Andrea Mara Weber RA:2079852
Rede IPV4: 200.200.52.0/24
Rede IPV6: 2001:DB8:ACAD:3400::/56

Tarefa 1: Sub-redes

Sub-rede	IPV6 Sub-rede	IPV4 Sub-rede	IPV4 Máscara	IPV4 Broadcast
Matriz	2001:DB8:ACAD:**34** *00* ::/64	200.200.**52**.0	255.255.255.192	200.200.52.63
Filial 1	2001:DB8:ACAD:**34** *01* ::/64	200.200.**52**.64	255.255.255.224	200.200.52.95
Filial 2	2001:DB8:ACAD:**34** *02* ::/64	200.200.**52**.96	255.255.255.224	200.200.52.127
Filial 3	2001:DB8:ACAD:**34** *03* ::/64	200.200.**52**.128	255.255.255.224	200.200.52.159
Filial 4	2001:DB8:ACAD:**34** *04* ::/64	200.200.**52**.160	255.255.255.224	200.200.52.192
Filial 5	2001:DB8:ACAD:**34** *05* ::/64	200.200.**52**.192	255.255.255.224	200.200.52.223
pb-vit	2001:DB8:ACAD:**34**FF:: *00* :0/112	200.200.**52**.224	255.255.255.252	200.200.52.227
vit-fb	2001:DB8:ACAD:**34**FF:: *01* :0/112	200.200.**52**.228	255.255.255.252	200.200.52.231
fb-ita	2001:DB8:ACAD:**34**FF:: *02* :0/112	200.200.**52**.232	255.255.255.252	200.200.52.235
ita-pb	2001:DB8:ACAD:**34**FF:: *03* :0/112	200.200.**52**.236	255.255.255.252	200.200.52.239
cv-ita	2001:DB8:ACAD:**34**FF:: *04* :0/112	200.200.**52**.240	255.255.255.252	200.200.52.243

Tarefa 2: Endereçamento

Dispositivo	Interface	IPV4	IPV4-Mask	IPV4-gateway	IPV6 (GUA)	IPV6 (LLA)	IPTV6-gateway
PC1	NIC	200.200.52.3	255.255.255.192	200.200.52.1	2001:DB8:ACAD:**34** *00* ::3/64	EUI-64	FE80::1
PC2	NIC	200.200.52.4	255.255.255.192	200.200.52.1	2001:DB8:ACAD:**34** *00* ::4/64	EUI-64	FE80::1
PC3	NIC	200.200.52.67	255.255.255.224	200.200.52.65	2001:DB8:ACAD:**34** *01* ::3/64	EUI-64	FE80::1
PC4	NIC	200.200.52.68	255.255.255.224	200.200.52.65	2001:DB8:ACAD:**34** *01* ::4/64	EUI-64	FE80::1
PC5	NIC	200.200.52.99	255.255.255.224	200.200.52.97	2001:DB8:ACAD:**34** *02* ::3/64	EUI-64	FE80::1
PC6	NIC	200.200.52.100	255.255.255.224	200.200.52.97	2001:DB8:ACAD:**34** *02* ::4/64	EUI-64	FE80::1
Switch-Matriz	SVI	200.200.52.2	255.255.255.192	200.200.52.1	-	EUI-64	-
Switch-Filial 1	SVI	200.200.52.66	255.255.255.224	200.200.52.65	-	EUI-64	-

Switch-Filial 2	SVI	200.200.52.98	255.255.255.224	200.200.52.97	-	EUI-64	-
Roteador-Pato Branco	Fa0/0	200.200.52.1	255.255.255.192	-	2001:DB8:ACAD:**34** *00* ::1/64	FE80::1	-
Roteador-Pato Branco	Se0/0/0	200.200.52.225	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *00* :1/112	EUI-64	-
Roteador-Pato Branco	Se0/0/1	200.200.52.238	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *03* :2/112	EUI-64	-
Roteador-Fco. Beltrão	Fa0/0	200.200.52.65	255.255.255.224	-	2001:DB8:ACAD:**34** *00* ::1/64	FE80::1	-
Roteador-Fco. Beltrão	Se0/0/0	200.200.52.233	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *02* :1/112	EUI-64	-
Roteador-Fco. Beltrão	Se0/0/1	200.200.52.230	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *01* :2/112	EUI-64	-
Roteador-Vitorino	Se0/0/1	200.200.52.226	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *00* :2/112	EUI-64	-
Roteador-Vitorino	Se0/0/0	200.200.52.229	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *01* :1/112	EUI-64	-
Roteador-Itapejara	Se0/0/0	200.200.52.237	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *03* :1/112	EUI-64	-
Roteador-Itapejara	Fa0/1	200.200.52.241	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *04* :1/112	EUI-64	-
Roteador-Itapejara	Se0/0/1	200.200.52.234	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *02* :2/112	EUI-64	-
Roteador-Coronel	Fa0/0	200.200.52.97	255.255.255.224	-	2001:DB8:ACAD:**34** *02* ::1/64	FE80::1	-
Roteador-Coronel	Fa0/1	200.200.52.242	255.255.255.252	-	2001:DB8:ACAD:**34**FF:: *04* :2/112	EUI-64	-

Sub-rede	IPV6 Sub-rede	IPV4 Sub-rede	IPV4 Máscara	IPV4 Broadcast
Matriz	2001:DB8:ACAD:**34** *00* ::/64	200.200.**52**.0	255.255.255.192	200.200.52.63
Filial 1	2001:DB8:ACAD:**34** *01* ::/64	200.200.**52**.64	255.255.255.224	200.200.52.95
Filial 2	2001:DB8:ACAD:**34** *02* ::/64	200.200.**52**.96	255.255.255.224	200.200.52.127
Filial 3	2001:DB8:ACAD:**34** *03* ::/64	200.200.**52**.128	255.255.255.224	200.200.52.159
Filial 4	2001:DB8:ACAD:**34** *04* ::/64	200.200.**52**.160	255.255.255.224	200.200.52.192
Filial 5	2001:DB8:ACAD:**34** *05* ::/64	200.200.**52**.192	255.255.255.224	200.200.52.223
pb-vit	2001:DB8:ACAD:**34**FF:: *00* :0/112	200.200.**52**.224	255.255.255.252	200.200.52.227

Sub-rede	IPV6 Sub-rede	IPV4 Sub-rede	IPV4 Máscara	IPV4 Broadcast
Matriz	2001:DB8:ACAD:**34** *00* ::/64	200.200.**52**.0	255.255.255.192	200.200.52.63
Filial 1	2001:DB8:ACAD:**34** *01* ::/64	200.200.**52**.64	255.255.255.224	200.200.52.95
vit-fb	2001:DB8:ACAD:**34**FF:: *01* :0/112	200.200.**52**.228	255.255.255.252	200.200.52.231
fb-ita	2001:DB8:ACAD:**34**FF:: *02* :0/112	200.200.**52**.232	255.255.255.252	200.200.52.235
ita-pb	2001:DB8:ACAD:**34**FF:: *03* :0/112	200.200.**52**.236	255.255.255.252	200.200.52.239
cv-ita	2001:DB8:ACAD:**34**FF:: *04* :0/112	200.200.**52**.240	255.255.255.252	200.200.52.243

Tarefa 3: Roteamentos
Roteador Pato Branco
Roteamento: IPV4

Rede destino	Máscara	Next Hop	Interface saída
200.200.52.240	255.255.255.252	200.200.52.226	Se0/0/0
200.200.**52**.64	255.255.255.224	200.200.52.226	Se0/0/0
200.200.**52**.96	255.255.255.224	200.200.52.226	Se0/0/0
200.200.52.228	255.255.255.252	200.200.52.226	Se0/0/0
200.200.52.232	255.255.255.252	200.200.52.226	Se0/0/0

Roteamento: IPV6

Rede destino	Next Hop	Interface saída
2001:DB8:ACAD:**34**FF:: *04* :0/112	2001:DB8:ACAD:34FF:: *00* :2/112	Se0/0/0
2001:DB8:ACAD:3401 ::/64	2001:DB8:ACAD:**34**FF:: *00* :2/112	Se0/0/0
2001:DB8:ACAD:**34** *02* ::/64	2001:DB8:ACAD:**34**FF:: *00* :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 01 :0/112	2001:DB8:ACAD:**34**FF:: *00* :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 02 :0/112	2001:DB8:ACAD:**34**FF:: *00* :2/112	Se0/0/0

Roteador Francisco Beltrão
Roteamento: IPV4

Rede destino	Máscara	Next Hop	Interface saída
200.200.52.240	255.255.255.252	200.200.52.234	Se0/0/0
200.200.52.236	255.255.255.252	200.200.52.234	Se0/0/0

200.200.**52**.0	255.255.255.192	200.200.52.234	Se0/0/0
200.200.**52**.96	255.255.255.224	200.200.52.234	Se0/0/0
200.200.**52**.224	255.255.255.252	200.200.52.234	Se0/0/0

Roteamento: IPV6

Rede destino	Next Hop	Interface saída
2001:DB8:ACAD:34FF:: 04 :0/112	2001:DB8:ACAD:**34**FF:: 02 :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 03 :0/112	2001:DB8:ACAD:**34**FF:: 02 :2/112	Se0/0/0
2001:DB8:ACAD:34 00 ::/64	2001:DB8:ACAD:**34**FF:: 02 :2/112	Se0/0/0
2001:DB8:ACAD:34 02 ::/64	2001:DB8:ACAD:**34**FF:: 02 :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 00 :0/112	2001:DB8:ACAD:**34**FF:: 02 :2/112	Se0/0/0

Roteador Vitorino
Roteamento:IPV4

Rede destino	Máscara	Next Hop	Interface saída
200.200.**52**.64	255.255.255.224	200.200.52.230	Se0/0/0
200.200.52.232	255.255.255.252	200.200.52.230	Se0/0/0
200.200.52.240	255.255.255.252	200.200.52.230	Se0/0/0
200.200.**52**.96	255.255.255.224	200.200.52.230	Se0/0/0
200.200.52.236	255.255.255.252	200.200.52.230	Se0/0/0
200.200.**52**.0	255.255.255.192	200.200.52.230	Se0/0/0

Roteamento:IPV6

Rede destino	Next Hop	Interface saída
2001:DB8:ACAD:**34** 01 ::/64	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 02 :0/112	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 04 :0/112	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0
2001:DB8:ACAD:**34** 02 ::/64	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 03 :0/112	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0
2001:DB8:ACAD:**34** 00 ::/64	2001:DB8:ACAD:**34**FF:: 01 :2/112	Se0/0/0

Roteador Itapejara
Roteamento: IPV4

Rede destino	Máscara	Next Hop	Interface saída
200.200.**52**.96	255.255.255.224	200.200.52.242	Fa0/1
200.200.**52**.0	255.255.255.192	200.200.52.238	Se0/0/0
200.200.**52**.64	255.255.255.224	200.200.52.238	Se0/0/0
200.200.**52**.224	255.255.255.252	200.200.52.238	Se0/0/0
200.200.52.228	255.255.255.252	200.200.52.238	Se0/0/0

Roteamento: IPV6

Rede destino	Next Hop	Interface saída
2001:DB8:ACAD:**34** *02* ::/64	2001:DB8:ACAD:34FF:: 04 :2/112	Fa0/1
2001:DB8:ACAD:**34** *00* ::/64	2001:DB8:ACAD:**34**FF:: *03* :2/112	Se0/0/0
2001:DB8:ACAD:**34** *01* ::/64	2001:DB8:ACAD:**34**FF:: *03* :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 00 :0/112	2001:DB8:ACAD:**34**FF:: *03* :2/112	Se0/0/0
2001:DB8:ACAD:34FF:: 01 :0/112	2001:DB8:ACAD:**34**FF:: *03* :2/112	Se0/0/0

Roteador Coronel Vivida
Roteamento: IPV4

Rede destino	Máscara	Next Hop	Interface saída
200.200.52.236	255.255.255.252	200.200.52.241	Fa0/1
200.200.**52**.0	255.255.255.192	200.200.52.241	Fa0/1
200.200.52.224	255.255.255.252	200.200.52.241	Fa0/1
200.200.52.228	255.255.255.252	200.200.52.241	Fa0/1
200.200.**52**.64	255.255.255.224	200.200.52.241	Fa0/1
200.200.52.232	255.255.255.252	200.200.52.241	Fa0/1

Roteamento: IPV6

Rede destino	Next Hop	Interface saída
2001:DB8:ACAD:34FF:: 03 :0/112	2001:DB8:ACAD:**34**FF:: *04* :1/112	Fa0/1
2001:DB8:ACAD:**34** *00* ::/64	2001:DB8:ACAD:**34**FF:: *04* :1/112	Fa0/1
2001:DB8:ACAD:34FF:: 00 :0/112	2001:DB8:ACAD:**34**FF:: *04* :1/112	Fa0/1
2001:DB8:ACAD:34FF:: 01 :0/112	2001:DB8:ACAD:**34**FF:: *04*	Fa0/1

	:1/112	
2001:DB8:ACAD:34 01 ::/64	2001:DB8:ACAD:**34**FF:: *04* :1/112	Fa0/1
2001:DB8:ACAD:34FF:: 02 :0/112	2001:DB8:ACAD:**34**FF:: *04* :1/112	Fa0/1