

IPv6 Address Plan of APNIC Lab

IPv6 Loopback Address Table

Router	IPv6 Loopback Address
R1	2406:6400::1/128
R2	2406:6400::2/128
R3	2406:6400::3/128
R4	2406:6400::4/128
R5	2406:6400::5/128
R6	2406:6400::6/128
R7	2406:6400::7/128
R8	2406:6400::8/128
R9	2406:6400::9/128
R10	2406:6400::10/128
R11	2406:6400::11/128
R12	2406:6400::12/128

IPv6 PtP & Transport Address Table

PtP & Transport	Address Block
R1<->R2	2406:6400:1:0::2/127
R2<->R3	2406:6400:1:1::2/127
R1<->R3	2406:6400:1:2::2/127
R4<->R5	2406:6400:1:3::2/127
R5<->R6	2406:6400:1:4::2/127
R4<->R6	2406:6400:1:5::2/127
R7<->R8	2406:6400:1:6::2/127
R8<->R9	2406:6400:1:7::2/127
R7<->R9	2406:6400:1:8::2/127
R10<->R11	2406:6400:1:9::2/127
R11<->R12	2406:6400:1:A::2/127
R10<->R12	2406:6400:1:B::2/127
Purple transport	2406:6400:1:10::/64
Green transport	2406:6400:1:11::/64

IPv6 DataCenter Address Blocks

DateCenter	Address Block
DC1 (connected to R2)	2406:6400:0002::/48
DC2 (connected to R5)	2406:6400:0003::/48
DC3 (connected to R8)	2406:6400:0004::/48
DC4 (connected to R11)	2406:6400:0005::/48

IPv6 Customer WAN Link Address Blocks

Customer WAN Link	Address Block
R1<->R13	2406:6400:100:0::2/127
R3<->R14	2406:6400:100:4::2/127
R4<->R15	2406:6400:100:1::2/127
R6<->R16	2406:6400:100:5::2/127
R7<->R17	2406:6400:100:2::2/127
R9<->R18	2406:6400:100:6::2/127
R10<->R19	2406:6400:100:3::2/127
R12<->R20	2406:6400:100:7::2/127

IPv6 Customer Blocks

Customer Router	Customer Blocks
R13-CAR1	2406:6400:0101::/48
R14-CBR1	2406:6400:0102::/48
R15-CAR2	2406:6400:8100::/48
R16-CBR2	2406:6400:8101::/48
R17-CAR3	2406:6400:0300::/48
R18-CBR3	2406:6400:0301::/48
R19-CAR4	2406:6400:8300::/48
R20-CBR4	2406:6400:8301::/48