

| Address | Assigned Purpose |
|----------------|------------------------------|
| 224.0.0.1 | All Systems on this Subnet |
| 224.0.0.2 | All Routers on this Subnet |
| 224.0.0.5 | OSPF/IGMP All Routers |
| 224.0.0.6 | OSPF/IGMP Designated Routers |
| 224.0.0.9 | RIP2 Routers |
| 224.0.0.12 | DHCP Server / Relay Agent |
| 224.0.0.22 | IGMP |

Figure 15.3 Examples of IPv4 multicast address assignments. All the examples have a scope restricted to one network.