Multicast Address Space

Large Block Assignments as per RFC 5771			
Address Range	**Size**	**Designation**	**General Description**
224.0.0.0 - 224.0.0.255	(/24)	Local Network Control Block	Protocol control traffic that is not forwarded off link (local network only.)
224.0.1.0 - 224.0.1.255	(/24)	Internetwork Control Block	Used for protocol control traffic that MAY be forwarded through the Internet such as NTP.
224.0.2.0 - 224.0.255.255	65024	AD-HOC Block I	Assigned by IANA for needs that don't fit in the first two categories. These addresses MAY be routed through the Internet.
224.1.0.0 - 224.1.255.255	(/16)	Reserved	
224.2.0.0 - 224.2.255.255	(/16)	SDP/ SAP Block	Used for SDP (Session Description Protocol) and SAP (Session Announcement Protocol) only.
224.3.0.0 - 224.4.255.255	(2 /16s)	AD-HOC Block II	Assigned by IANA for needs that don't fit in the first two categories. These addresses MAY be routed through the Internet.
224.5.0.0 - 224.255.255.255	(251 /16s)	Reserved	
225.0.0.0 - 231.255.255.255	(7 /8s)	Reserved	
232.0.0.0 - 232.255.255.255	(/8)	Source-Specific Multicast Block	SSM [RFC4607] is an extension of IP Multicast in which traffic is forwarded to receivers from only those multicast sources for which the receivers have explicitly expressed interest and is primarily targeted at one-to-many (broadcast) applications.
233.0.0.0 - 233.251.255.255	16515072	GLOP Block	Addresses in the GLOP Block are globally-scoped, statically-assigned addresses. The assignment is made, for a domain with a 16-bit Autonomous System Number (ASN), by mapping a domain's autonomous system number, expressed in octets as X.Y, into the middle two octets of the GLOP Block, yielding an assignment of 233.X.Y.0/24. The mapping and assignment is defined in [RFC3180]. Domains with a 32-bit ASN MAY apply for space in AD-HOC Block III, or consider using IPv6 multicast addresses.
233.252.0.0 - 233.255.255.255	(/14)	AD-HOC Block III	Assigned by IANA for needs that don't fit in the first two categories. These addresses MAY be routed through the Internet.
234.0.0.0 - 238.255.255.255	(5 /8s)	Reserved	
239.0.0.0 - 239.255.255.255	(/8)	Administratively Scoped Block	Addresses in the Administratively Scoped Block are for local use within a domain and are described in [RFC2365].