IPv4 Reserved Addresses:

| **Address Range** | **Name** |
| --- | --- |
| 0.0.0.0 - 0.255.255.255 | Unspecified Address |
| 10.0.0.0 - 10.255.255.255 | Private-Use Networks (RFC 1918) |
| 100.64.0.0 - 100.127.255.255 | Shared Address Space (CGN) |
| 127.0.0.0 - 127.255.255.255 | Loopback |
| 169.254.0.0 - 169.254.255.255 | Link-Local |
| 172.16.0.0 - 172.31.255.255 | Private-Use Networks (RFC 1918) |
| 192.0.0.0 - 192.0.0.255 | IETF Protocol Assignments |
| 192.0.2.0 - 192.0.2.255 | Documentation (TEST-NET-1) |
| 192.88.99.0 - 192.88.99.255 | IPv6 to IPv4 Relay (6to4) |
| 192.168.0.0 - 192.168.255.255 | Private-Use Networks (RFC 1918) |
| 198.18.0.0 - 198.19.255.255 | Network Benchmark Tests |
| 198.51.100.0 - 198.51.100.255 | Documentation (TEST-NET-2) |
| 203.0.113.0 - 203.0.113.255 | Documentation (TEST-NET-3) |
| 224.0.0.0 - 239.255.255.255 | Multicast |
| 240.0.0.0 - 255.255.255.254 | Reserved for Future Use |
| 255.255.255.255 | Limited Broadcast Address |

IPv6 Reserved Addresses:

| **Address Range** | **Name** |
| --- | --- |
| ::1 | Loopback |
| ::/128 | Unspecified Address |
| ::ffff:0:0/96 | IPv4-mapped IPv6 Address |
| 2001:db8::/32 | Documentation (IPv6 TEST-NET) |
| 2002::/16 | 6to4 Relay Anycast |
| fc00::/7 | Unique Local Unicast |
| fe80::/10 | Link-Local Unicast |
| ff00::/8 | Multicast |