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	OSPFIGP All Routers
224.0.0.6	OSPFIGP 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.