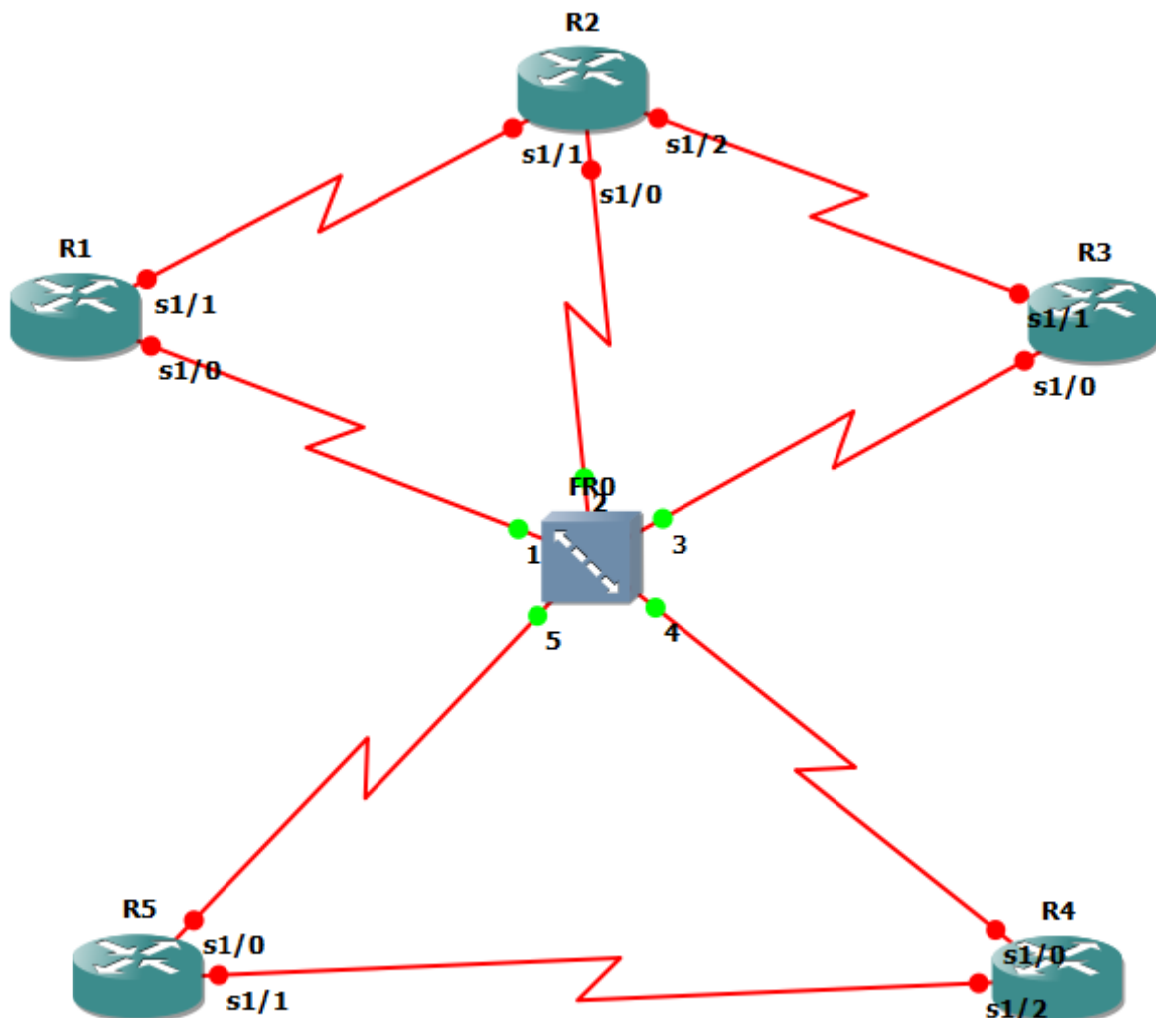


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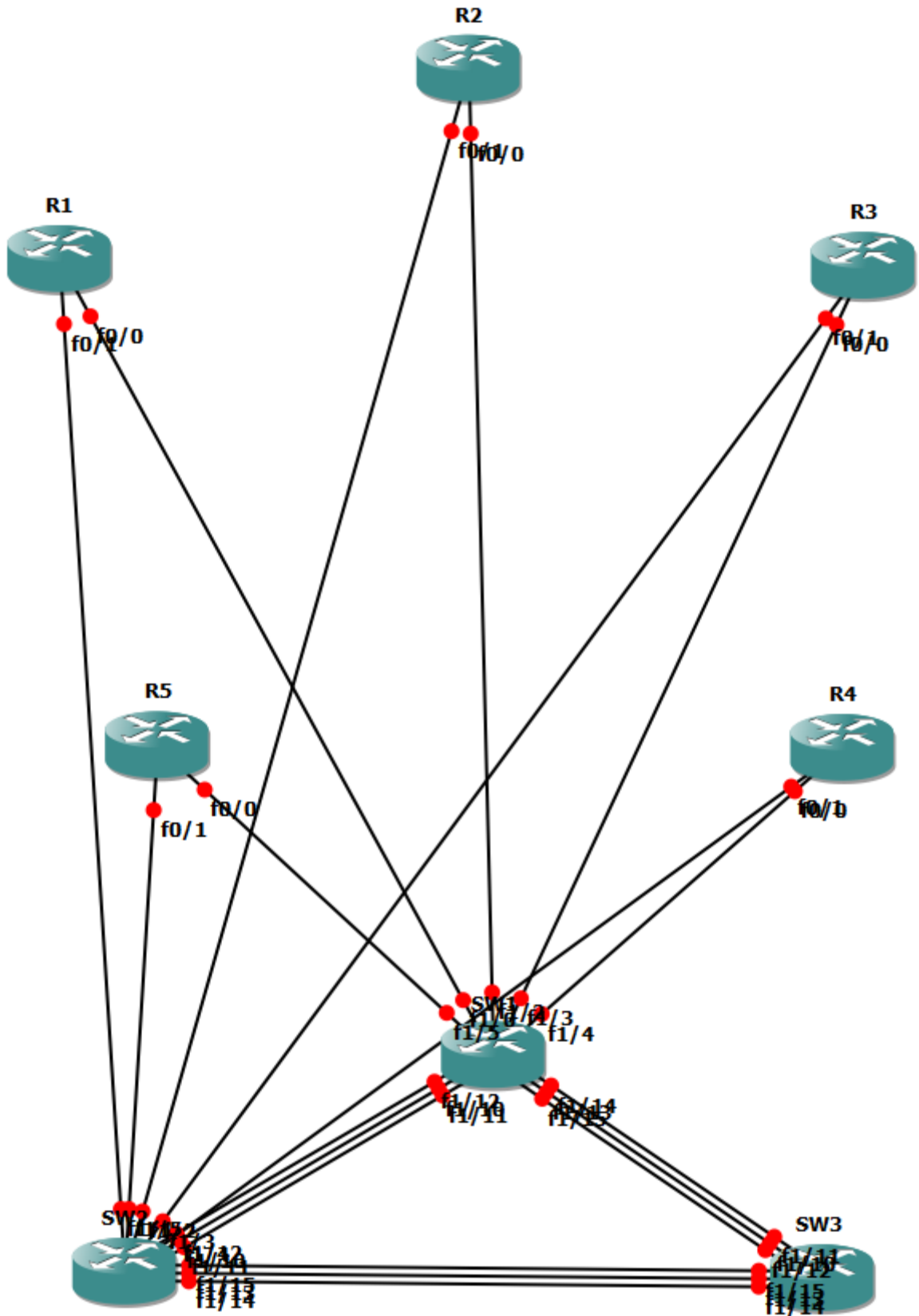
This PDF will show you the WAN and LAN topology used in the Free CCNA Workbooks Labs. This topology was generated with GNS3 but you can physically create this topology if you wish using Cisco 2611XM's populated with NM-4A/S in routers 1-5 and 3x 2950-24 port Catalyst Series switches. You can use a Cisco 2610 populated with a NM-8A/S as a Frame Relay Switch.

Shown below is the WAN topology for the Free CCNA Workbook. This topology shows the Serial links between devices, (The T1 connections between different routers)



Frame Relay Switch Configuration					
Local Router	Local Interface	Local DLCI	Remote Router	Remote Interface	Remote DLCI
R1	Serial 1/0	122	R2	Serial 1/0	221
R1	Serial 1/0	123	R3	Serial 1/0	321
R1	Serial 1/0	124	R4	Serial 1/0	421
R1	Serial 1/0	125	R5	Serial 1/0	521
R2	Serial 1/0	221	R1	Serial 1/0	122
R2	Serial 1/0	223	R3	Serial 1/0	322
R2	Serial 1/0	224	R4	Serial 1/0	422
R2	Serial 1/0	225	R5	Serial 1/0	522
R3	Serial 1/0	321	R1	Serial 1/0	123
R3	Serial 1/0	322	R2	Serial 1/0	223
R3	Serial 1/0	324	R4	Serial 1/0	423
R3	Serial 1/0	325	R5	Serial 1/0	523
R4	Serial 1/0	421	R1	Serial 1/0	124
R4	Serial 1/0	422	R2	Serial 1/0	224
R4	Serial 1/0	423	R3	Serial 1/0	324
R4	Serial 1/0	425	R5	Serial 1/0	524
R5	Serial 1/0	521	R1	Serial 1/0	125
R5	Serial 1/0	522	R2	Serial 1/0	225
R5	Serial 1/0	523	R3	Serial 1/0	325
R5	Serial 1/0	524	R4	Serial 1/0	425

Serial Point to Point Links			
Local Router	Local Interface	Remote Router	Remote Interface
R1	Serial 1/1	R2	Serial 1/1
R2	Serial 1/1	R1	Serial 1/1
R2	Serial 1/2	R3	Serial 1/1
R3	Serial 1/1	R2	Serial 1/2
R4	Serial 1/1	R5	Serial 1/1
R5	Serial 1/1	R4	Serial 1/1



LAN Links (Router to Switch)			
Router	Local Interface	Switch	Remote Interface
R1	FastEthernet 0/0	Switch 1	FastEthernet 0/1
R1	FastEthernet 0/1	Switch 2	FastEthernet 0/1
R2	FastEthernet 0/0	Switch 1	FastEthernet 0/2
R2	FastEthernet 0/1	Switch 2	FastEthernet 0/2
R3	FastEthernet 0/0	Switch 1	FastEthernet 0/3
R3	FastEthernet 0/1	Switch 2	FastEthernet 0/3
R4	FastEthernet 0/0	Switch 1	FastEthernet 0/4
R4	FastEthernet 0/1	Switch 2	FastEthernet 0/4
R5	FastEthernet 0/0	Switch 1	FastEthernet 0/5
R5	FastEthernet 0/1	Switch 2	FastEthernet 0/5

Inter-Switch Links (Switch to Switch)			
Local Switch	Local Interface	Remote Switch	Remote Interface
Switch 1	FastEthernet 0/10	Switch 2	FastEthernet 0/10
Switch 1	FastEthernet 0/11	Switch 2	FastEthernet 0/11
Switch 1	FastEthernet 0/12	Switch 2	FastEthernet 0/12
Switch 1	FastEthernet 0/13	Switch 3	FastEthernet 0/10
Switch 1	FastEthernet 0/14	Switch 3	FastEthernet 0/11
Switch 1	FastEthernet 0/15	Switch 3	FastEthernet 0/12
Switch 2	FastEthernet 0/10	Switch 1	FastEthernet 0/10
Switch 2	FastEthernet 0/11	Switch 1	FastEthernet 0/11
Switch 2	FastEthernet 0/12	Switch 1	FastEthernet 0/12
Switch 2	FastEthernet 0/13	Switch 3	FastEthernet 0/13
Switch 2	FastEthernet 0/14	Switch 3	FastEthernet 0/14
Switch 2	FastEthernet 0/15	Switch 3	FastEthernet 0/15
Switch 3	FastEthernet 0/10	Switch 1	FastEthernet 0/13
Switch 3	FastEthernet 0/11	Switch 1	FastEthernet 0/14
Switch 3	FastEthernet 0/12	Switch 1	FastEthernet 0/15
Switch 3	FastEthernet 0/13	Switch 2	FastEthernet 0/13
Switch 3	FastEthernet 0/14	Switch 2	FastEthernet 0/14
Switch 3	FastEthernet 0/15	Switch 2	FastEthernet 0/15