

## IPv4 ADDRESSING SCHEME – Lab 8

Figure 1 below displays the addressing plan to be used for Lab 8. The plan itself is explained in the notes accompanying the workshop Lab notes.

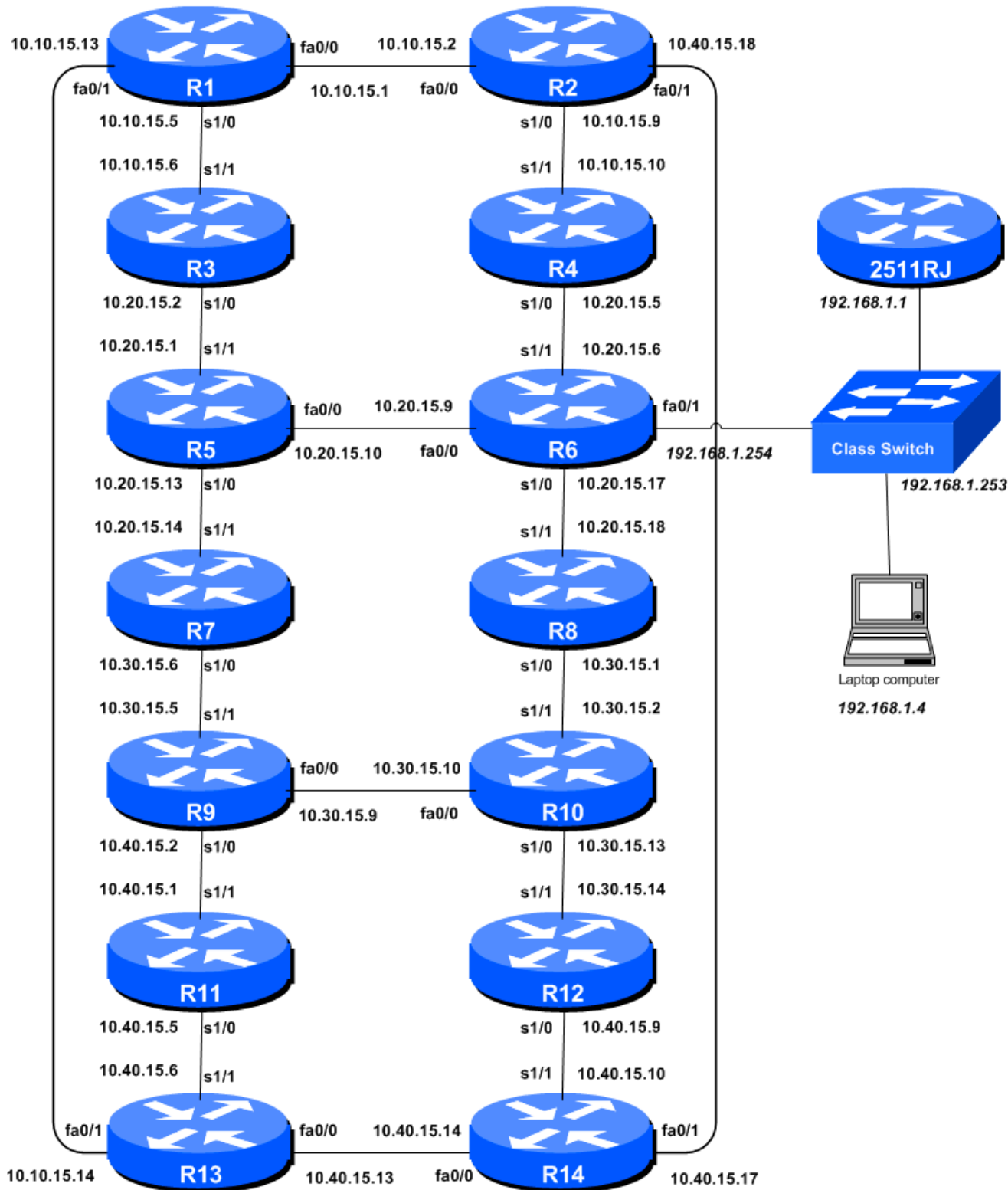


Figure 1 - Addressing Scheme for Lab 8

## IPv4 Addresses – Lab 8

ASN	Address Block
10	10.10.0.0/20
20	10.20.0.0/20

ASN	Address Block
30	10.30.0.0/20
40	10.40.0.0/20

**Table 1 – IPv4 Address Blocks assigned to each ASN, Lab 8**

Router	Loopback Address
R1	10.10.15.224
R2	10.10.15.225
R3	10.10.15.226
R4	10.20.15.224
R5	10.20.15.225
R6	10.20.15.226
R7	10.20.15.227

Router	Loopback Address
R8	10.30.15.224
R9	10.30.15.225
R10	10.30.15.226
R11	10.40.15.224
R12	10.40.15.225
R13	10.40.15.226
R14	10.40.15.227

**Table 2 – IPv4 Loopback Address assigned to each Router, Lab 8**

Router	“Customer” Address
R1	10.10.0.0/26
R2	10.10.0.64/26
R3	10.10.0.128/26
R4	10.20.0.0/26
R5	10.20.0.64/26
R6	10.20.0.128/26
R7	10.20.0.192/26

Router	“Customer” Address
R8	10.30.0.0/26
R9	10.30.0.64/26
R10	10.30.0.128/26
R11	10.40.0.0/26
R12	10.40.0.64/26
R13	10.40.0.128/26
R14	10.40.0.192/26

**Table 3 – IPv4 “Customer” Address blocks assigned to each Router, Lab 8**