Subnet	Mask	Network Address	Directed Broadcast
A	/16	1.1.0.0	1.1.255.255
B	/16	2.2.0.0	
C	/24	4.4.1.0	
D	/24	4.4.2.0	
E	/16	3.3.0.0	
F	/22	3.3.28.0	
G	/22	3.3.16.0	

Device	If	HW	IP
R1	1	f1:e2:d3:c4:b5:a6	2.2.1.5
R2	0	12:34:56:aa:bb:cc	1.1.1.1
R2	1	34:56:78:bb:cc:dd	2.2.1.1
R3	0	56:78:90:cc:dd:ee	2.2.1.2
R3	1	a1:b2:c3:d4:e5:f6	4.4.1.10
R3	2	9a:8b:7c:6d:5e:4f	4.4.2.20
R4	0	12:34:56:01:23:45	2.2.1.3
R4	1	12:34:56:99:88:77	3.3.1.1
R5	0	11:22:33:44:55:66	3.3.1.2
R5	1	aa:bb:cc:dd:ee:ff	3.3.28.1
R6	0	99:88:77:66:55:44	3.3.1.3
R6	1	a1:b2:c3:01:23:34	3.3.17.4
H1	0	f4:f5:f6:65:43:21	1.1.1.27
H2	0	a9:a8:a7:b1:b2:b3	4.4.1.156

Router	R2	Router	R3
Destination	Next Router	Destination	Next Router
1.1.0.0/16	direct		
2.2.0.0/16	direct		
4.4.1.0/24	2.2.1.2		
4.4.2.0/24	2.2.1.2		
3.3.0.0/16	2.2.1.3		
*	2.2.1.5		

Router	R4	Router	R5
Destination	Next Router	Destination	Next Router

Host	H1	Host	H2
Destination	Next Router	Destination	Next Router