

GRE Tunnels

Local		Remote			Int Na	
Device	Int Name	Ctrl Plane Addr /30	Tunnel End Pt	Ctrl Plane Addr /30	Tunnel End Pt	Device
ES1	GRE1	10.1.1.1	192.168.1.2	10.1.1.2	192.168.1.4	VLSR1-PC
VLSR1-PC	GRE1	10.1.1.2	192.168.1.4	10.1.1.1	192.168.1.2	ES1
VLSR1-PC	GRE2	10.1.2.1	192.168.1.4	10.1.2.2	192.168.1.6	VLSR2-PC
VLSR1-PC	GRE3	10.1.3.1	192.168.1.4	10.1.3.2	192.168.1.8	VLSR3-PC
VLSR2-PC	GRE2	10.1.2.2	192.168.1.6	10.1.2.1	192.168.1.4	VLSR1-PC
VLSR2-PC	GRE4	10.1.4.1	192.168.1.6	10.1.4.2	192.168.1.8	VLSR3-PC
VLSR2-PC	GRE6	10.1.6.1	192.168.1.6	10.1.6.2	192.168.1.10	NARB
VLSR3-PC	GRE3	10.1.3.2	192.168.1.8	10.1.3.1	192.168.1.4	VLSR-1-PC
VLSR3-PC	GRE4	10.1.4.2	192.168.1.8	10.1.4.1	192.168.1.6	VLSR2-PC
VLSR3-PC	GRE5	10.1.5.1	192.168.1.8	10.1.5.2	192.168.1.9	ES2
ES2	GRE5	10.1.5.2	192.168.1.9	10.1.5.1	192.168.1.8	VLSR3-PC
NARB	GRE6	10.1.6.2	192.168.1.10	10.1.6.1	192.168.1.6	VLSR2-PC
VLSR3-PC	GRE11	10.1.11.1	192.168.1.8	10.1.11.2	192.168.2.4	Blue VLSR1-PC
VLSR3-PC	GRE14	10.4.14.2	192.168.1.8	10.4.14.1	192.168.4.8	Green VLSR3-PC
NARB	GRE21	10.1.21.1	192.168.1.10	10.1.21.2	192.168.2.10	Blue NARB
NARB	GRE24	10.4.24.2	192.168.1.10	10.4.24.1	192.168.4.10	Green NARB

Local		Remote			Int Na	
Device	Int Name	Ctrl Plane Addr /30	Tunnel End Pt	Ctrl Plane Addr /30	Tunnel End Pt	Device
ES1	GRE1	10.2.1.1	192.168.2.2	10.2.1.2	192.168.2.4	VLSR1-PC
VLSR1-PC	GRE1	10.2.1.2	192.168.2.4	10.2.1.1	192.168.2.2	ES1
VLSR1-PC	GRE2	10.2.2.1	192.168.2.4	10.2.2.2	192.168.2.6	VLSR2-PC
VLSR1-PC	GRE3	10.2.3.1	192.168.2.4	10.2.3.2	192.168.2.8	VLSR3-PC
VLSR2-PC	GRE2	10.2.2.2	192.168.2.6	10.2.2.1	192.168.2.4	VLSR1-PC
VLSR2-PC	GRE4	10.2.4.1	192.168.2.6	10.2.4.2	192.168.2.8	VLSR3-PC
VLSR2-PC	GRE6	10.2.6.1	192.168.2.6	10.2.6.2	192.168.2.10	NARB
VLSR3-PC	GRE3	10.2.3.2	192.168.2.8	10.2.3.1	192.168.2.4	VLSR-1-PC
VLSR3-PC	GRE4	10.2.4.2	192.168.2.8	10.2.4.1	192.168.2.6	VLSR2-PC
VLSR3-PC	GRE5	10.2.5.1	192.168.2.8	10.2.5.2	192.168.2.9	ES2
ES2	GRE5	10.2.5.2	192.168.2.9	10.2.5.1	192.168.2.8	VLSR3-PC
NARB	GRE6	10.2.6.2	192.168.2.10	10.2.6.1	192.168.2.6	VLSR2-PC
VLSR1-PC	GRE11	10.1.11.2	192.168.2.4	10.1.11.1	192.168.1.8	Red VLSR3-PC
VLSR3-PC	GRE12	10.2.12.1	192.168.2.8	10.2.12.2	192.168.3.6	Yellow VLSR2-PC
NARB	GRE21	10.1.21.2	192.168.2.10	10.1.21.1	192.168.1.10	Red NARB
NARB	GRE22	10.2.22.1	192.168.2.10	10.2.22.2	192.168.3.10	Yellow NARB

GRE Tunnels

Local		Remote		
Device	Int Name	Ctrl Plane Addr /30	Tunnel End Pt	Tunnel End Pt
ES1	GRE1	10.3.1.1	192.168.3.2	192.168.3.4
VLSR1-PC	GRE1	10.3.1.2	192.168.3.4	192.168.3.2
VLSR1-PC	GRE2	10.3.2.1	192.168.3.4	192.168.3.6
VLSR1-PC	GRE3	10.3.3.1	192.168.3.4	192.168.3.8
VLSR2-PC	GRE2	10.3.2.2	192.168.3.6	192.168.3.4
VLSR2-PC	GRE4	10.3.4.1	192.168.3.6	192.168.3.8
VLSR2-PC	GRE6	10.3.6.1	192.168.3.6	192.168.3.10
VLSR3-PC	GRE3	10.3.3.2	192.168.3.8	192.168.3.4
VLSR3-PC	GRE4	10.3.4.2	192.168.3.8	192.168.3.6
VLSR3-PC	GRE5	10.3.5.1	192.168.3.8	192.168.3.9
ES2	GRE5	10.3.5.2	192.168.3.9	192.168.3.8
NARB	GRE6	10.3.6.2	192.168.3.10	192.168.3.6
VLSR1-PC	GRE13	10.3.13.1	192.168.3.4	192.168.4.8
VLSR2-PC	GRE12	10.2.12.2	192.168.3.6	192.168.2.8
NARB	GRE23	10.3.23.1	192.168.3.10	192.168.4.10
NARB	GRE22	10.2.22.2	192.168.3.10	192.168.2.10
VLSR1-PC	GRE1			VLSR1-PC
VLSR1-PC	GRE1			ES1
VLSR1-PC	GRE2			VLSR2-PC
VLSR1-PC	GRE3			VLSR3-PC
VLSR2-PC	GRE2			VLSR1-PC
VLSR2-PC	GRE4			VLSR3-PC
VLSR2-PC	GRE6			NARB
VLSR3-PC	GRE3			VLSR1-PC
VLSR3-PC	GRE4			VLSR2-PC
VLSR3-PC	GRE5			ES2
ES2	GRE5			VLSR3-PC
NARB	GRE6			VLSR2-PC
VLSR3-PC	GRE13			Yellow-VLSR1-PC
VLSR3-PC	GRE14			Red-VLSR3-PC
NARB	GRE24			Red NARB
NARB	GRE23			Yellow NARB

Local		Remote		
Device	Int Name	Ctrl Plane Addr /30	Tunnel End Pt	Tunnel End Pt
ES1	GRE1	10.4.1.1	192.168.4.2	192.168.4.4
VLSR1-PC	GRE1	10.4.1.2	192.168.4.4	192.168.4.2
VLSR1-PC	GRE2	10.4.2.1	192.168.4.4	192.168.4.6
VLSR1-PC	GRE3	10.4.3.1	192.168.4.4	192.168.4.8
VLSR2-PC	GRE2	10.4.2.2	192.168.4.6	192.168.4.4
VLSR2-PC	GRE4	10.4.4.1	192.168.4.6	192.168.4.8
VLSR2-PC	GRE6	10.4.6.1	192.168.4.6	192.168.4.10
VLSR3-PC	GRE3	10.4.3.2	192.168.4.8	192.168.4.4
VLSR3-PC	GRE4	10.4.4.2	192.168.4.8	192.168.4.6
VLSR3-PC	GRE5	10.4.5.1	192.168.4.8	192.168.4.9
ES2	GRE5	10.4.5.2	192.168.4.9	192.168.4.8
NARB	GRE6	10.4.6.2	192.168.4.10	192.168.4.6
VLSR3-PC	GRE13	10.3.13.2	192.168.4.8	192.168.3.4
VLSR3-PC	GRE14	10.4.14.1	192.168.4.8	192.168.1.8
NARB	GRE24	10.4.24.1	192.168.4.10	192.168.1.10
NARB	GRE23	10.3.23.2	192.168.4.10	192.168.3.10
VLSR1-PC	GRE1	10.4.1.2		VLSR1-PC
VLSR1-PC	GRE1	10.4.1.1		ES1
VLSR1-PC	GRE2	10.4.2.2		VLSR2-PC
VLSR1-PC	GRE3	10.4.3.2		VLSR3-PC
VLSR2-PC	GRE2	10.4.2.1		VLSR1-PC
VLSR2-PC	GRE4	10.4.4.2		VLSR3-PC
VLSR2-PC	GRE6	10.4.6.2		NARB
VLSR3-PC	GRE3	10.4.3.1		VLSR1-PC
VLSR3-PC	GRE4	10.4.4.1		VLSR2-PC
VLSR3-PC	GRE5	10.4.5.2		ES2
ES2	GRE5	10.4.5.1		VLSR3-PC
NARB	GRE6	10.4.6.1		VLSR2-PC
VLSR3-PC	GRE13	10.3.13.1		Yellow-VLSR1-PC
VLSR3-PC	GRE14	10.4.14.2		Red-VLSR3-PC
NARB	GRE24	10.4.24.2		Red NARB
NARB	GRE23	10.3.23.1		Yellow NARB





Data Plane ID	Ctrl Link	End Pt A	Port/Interface	TE-Addr	End Pt Z	Port/Interface	TE-Addr
Red D1	GRE1	ES1	eth1	11.1.1.1	VLSR1-SW	3	11.1.1.2
Red D2	GRE2	VLSR1-SW	4	11.1.2.1	VLSR2-SW	3	11.1.2.2
Red D3	GRE3	VLSR1-SW	5	11.1.3.1	VLSR3-SW	5	11.1.3.2
Red D4	GRE4	VLSR2-SW	4	11.1.4.1	VLSR3-SW	4	11.1.4.2
Red D5	GRE5	ES2	eth1	11.1.5.2	VLSR3-SW	3	11.1.5.1
D11	GRE11	Red-VLSR3-SW	6	11.1.11.1	Blue-VLSR1-SW	6	11.1.11.2
D14	GRE14	Red-VLSR3-SW	7	11.4.14.2	Green-VLSR3-SW	7	11.4.14.1
Blue D1	GRE1	ES1	eth1	11.2.1.1	VLSR1-SW	3	11.2.1.2
Blue D2	GRE2	VLSR1-SW	4	11.2.2.1	VLSR2-SW	3	11.2.2.2
Blue D3	GRE3	VLSR1-SW	5	11.2.3.1	VLSR3-SW	5	11.2.3.2
Blue D4	GRE4	VLSR2-SW	4	11.2.4.1	VLSR3-SW	4	11.2.4.2
Blue D5	GRE5	ES2	eth1	11.2.5.2	VLSR3-SW	3	11.2.5.1
D11	GRE11	Blue-VLSR1-SW	6	11.1.11.2	Red-VLSR3-SW	6	11.1.11.1
D12	GRE12	Blue-VLSR3-SW	6	11.2.12.1	Yellow-VLSR2-SW	5	11.2.12.2
Yellow D1	GRE1	ES1	eth1	11.3.1.1	VLSR1-SW	3	11.3.1.2
Yellow D2	GRE2	VLSR1-SW	4	11.3.2.1	VLSR2-SW	3	11.3.2.2
Yellow D3	GRE3	VLSR1-SW	5	11.3.3.1	VLSR3-SW	5	11.3.3.2
Yellow D4	GRE4	VLSR2-SW	4	11.3.4.1	VLSR3-SW	4	11.3.4.2
Yellow D5	GRE5	ES2	eth1	11.3.5.2	VLSR3-SW	3	11.3.5.1
D12	GRE12	Yellow-VLSR2-SW	5	11.2.12.2	Blue-VLSR3-SW	6	11.2.12.1
D13	GRE13	Yellow-VLSR1-SW	6	11.3.13.1	Green-VLSR3-SW	6	11.3.13.2
Green D1	GRE1	ES1	eth1	11.4.1.1	VLSR1-SW	3	11.4.1.2
Green D2	GRE2	VLSR1-SW	4	11.4.2.1	VLSR2-SW	3	11.4.2.2
Green D3	GRE3	VLSR1-SW	5	11.4.3.1	VLSR3-SW	5	11.4.3.2
Green D4	GRE4	VLSR2-SW	4	11.4.4.1	VLSR3-SW	4	11.4.4.2
Green D5	GRE5	ES2	eth1	11.4.5.2	VLSR3-SW	3	11.4.5.1
D14	GRE14	Green-VLSR3-SW	7	11.4.14.1	Red-VLSR3-SW	7	11.4.14.2
D13	GRE13	Green-VLSR3-SW	6	11.3.13.2	Yellow-VLSR1-SW	6	11.3.13.1

TE-Addrs Worksheet

Data Plane ID	Ctrl Link	End Pt A	Port/Interface	TE-Addr	End Pt Z	Port/Interface	TE-Addr
---------------	-----------	----------	----------------	---------	----------	----------------	---------

Red D1	GRE1	ES1	eth1	11.1.1.1	VLSR1-SW	3	11.1.1.2
Red D2	GRE2	VLSR1-SW	4	11.1.2.1	VLSR2-SW	3	11.1.2.2
Red D3							
Red D4							
Red D5							
D11							
D14							

Blue D1	GRE1	ES1	eth1	11.2.1.1	VLSR1-SW	3	11.2.1.2
Blue D2	GRE2	VLSR1-SW	4	11.2.2.1	VLSR2-SW	3	11.2.2.2
Blue D3							
Blue D4							
Blue D5							
D11							
D12							

Yellow D1	GRE1	ES1	eth1	11.3.1.1	VLSR1-SW	3	11.3.1.2
Yellow D2	GRE2	VLSR1-SW	4	11.3.2.1	VLSR2-SW	3	11.3.2.2
Yellow D3							
Yellow D4							
Yellow D5							
D12							
D13							

Green D1	GRE1	ES1	eth1	11.4.1.1	VLSR1-SW	3	11.4.1.2
Green D2	GRE2	VLSR1-SW	4	11.4.2.1	VLSR2-SW	3	11.4.2.2
Green D3							
Green D4							
Green D5							
D14							
D13							

Management				
	GW1	192.168/16	254.254 eth0	
			1.1 eth0:1	
			2.1 eth0:2	
			3.1 eth0:3	
			4.1 eth0:4	
	GW2	local public addr	DHCP eth1	
			254.253 eth0	
		local public addr	eth1	
	SW1		254.252 g1	VLAN1
	SW2		254.251 g1	VLAN1

Red		192.168.1/24		
	GW		1 Eth0	
	ES1		2 Eth0	
	VLSR1-SW		3	1
	VLSR1-PC		4 Eth0	
	VLSR2-SW		5	1
	VLSR2-PC		6 Eth0	
	VLSR3-SW		7	1
	VLSR3-PC		8 Eth0	
	ES2		9 Eth0	
	NARB		10 Eth0	

Blue		192.168.2/24		
	GW		1 Eth0	
	ES1		2 Eth0	
	VLSR1-SW		3	1
	VLSR1-PC		4 Eth0	
	VLSR2-SW		5	1
	VLSR2-PC		6 Eth0	
	VLSR3-SW		7	1
	VLSR3-PC		8 Eth0	
	ES2		9 Eth0	
	NARB		10 Eth0	

Yellow		192.168.3/24		
	GW		1 Eth0	
	ES1		2 Eth0	
	VLSR1-SW		3	1
	VLSR1-PC		4 Eth0	
	VLSR2-SW		5	1
	VLSR2-PC		6 Eth0	
	VLSR3-SW		7	1
	VLSR3-PC		8 Eth0	
	ES2		9 Eth0	
	NARB		10 Eth0	

Green		192.168.4/24		
	GW		1 Eth0	
	ES1		2 Eth0	
	VLSR1-SW		3	1
	VLSR1-PC		4 Eth0	
	VLSR2-SW		5	1
	VLSR2-PC		6 Eth0	
	VLSR3-SW		7	1
	VLSR3-PC		8 Eth0	
	ES2		9 Eth0	
	NARB		10 Eth0	