

APPENDIX – SUGGESTED IPv6 ADDRESSING SCHEME

While students are encouraged to generate their own IPv6 addressing scheme for the IPv6 workshop network, use the example in Figure 1 below as an aid.

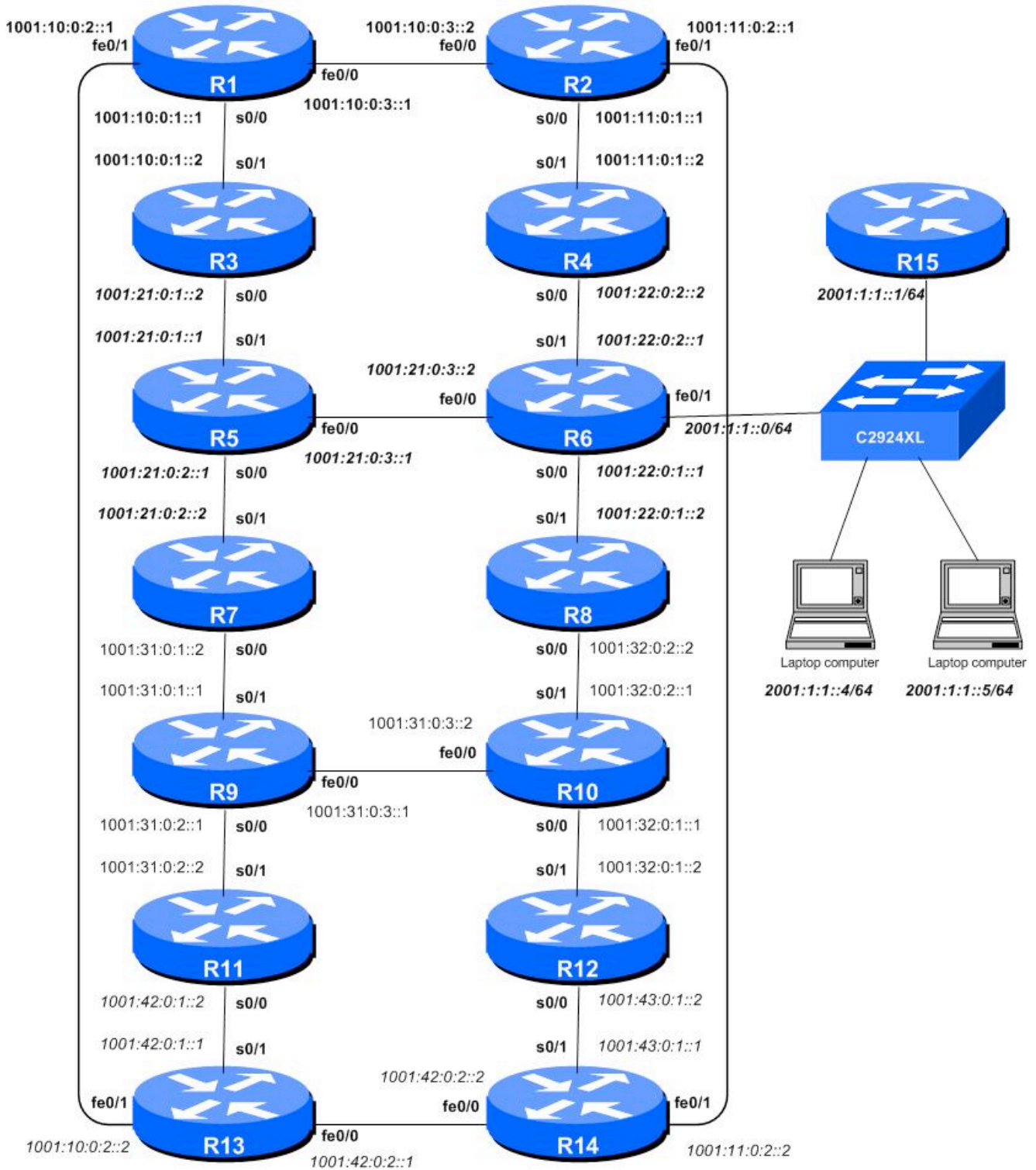


Figure 1 – Suggested addressing scheme

APPENDIX – IPv6 Address Blocks and Loopbacks

Router	Address Block
R1	1001:10::/32
R2	1001:11::/32
R3	1001:12::/31
R4	1001:20::/32
R5	1001:21::/32
R6	1001:22::/32
R7	1001:23::/32

Router	Address Block
R8	1001:30::/32
R9	1001:31::/32
R10	1001:32::/31
R11	1001:40::/32
R12	1001:41::/32
R13	1001:42::/32
R14	1001:43::/32

Chart 2 – IPv6 Address Blocks assigned to each Router

Router	Loopback Address
R1	1001:10::1/128
R2	1001:11::1/128
R3	1001:13::1/128
R4	1001:20::1/128
R5	1001:21::1/128
R6	1001:22::1/128
R7	1001:23::1/128

Router	Loopback Address
R8	1001:30::1/128
R9	1001:31::1/128
R10	1001:33::1/128
R11	1001:40::1/128
R12	1001:41::1/128
R13	1001:42::1/128
R14	1001:43::1/128

Chart 3 – IPv6 Loopback Address assigned to each Router