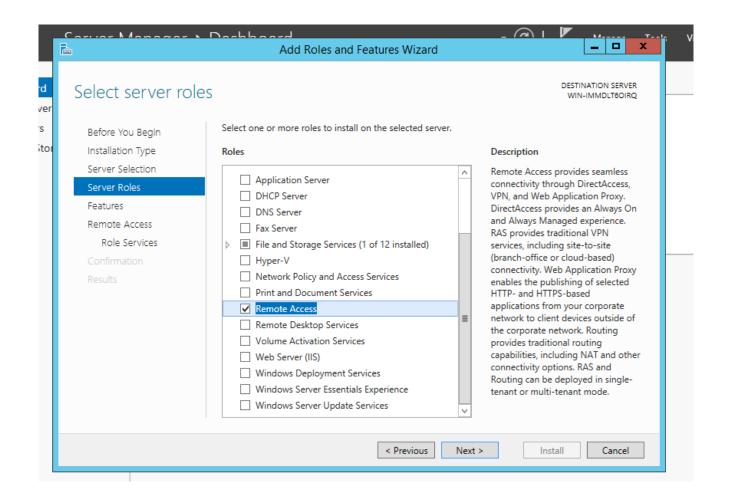
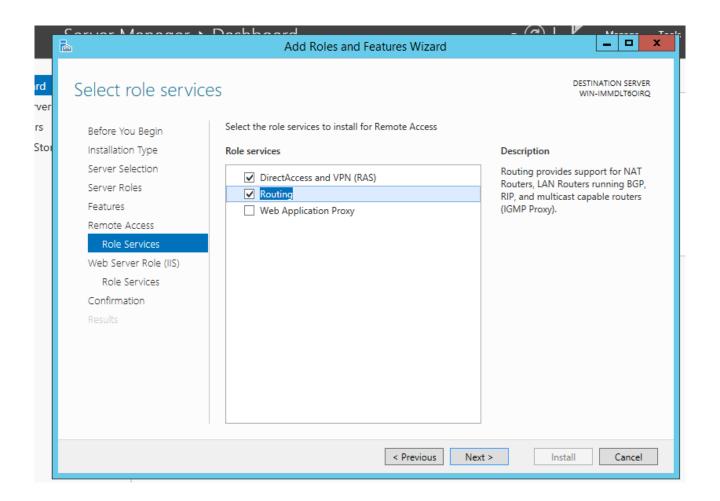
Rafael Filipe Martins Alves 2014013189

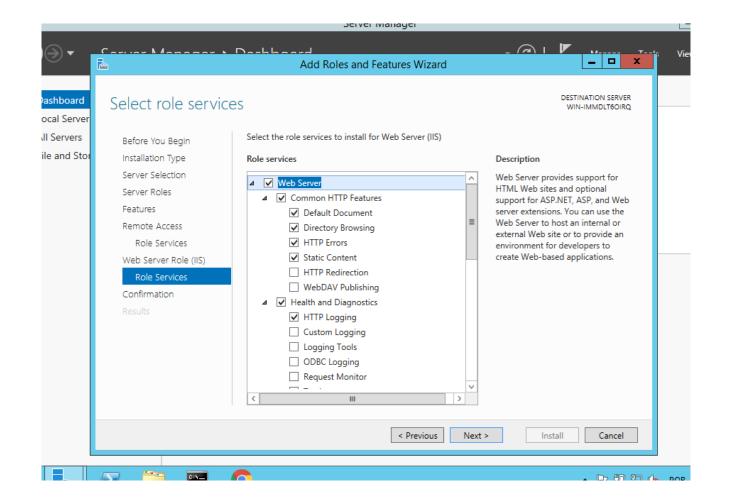
PARTE B

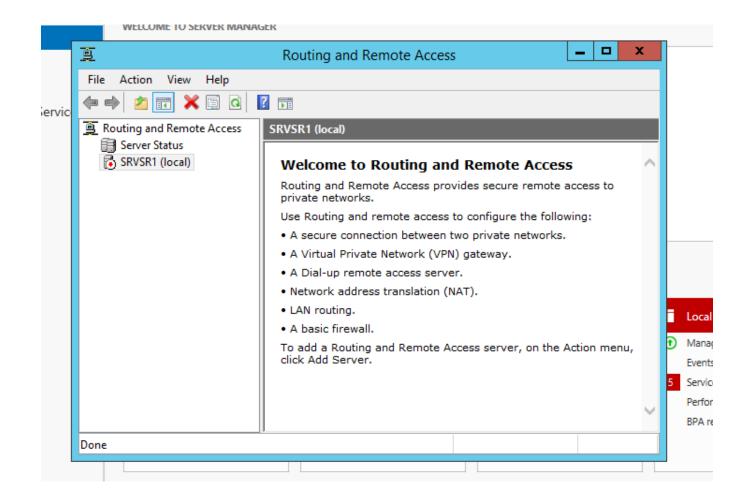


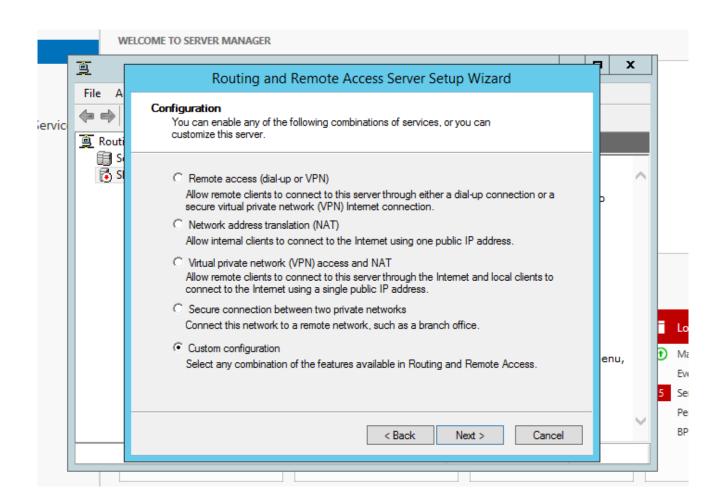


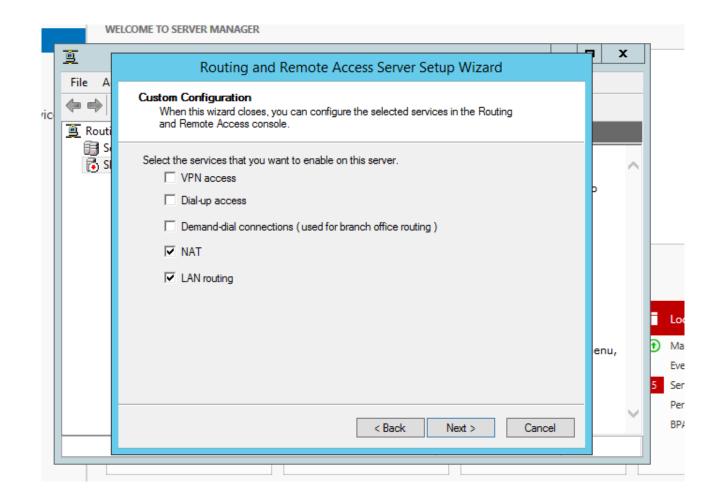


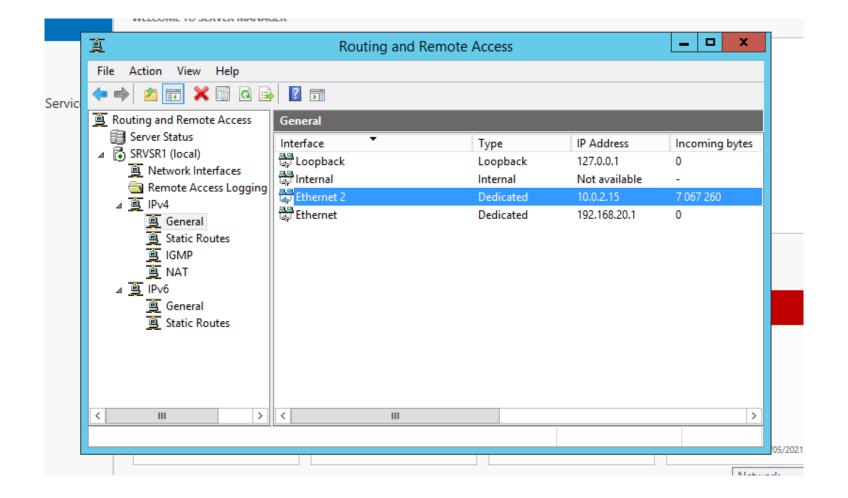


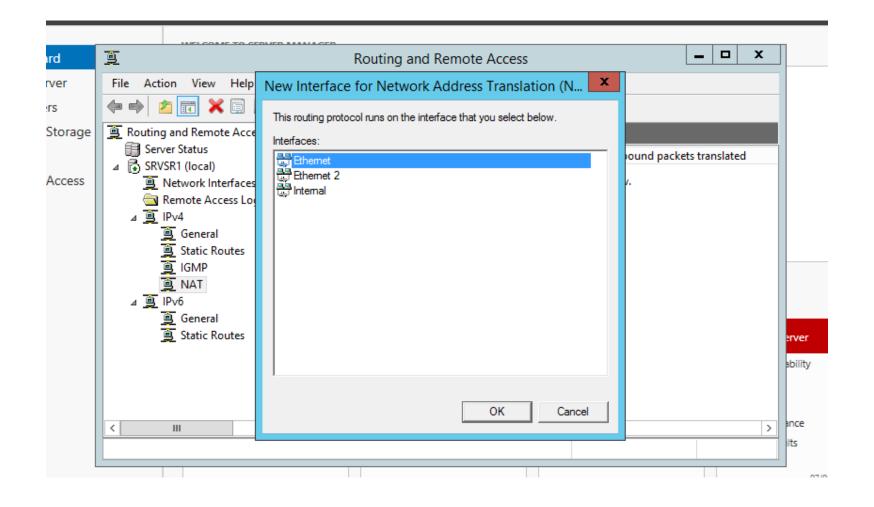


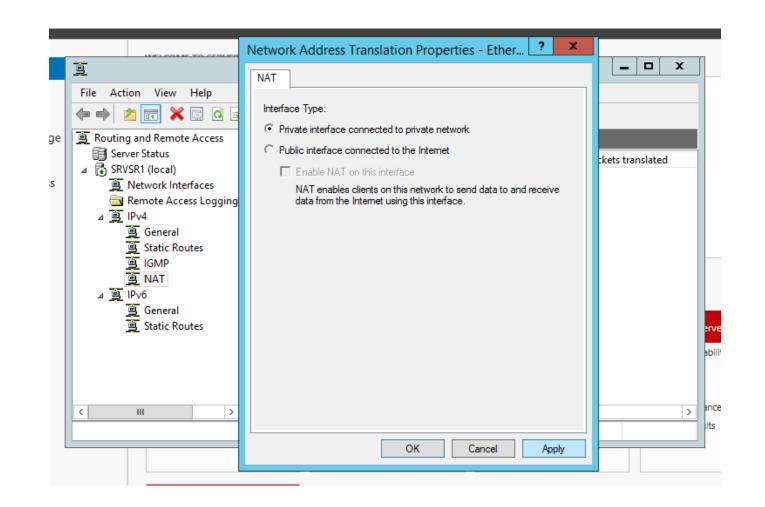


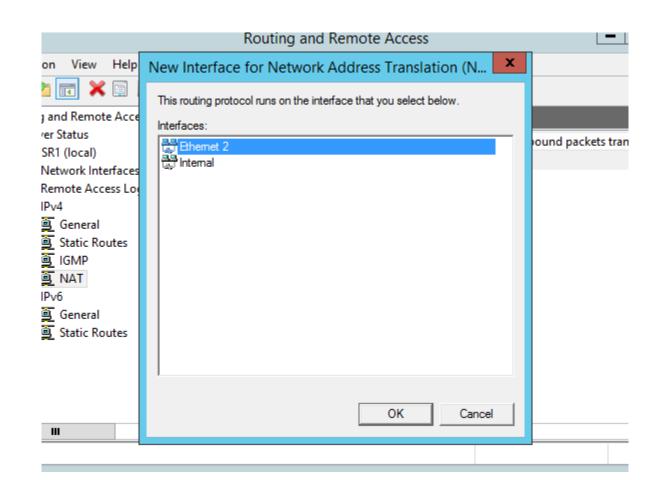


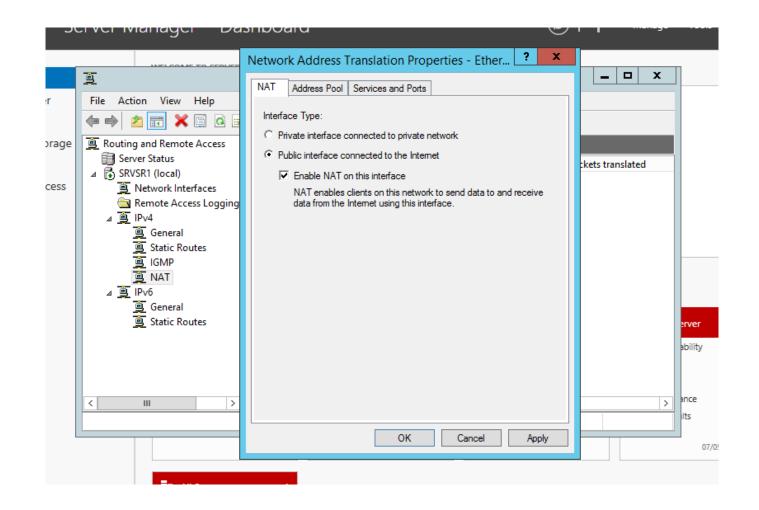


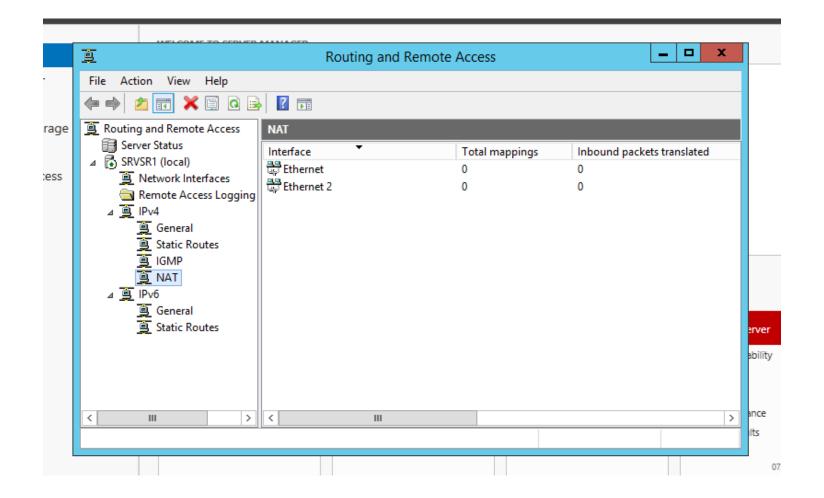


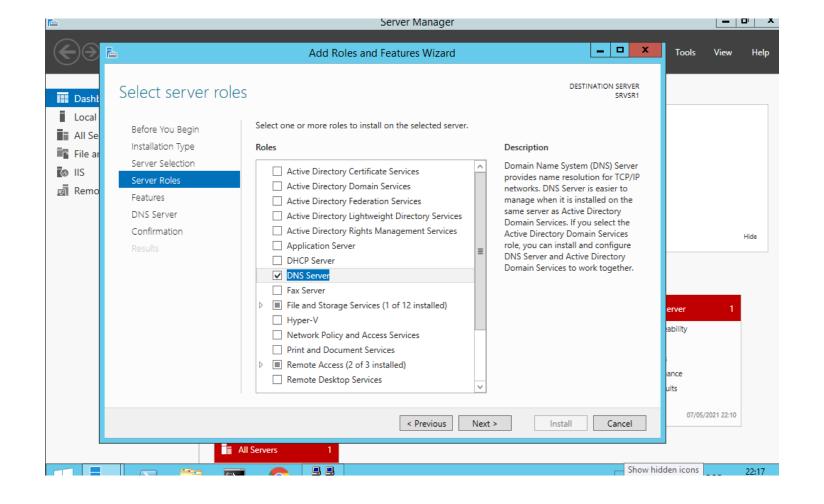


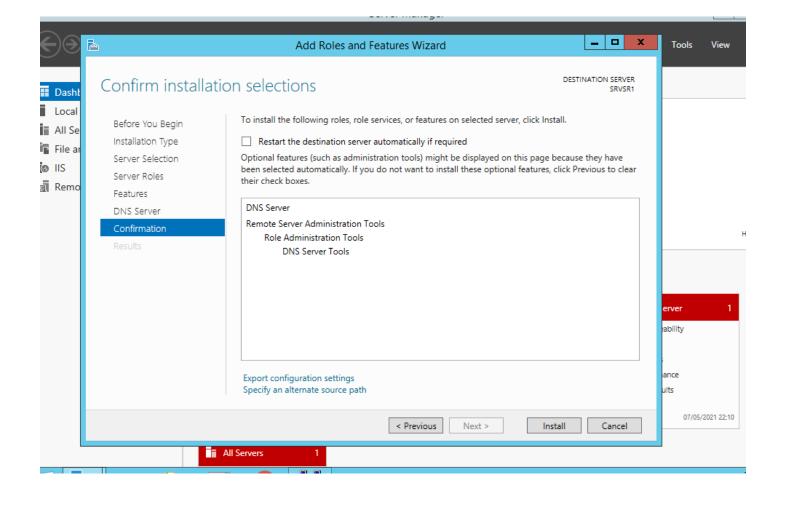


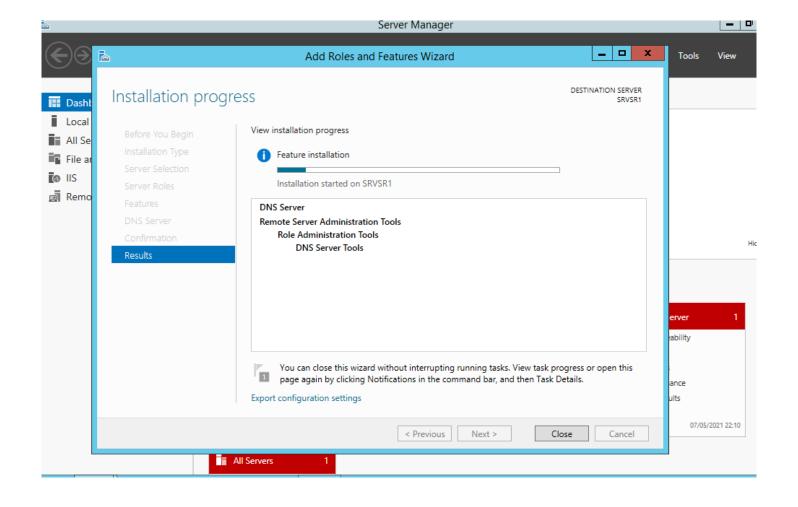


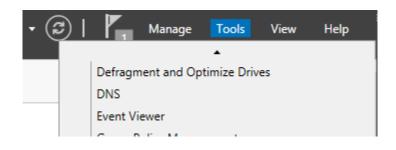


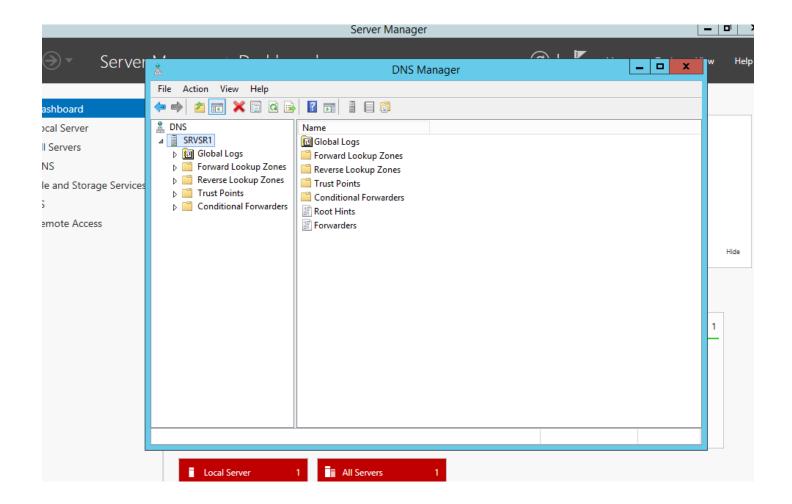


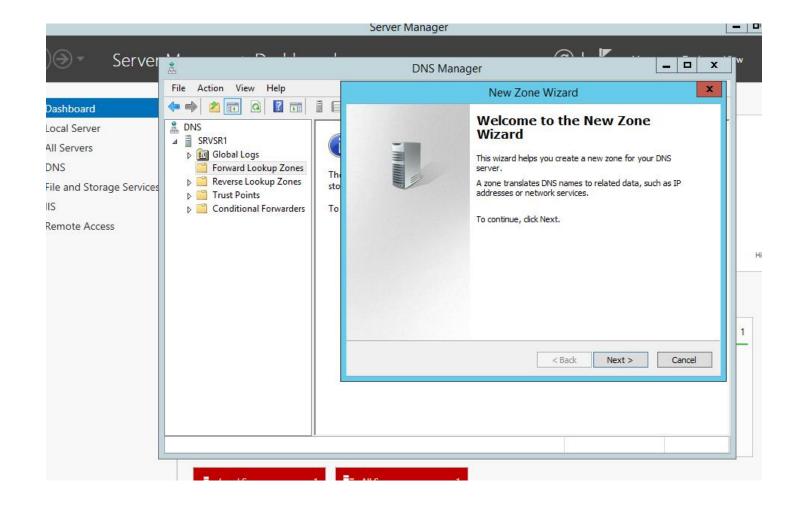


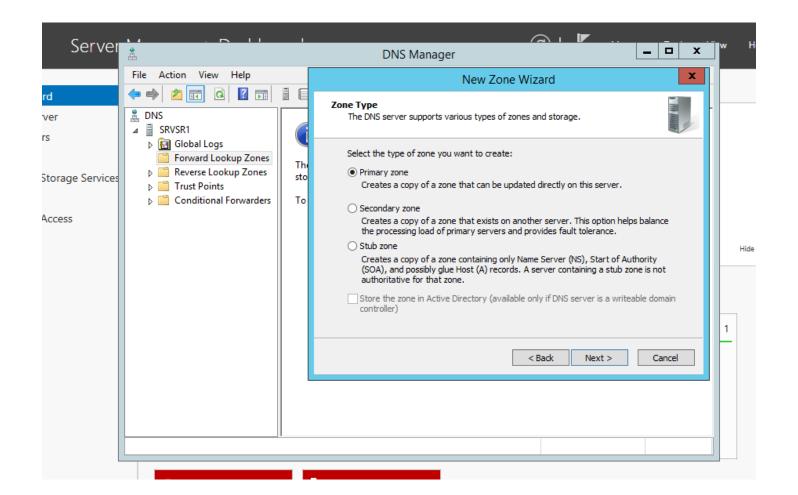


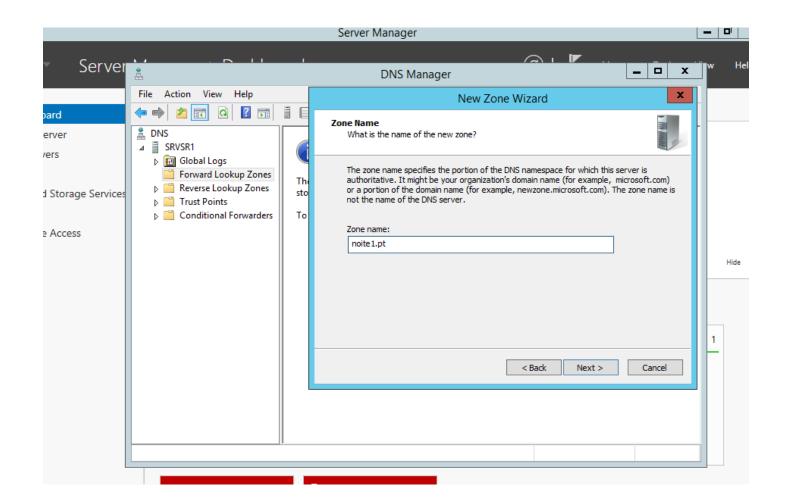


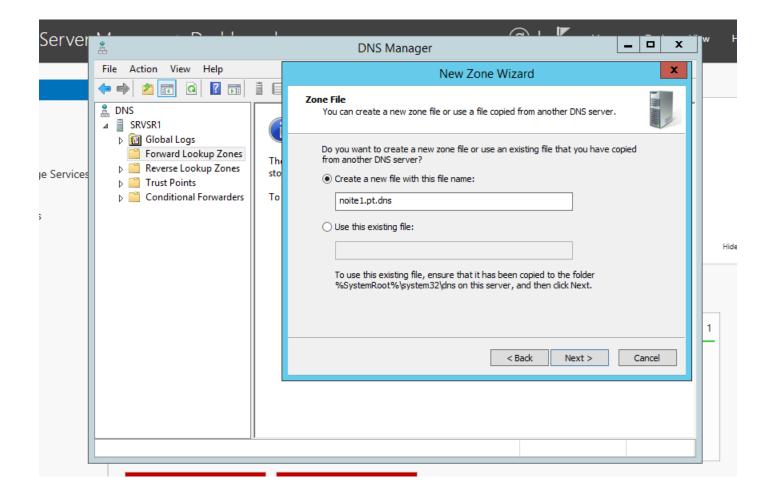


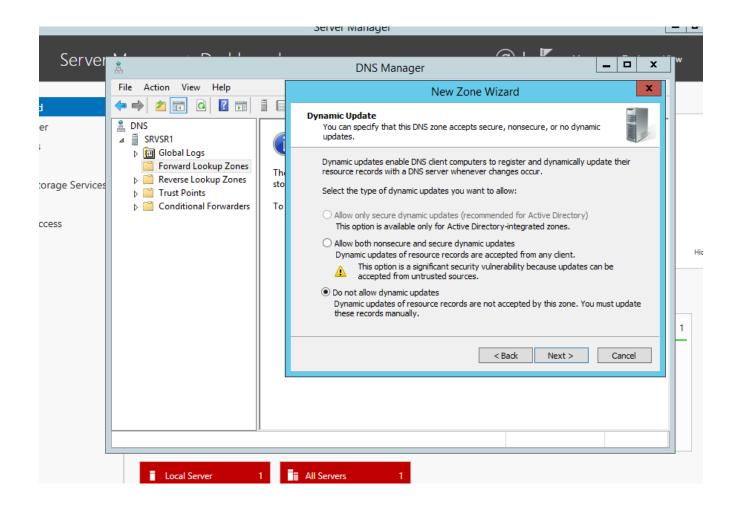


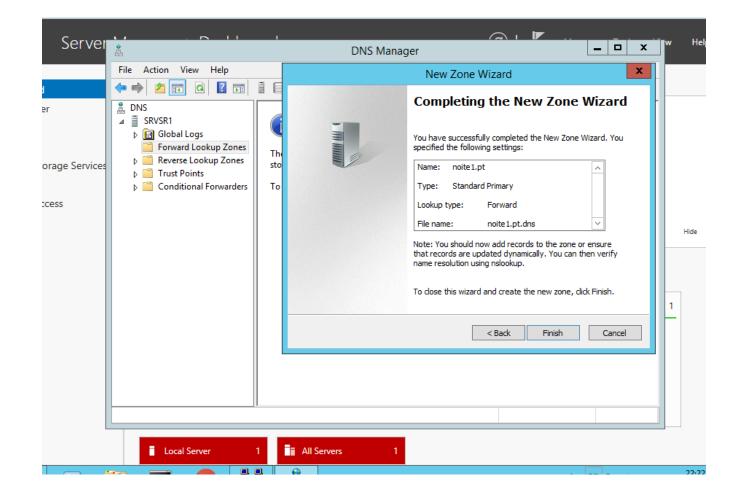


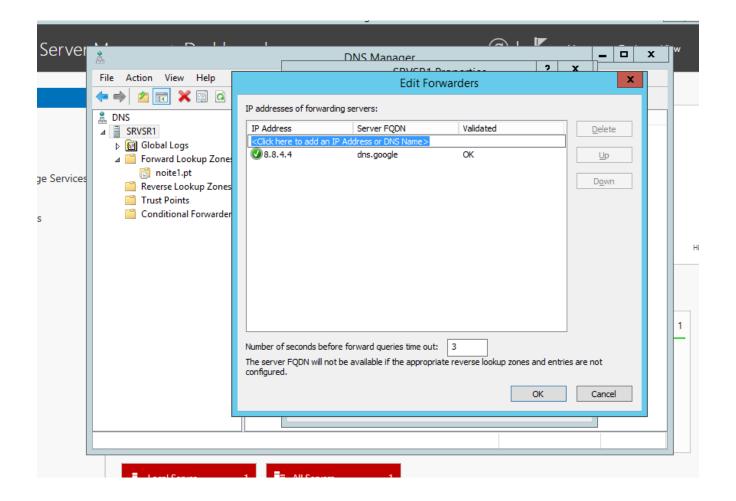


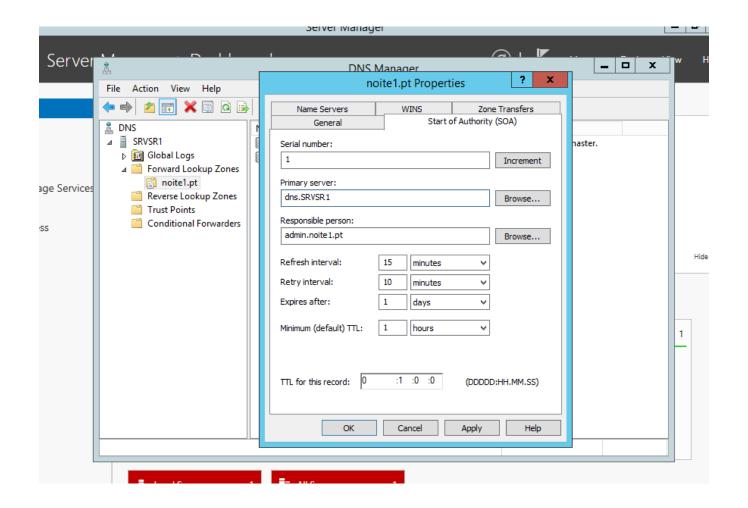


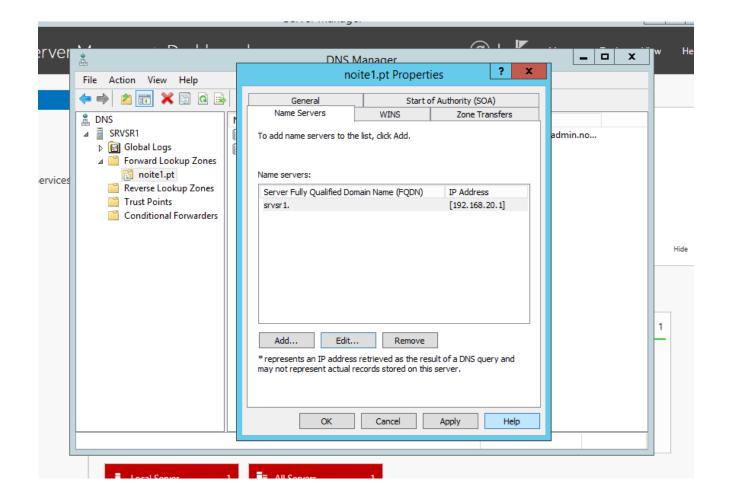


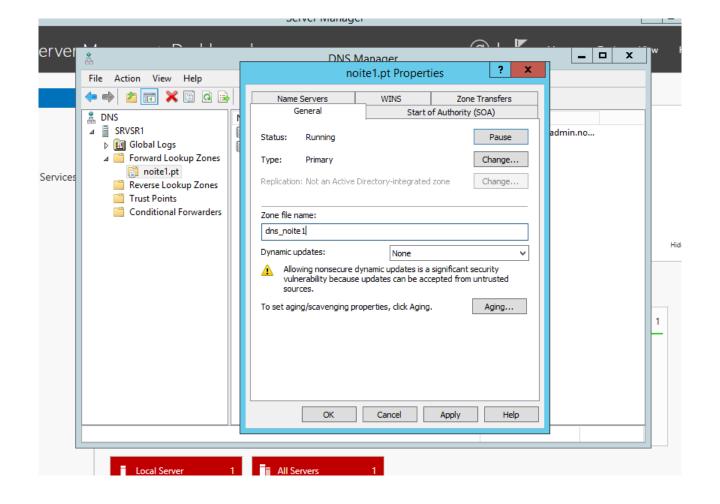


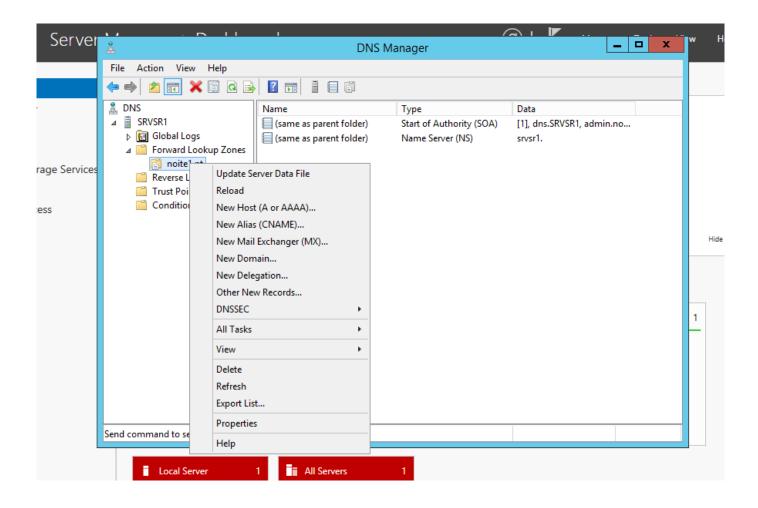




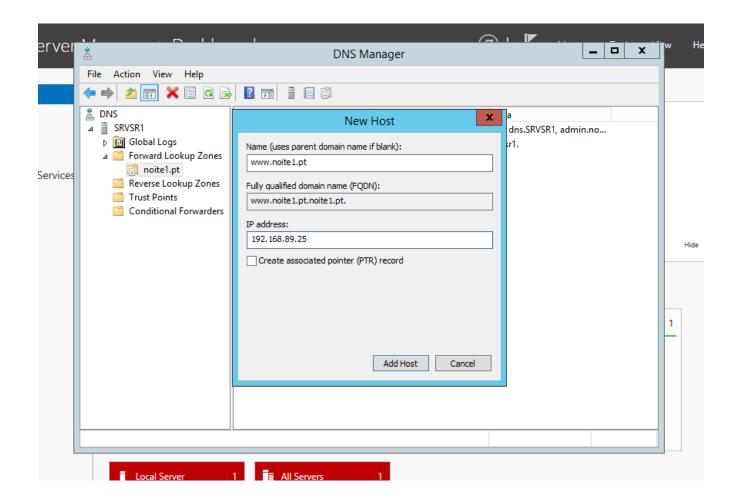


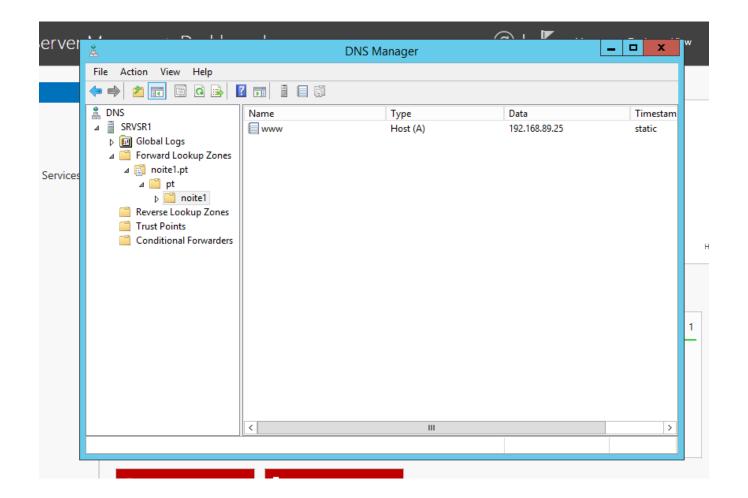


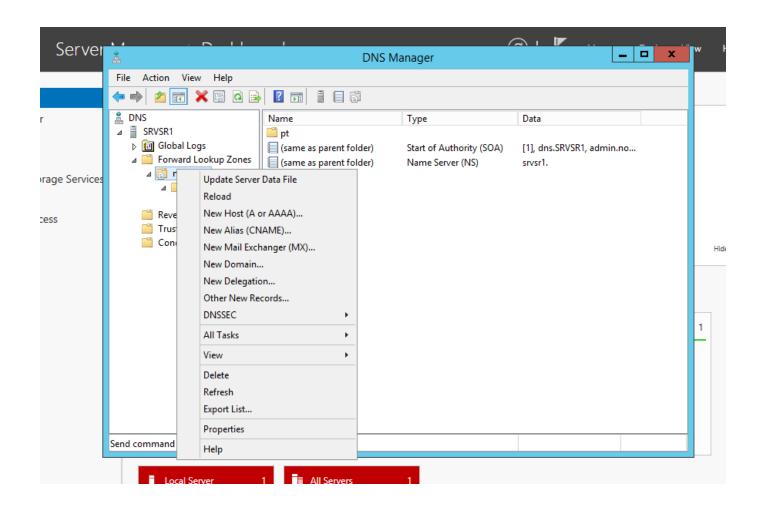




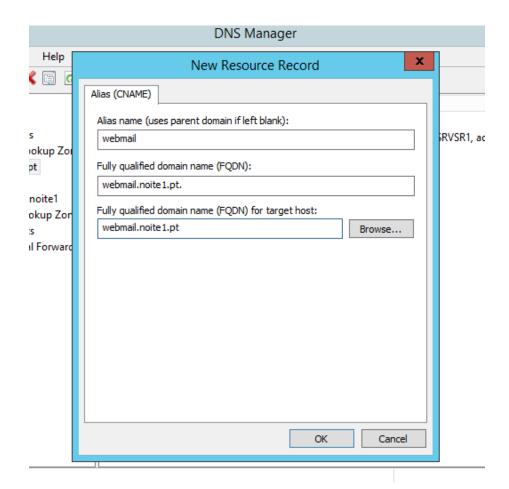
->NEW HOST (A OR AAA)

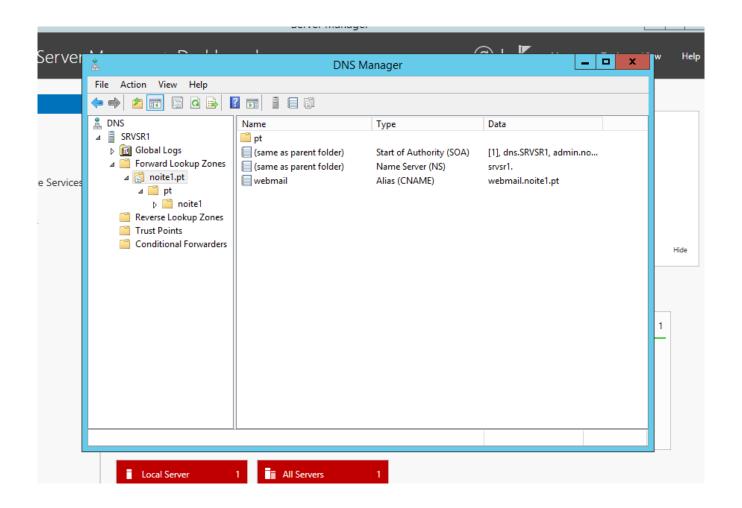




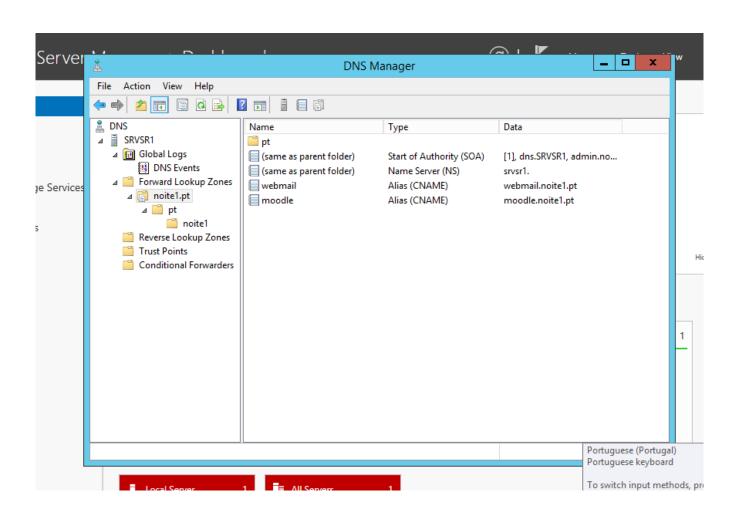


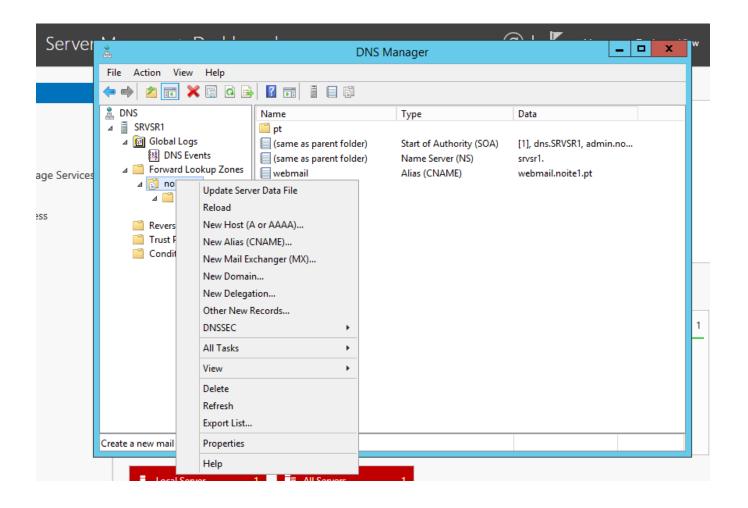
-> NEW ALIAS (CNAME)



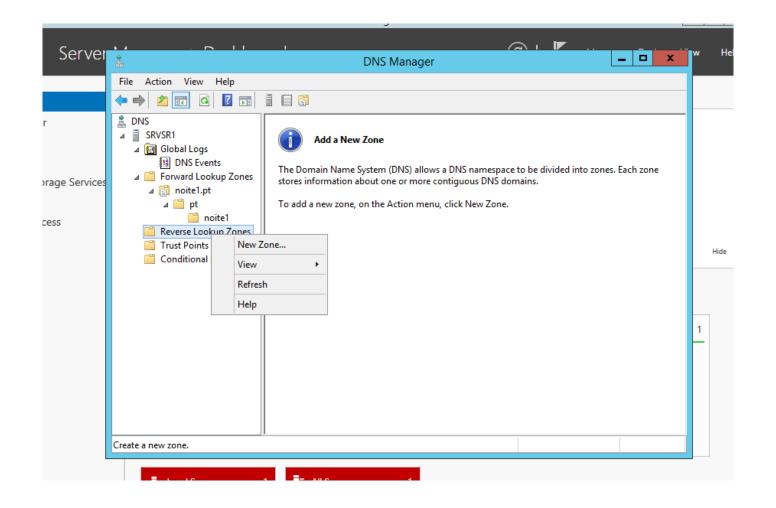


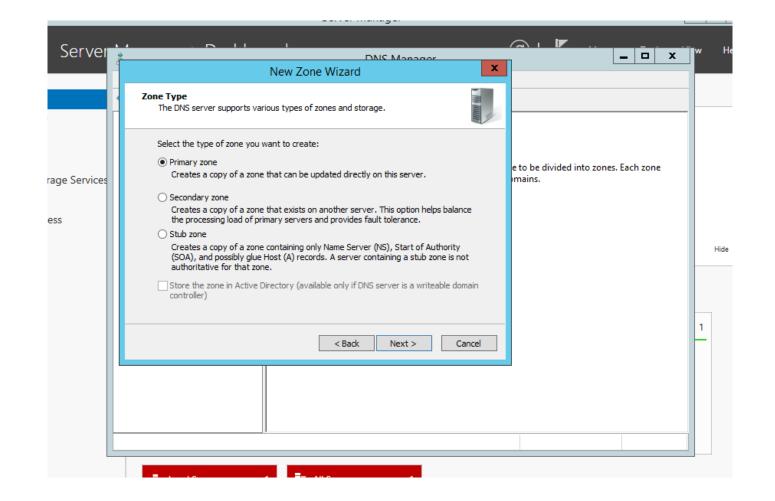
-> MOODLE

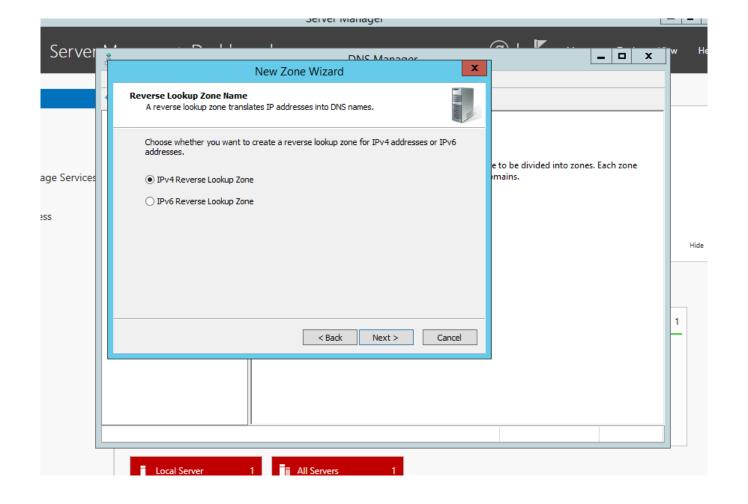


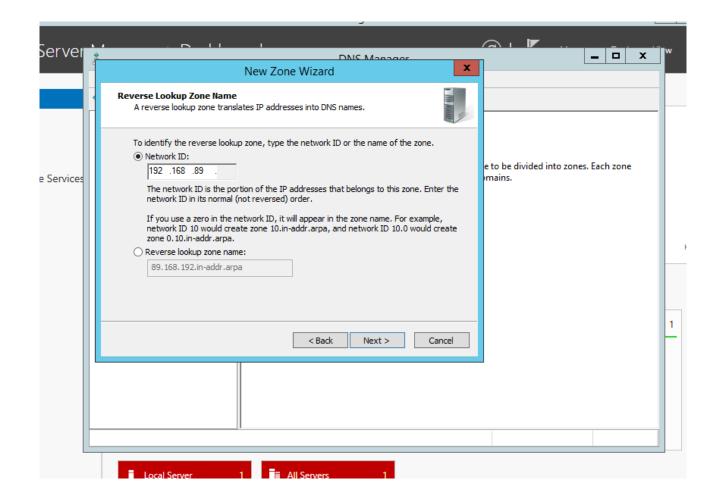


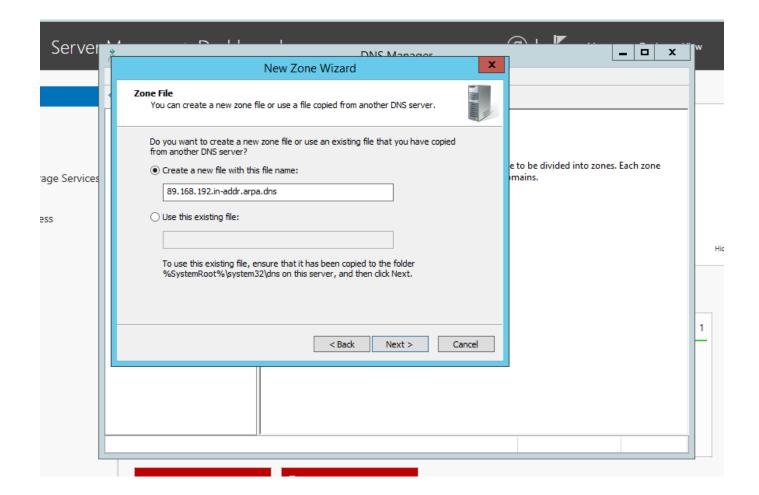
-> NEW MAIL EXCHANGER (MX)

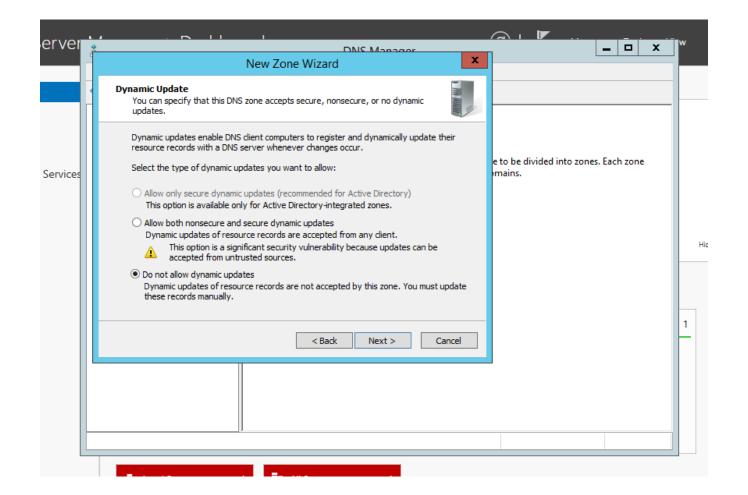


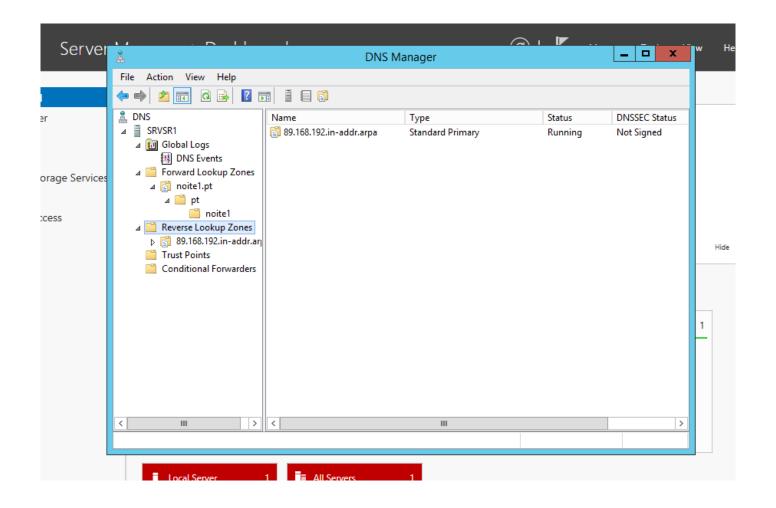




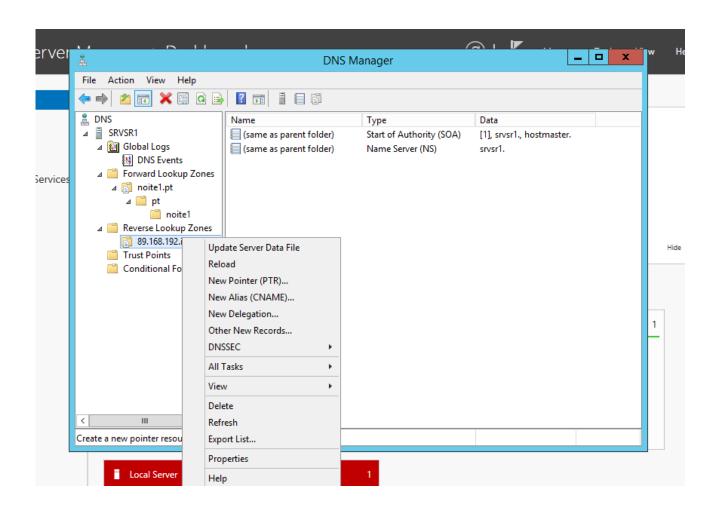


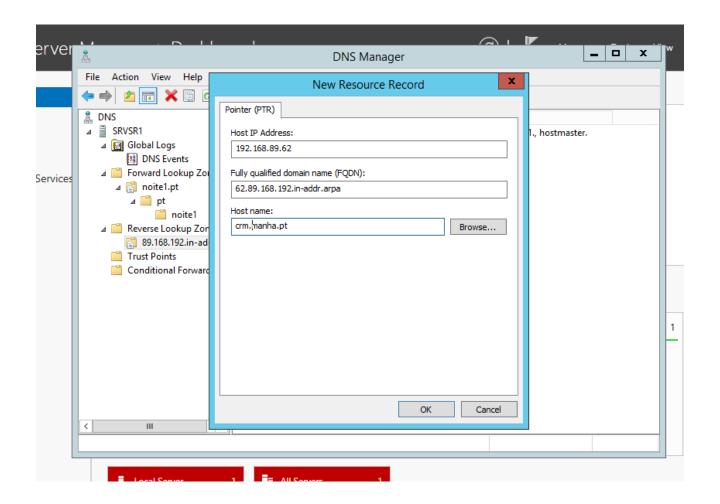


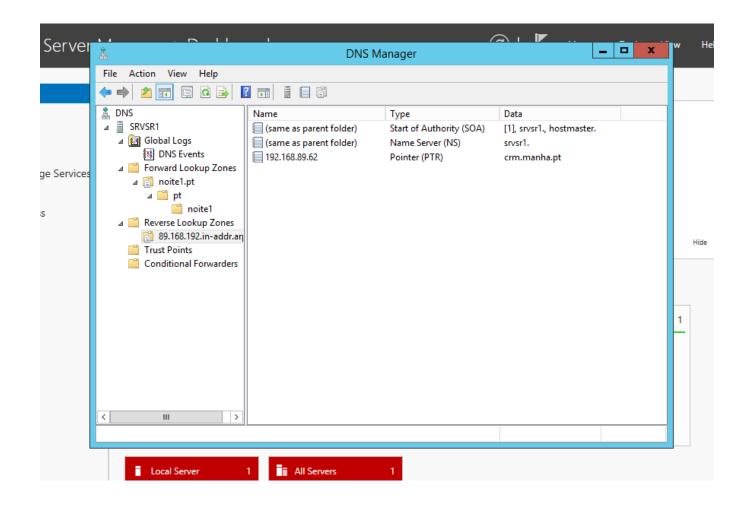


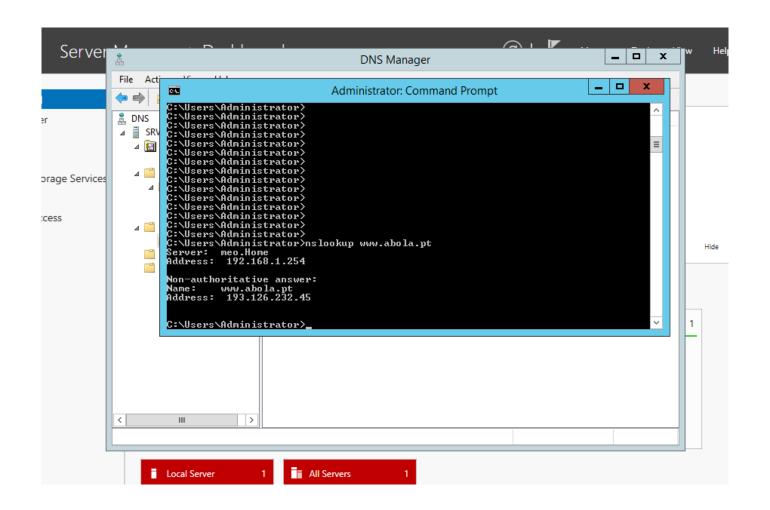


->NEW POINTER (PTR)

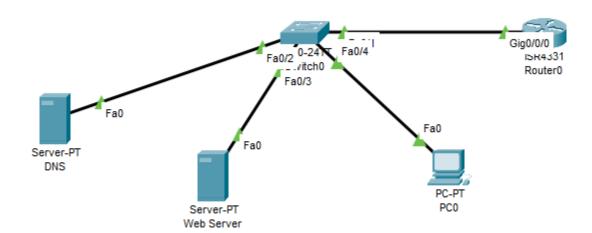


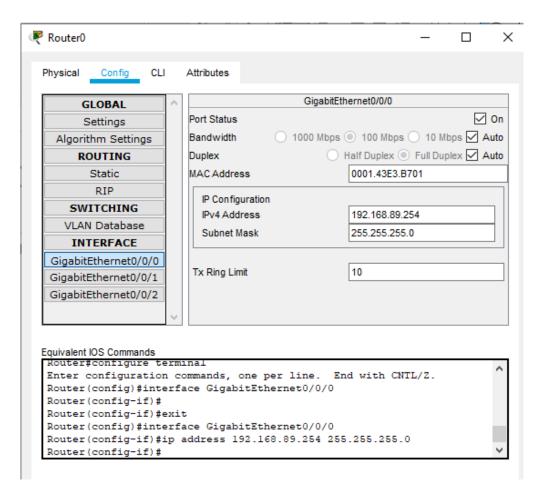


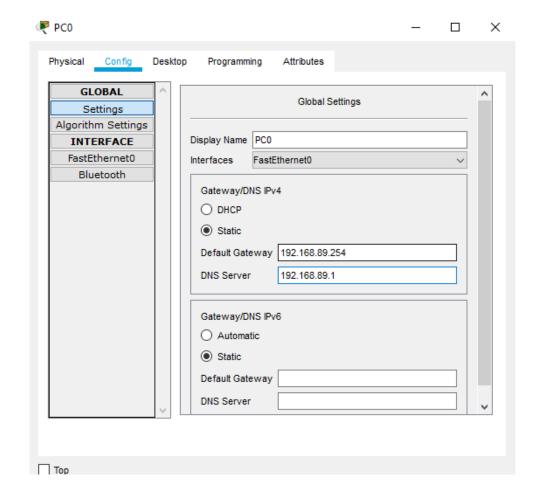




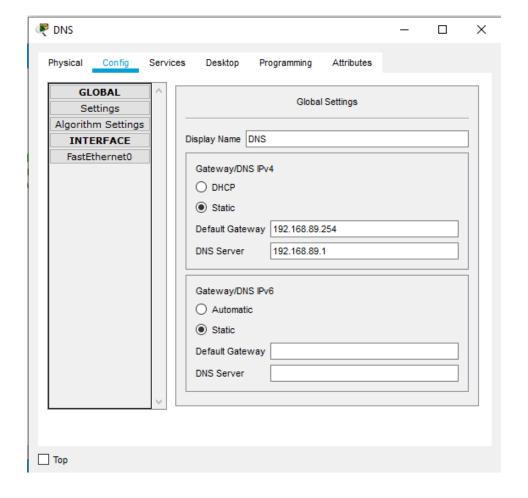
Parte A

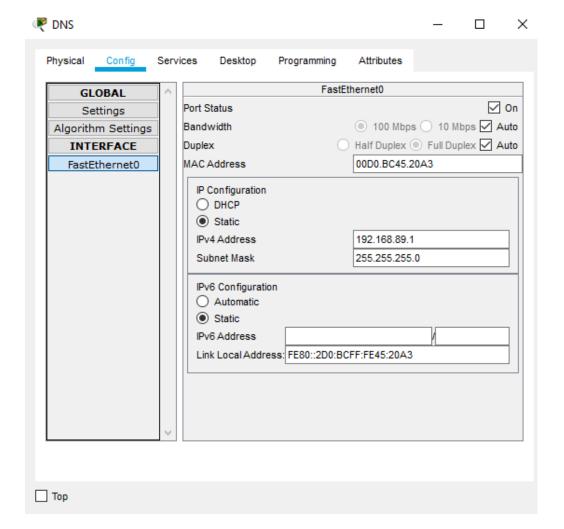


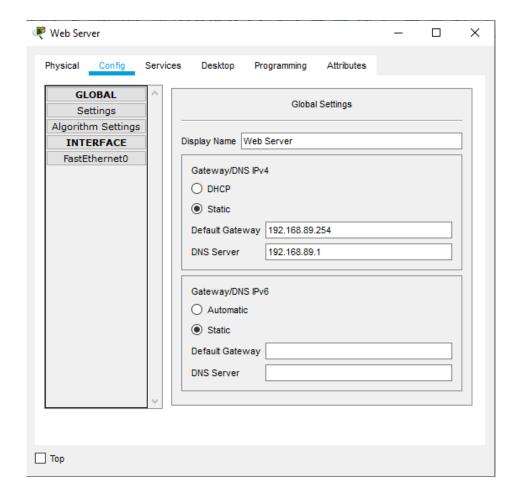




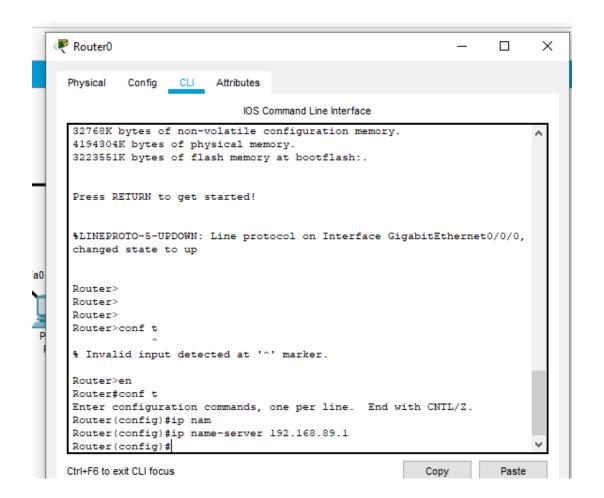
CLORAL
GLOBAL Settings Algorithm Settings INTERFACE FastEthernet0 Bluetooth

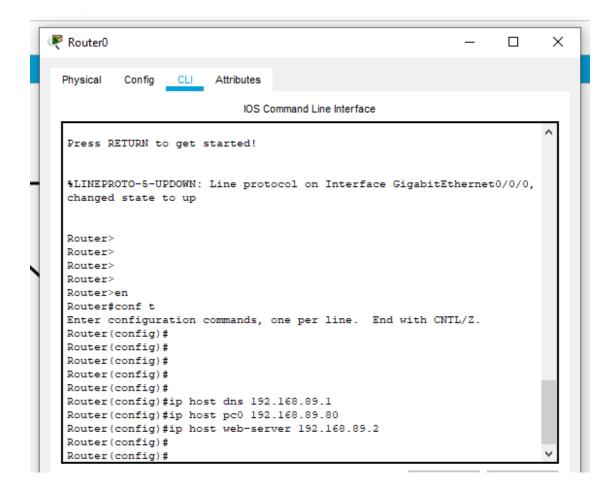


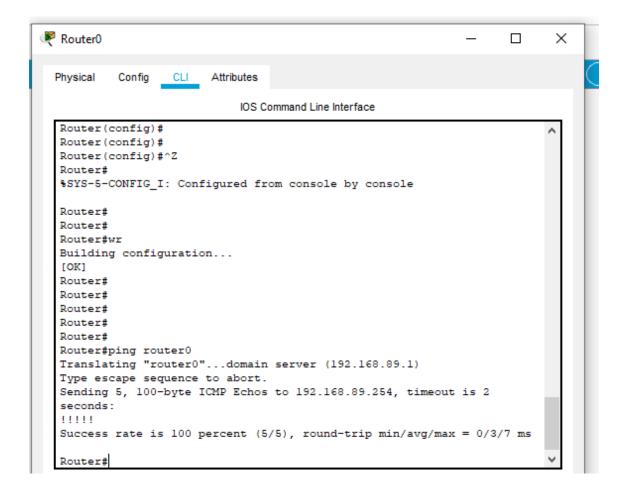


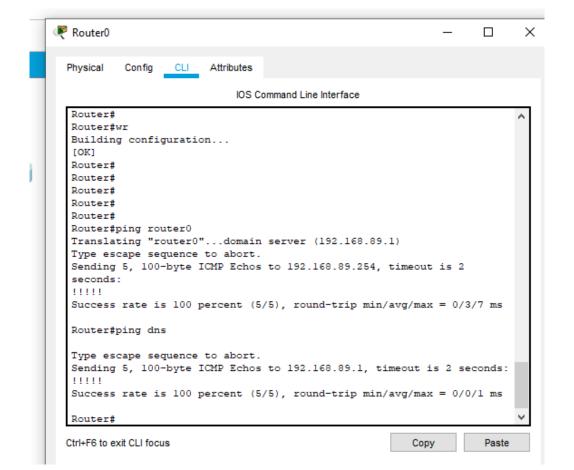


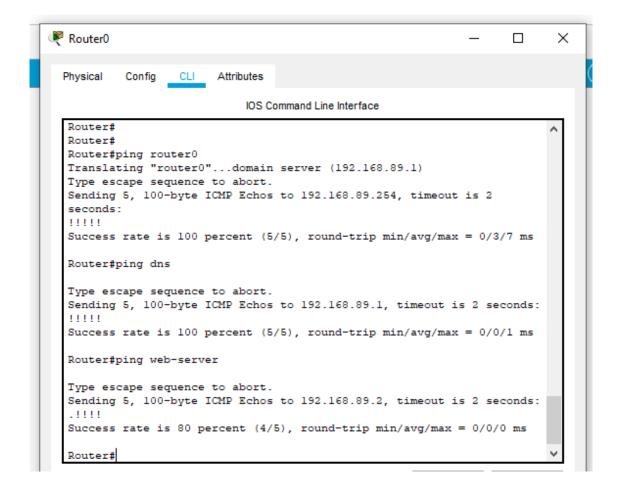
Settings Algorithm Settings INTERFACE FastEthernet0 Port Status Bandwidth Duplex Half Duplex MAC Address IP Configuration OHCP Static IPv4 Address Subnet Mask 192.168.89.2 255.255.255.0 IPv6 Configuration Automatic Static IPv6 Address Link Local Address: FE80::201:C9FF:FE33:E30B	GLOBAL	^		FastEt	hernet0		
Algorithm Settings INTERFACE FastEthernet0 Bandwidth Duplex Duplex MAC Address IP Configuration DHCP Static IPv4 Address Subnet Mask IPv6 Configuration Automatic Static IPv6 Address IPv6 Address Duplex Automatic Static IPv6 Address		i	Port Status				✓ Or
INTERFACE FastEthernet0 Duplex MAC Address P Configuration DHCP Static Pv4 Address Subnet Mask Duplex Automatic Static Pv6 Address		i	Bandwidth		100 Mbp	s 🔾 10 Mt	ops 🗹 Auto
IP Configuration		i	Duplex	0	Half Duplex	Full Dup	lex 🗹 Auto
○ DHCP ● Static IPv4 Address 192.168.89.2 Subnet Mask 255.255.255.0 IPv6 Configuration ○ Automatic ● Static IPv6 Address	FastEthernet0		MAC Address		0001.C933.E	30B	
Subnet Mask 255.255.0 IPv6 Configuration Automatic Static IPv6 Address			Static		192 168 89 3	,	
IPv6 Configuration Automatic Static IPv6 Address							
			Automatic Static IPv6 Address		FF:FE33:E30B	И	

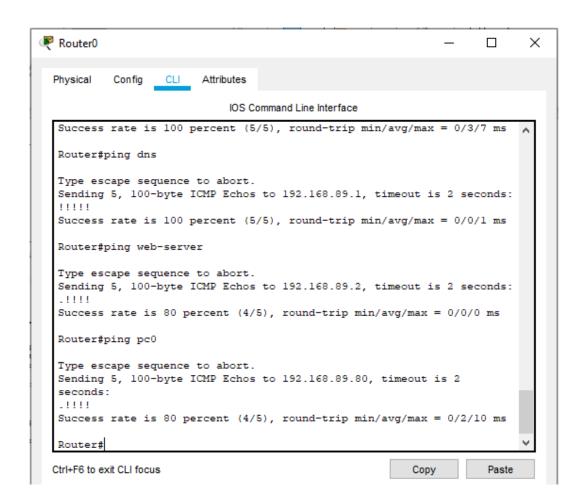


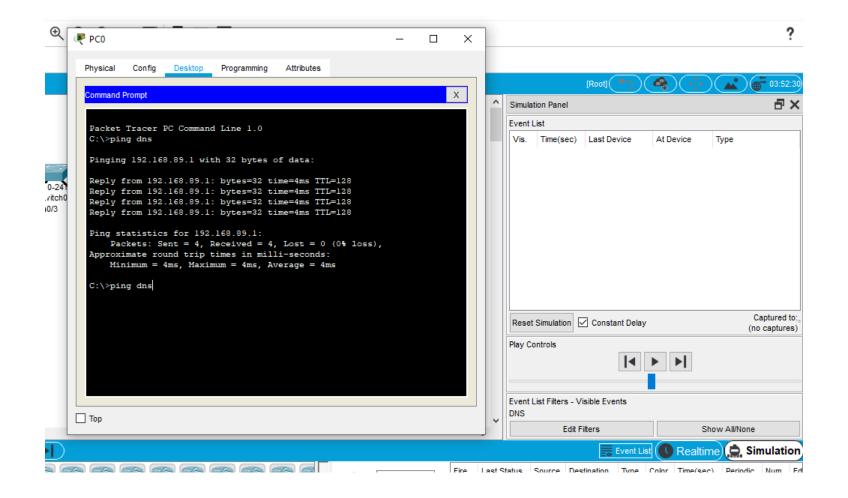


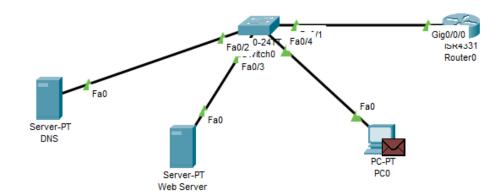


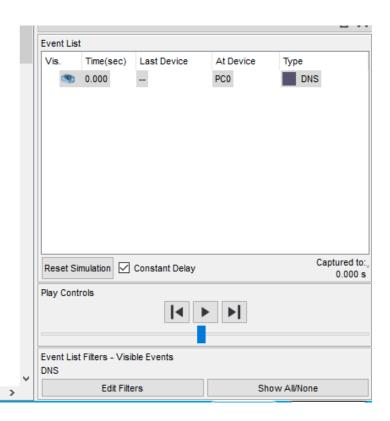


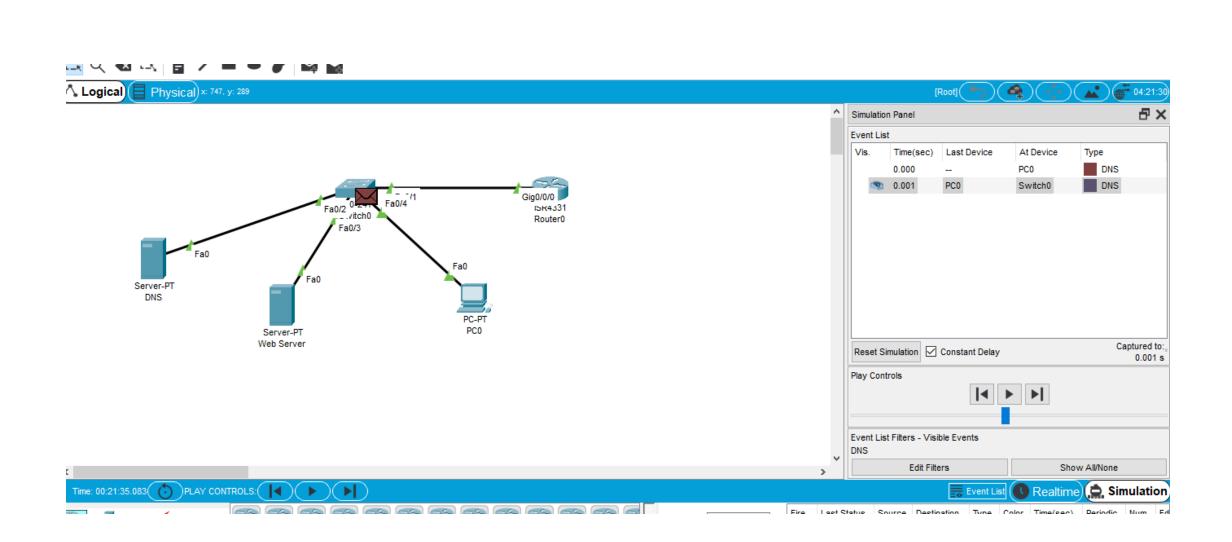


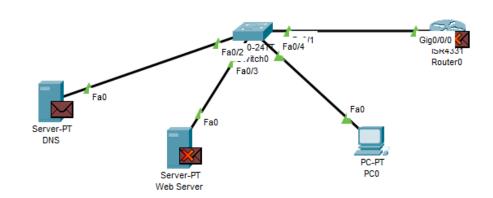


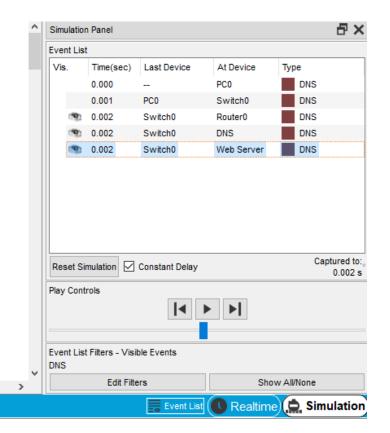


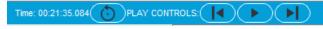


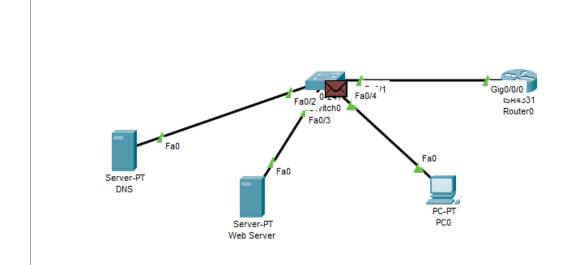


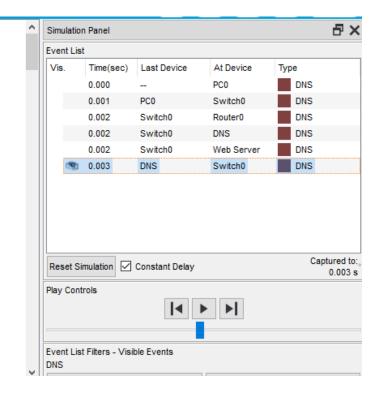


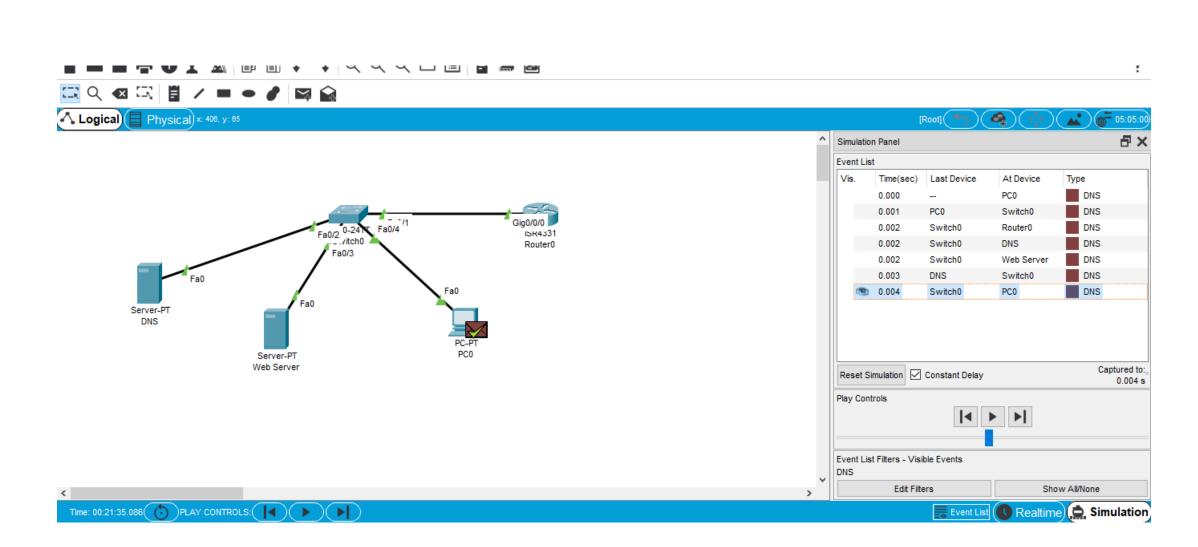


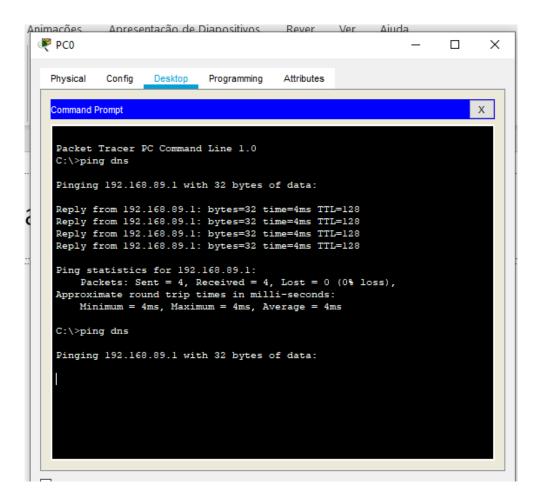






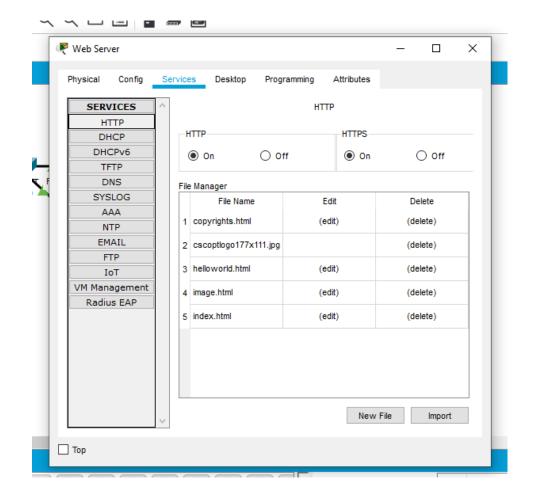


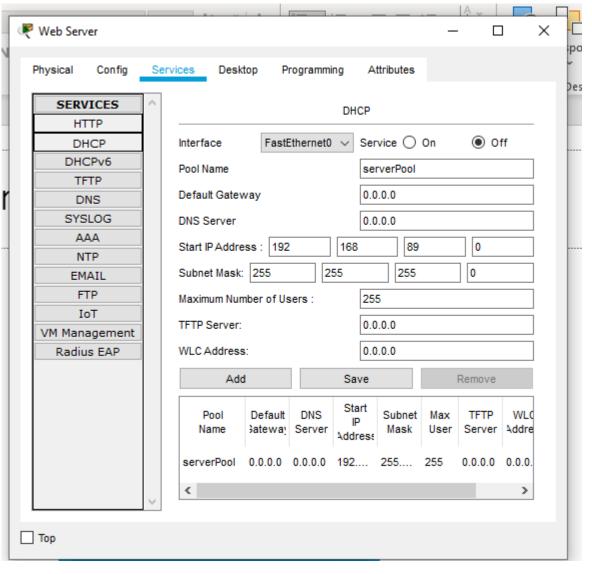


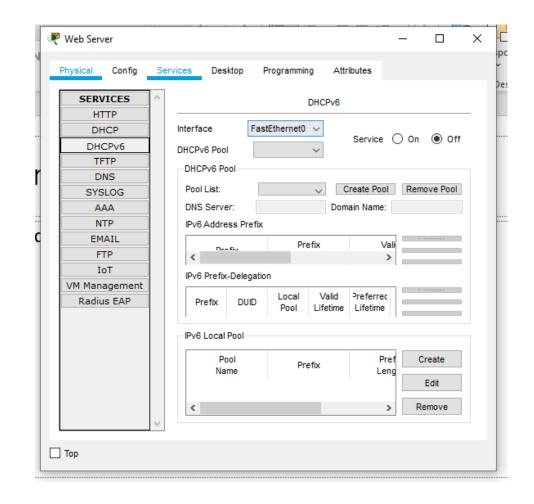


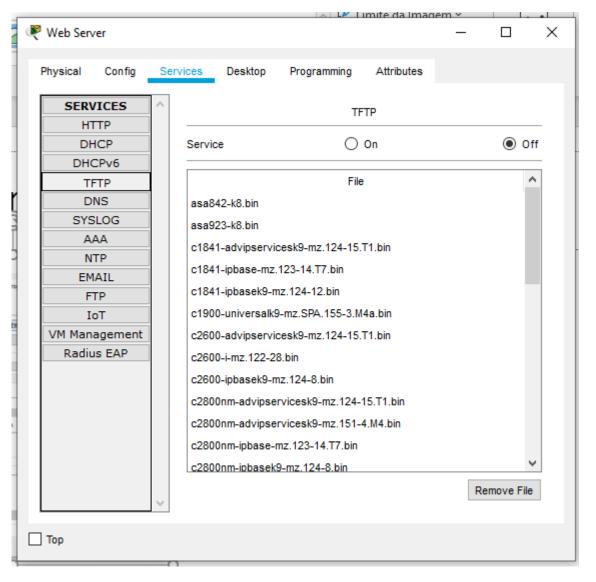
Explicação:

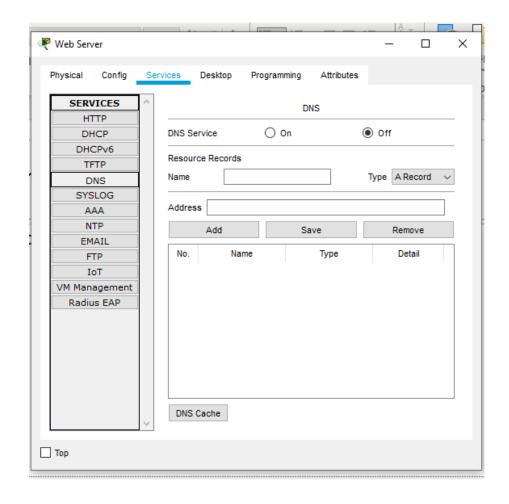
Ao fazer ping dns no pc0 é emitido um pacote com o SRC IP:192.168.89.80 e DST IP:192.168.89.1. O pacote ao chegar ao swicth é distribuído pelas várias interfaces ativas e ao chegar ao Web Server e Router0 é devolvido um reply à origem (PC0) sem resposta porque o ip de destino não era o que ia no pacote, como o pacote tinha o DST IP:192.168.89.1 chega ao DNS e é devolvido um reply à origem (PC0) com a resposta.

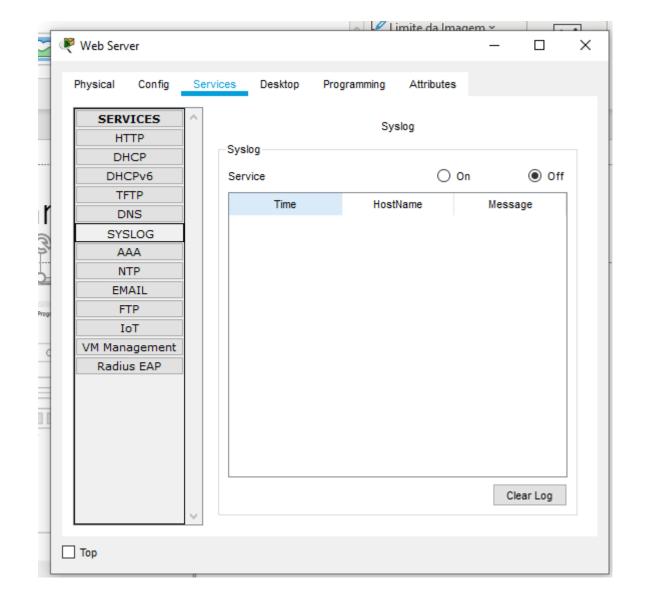


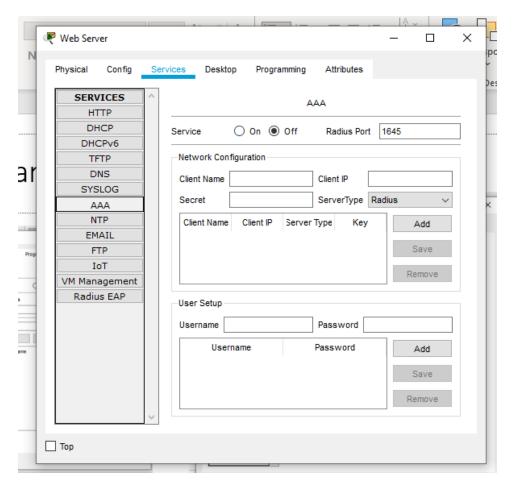


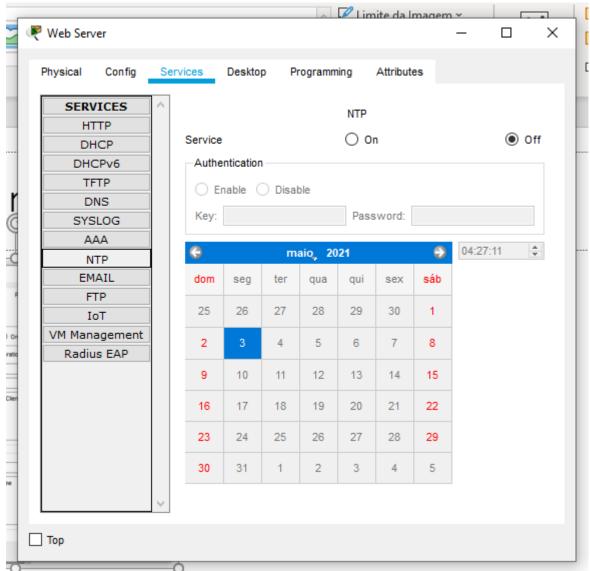


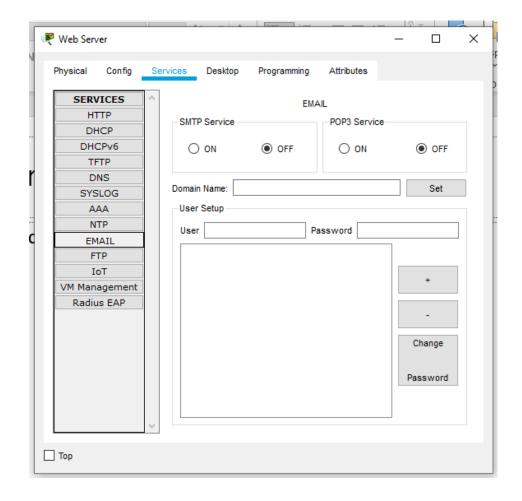




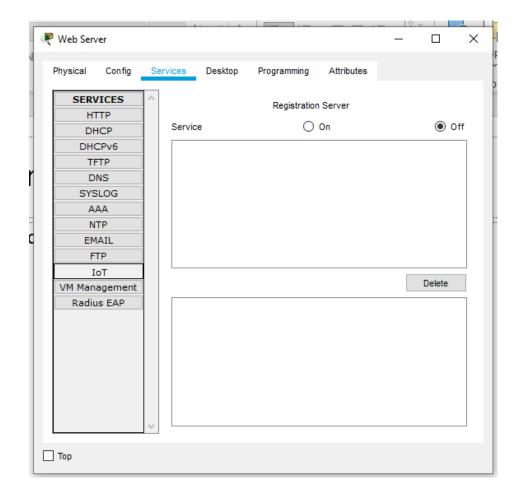








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Web Server						_		×		
Physical Config	Services	Deskt	op P	rogramming	Attributes					
SERVICES	^	^ FTP								
HTTP								_		
DHCP	Sei	vice		0	On		● 0)ff		
DHCPv6]									
TFTP] ["	ser Setup-								
DNS	U	sername			Password]		
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AAA					Jiete		List			
NTP		Usern	ame	Password	Permission		Add			
EMAIL		1 cisco		cisco	RWDNL					
FTP							Save			
IoT										
VM Management						F	Remove	Ш		
Radius EAP										
					File			^		
	1	asa842-k	8.bin							
	2	asa923-k	8.bin							
	3	3 c1841-advipservicesk9-mz.124-15.T1.bin								
							Remove			
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🤎 Web	Server					_		×
Physic	cal Config	Services	Desktop	Programming	Attributes			
_								
5	SERVICES	^		VM Manag	ement			
	HTTP							
	DHCP	Servi	ce	0	● Off			
	DHCPv6			VM		Sta	itus	
	TFTP							
	DNS							
	SYSLOG							
	AAA							
	NTP							
	EMAIL							
	FTP							
	IoT							
	Management							
R	adius EAP							
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