

# STANDARDS GROUP MAC PUBLIC LISTING

## IEEE Std 802.1Q Reserved Addresses

Group MAC address value	Organization using the value	Standards using the value	Notes
01-80-C2-00-00-00	IEEE 802	IEEE Std 802.1Q IEEE Std 802.1X IEEE Std 802.1AE IEEE Std 802.1AX	Bridge Group address Nearest Customer Bridge group address
01-80-C2-00-00-01	IEEE 802	IEEE Std 802.1Q	IEEE MAC-specific Control Protocols group address
01-80-C2-00-00-02	IEEE 802	IEEE Std 802.1Q IEEE Std 802.1AX	IEEE 802.3 Slow_Protocols_Multicast address
01-80-C2-00-00-03	IEEE 802	IEEE Std 802.1Q IEEE Std 802.1X IEEE Std 802.1AE IEEE Std 802.1AX IEEE Std 802.1BR	Nearest non-TPMR Bridge group address IEEE Std 802.1X PAE address
01-80-C2-00-00-04	IEEE 802	IEEE Std 802.1Q	IEEE MAC-specific Control Protocols group address
01-80-C2-00-00-05	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>
01-80-C2-00-00-06	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>
01-80-C2-00-00-07	IEEE 802	IEEE Std 802.1Q	MEF Forum ELMI protocol group address <sup>a</sup>
01-80-C2-00-00-08	IEEE 802	IEEE Std 802.1Q	Provider Bridge group address
01-80-C2-00-00-09	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>
01-80-C2-00-00-0A	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>
01-80-C2-00-00-0B	IEEE 802	IEEE Std 802.1Q IEEE Std 802.1X IEEE Std 802.1AE	EDE-SS PEP Address
01-80-C2-00-00-0C	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>
01-80-C2-00-00-0D	IEEE 802	IEEE Std 802.1Q	Provider Bridge MVRP address
01-80-C2-00-00-0E	IEEE 802	IEEE Std 802.1Q IEEE Std 802.1X IEEE Std 802.1AE IEEE Std 802.1AS	Individual LAN Scope group address <sup>b</sup> Nearest Bridge group address
01-80-C2-00-00-0F	IEEE 802	IEEE Std 802.1Q	<i>Reserved for future standardization</i>

<sup>a</sup>This address is not exclusively reserved for this purpose; other uses are reserved for future standardization.

<sup>b</sup>It is intended that no IEEE 802.1 relay device will be defined that will forward frames that carry this destination address.

## Standard Group MAC Addresses

Group MAC address value	Organization using the value	Standards using the value	Notes
01-80-C2-00-00-00 — 01-80-C2-00-00-0F	IEEE 802	IEEE Std 802.1Q	IEEE Std 802.1Q reserved addresses (See Table 1)
01-80-C2-00-00-10	IEEE 802	IEEE Std 802.1D	All LANs Bridge Management Group Address (deprecated)
01-80-C2-00-00-11	IEEE 802	IEEE Std 802.1E	Load Server Generic Address
01-80-C2-00-00-12	IEEE 802	IEEE Std 802.1E	Loadable Device Generic Address
01-80-C2-00-00-13	IEEE 1905	IEEE Std 1905.1	Transmission of IEEE 1905.1 control packets
01-80-C2-00-00-14	ISO/IEC JTC1/SC6	ISO/IEC 10589	All Level 1 Intermediate Systems Address
01-80-C2-00-00-15	ISO/IEC JTC1/SC6	ISO/IEC 10589	All Level 2 Intermediate Systems Address
01-80-C2-00-00-16	ISO/IEC JTC1/SC6	ISO/IEC 10030	All CONS End Systems Address
01-80-C2-00-00-17	ISO/IEC JTC1/SC6	ISO/IEC 10030	All CONS SNARES Address
01-80-C2-00-00-18	IEEE 802	IEEE Std 802.1B	Generic Address for All Manager Stations
01-80-C2-00-00-19	IEEE 802	IEEE Std 802.11aa	Groupcast with retries (GCR) MAC Group Address
01-80-C2-00-00-1A	IEEE 802	IEEE Std 802.1B	Generic Address for All Agent Stations
01-80-C2-00-00-1B	ISO/IEC JTC1/SC6	ISO/IEC 9542	All Multicast Capable End Systems Address
01-80-C2-00-00-1C	ISO/IEC JTC1/SC6	ISO/IEC 9542	All Multicast Announcements Address
01-80-C2-00-00-1D	ISO/IEC JTC1/SC6	ISO/IEC 9542	All Multicast Capable Intermediate Systems Address
01-80-C2-00-00-1E	ISO/IEC JTC1/SC6	ISO/IEC 8802-5	All DTR Concentrators MAC Group Address
01-80-C2-00-00-1F	IEEE 802	IEEE Std 802.1X IEEE Std 802.1AE	EDE-CC PEP Address
01-80-C2-00-00-20 — 01-80-C2-00-00-2F	IEEE 802	IEEE Std 802.1Q	Reserved for use by Multiple Registration Protocol (MRP) applications
01-80-C2-00-00-30 — 01-80-C2-00-00-3F	IEEE 802	IEEE Std 802.1Q	Destination group MAC addresses for CCM and Linktrace messages
01-80-C2-00-00-40 — 01-80-C2-00-00-4F	IETF	TRILL	Group MAC addresses used by the TRILL protocols
01-80-C2-00-00-50 — 01-80-C2-00-00-FF	<i>unassigned</i>		

01-80-C2-00-01-00	ISO/IEC JTC1/SC25	ISO/IEC 9314-6	Ring Management Directed Beacon Multicast Address
01-80-C2-00-01-01 — 01-80-C2-00-01-0F	ISO/IEC JTC1/SC25		Assigned to ISO/IEC JTC1/SC25 for future use
01-80-C2-00-01-10	ISO/IEC JTC1/SC25	ISO/IEC 9314-6	Status Report Frame Status Report Protocol Multicast Address
01-80-C2-00-01-11 — 01-80-C2-00-01-1F	ISO/IEC JTC1/SC25		Assigned to ISO/IEC JTC1/SC25 for future use
01-80-C2-00-01-20	ISO/IEC JTC1/SC25	ISO/IEC 9314-2	All FDDI Concentrator MACs
01-80-C2-00-01-21 — 01-80-C2-00-01-2F	ISO/IEC JTC1/SC25		Assigned to ISO/IEC JTC1/SC25 for future use
01-80-C2-00-01-30	ISO/IEC JTC1/SC25	ISO/IEC 9314-6	Synchronous Bandwidth Allocation Address
01-80-C2-00-01-31 — 01-80-C2-00-01-FF	ISO/IEC JTC1/SC25		Assigned to ISO/IEC JTC1/SC25 for future use
01-80-C2-00-02-00 — 01-80-C2-00-02-FF	ETSI		Assigned to ETSI for future use
01-80-C2-00-03-00 — 01-80-C2-FF-FF-FF	<i>unassigned</i>		
09-00-2B-00-00-04	ISO/IEC JTC1/SC6	ISO 9542	All End System Network Entities Address
09-00-2B-00-00-05	ISO/IEC JTC1/SC6	ISO 9542	All Intermediate System Network Entities Address

### Locally Administered Group MAC Addresses Used by IEEE Std 802.5

(IEEE Std 802.5 Functional Addresses)

Group MAC address value	Organization using the value	Standards using the value	Notes
03-00-00-00-00-08	IEEE 802	IEEE Std 802.5	Configuration Report Server (CRS) MAC Group Address
03-00-00-00-00-10	IEEE 802	IEEE Std 802.5	Ring Error Monitor (REM) MAC Group Address
03-00-00-00-00-40	IEEE 802	IEEE Std 802.5	Ring Parameter Server (RPS) MAC Group Address
03-00-00-00-01-00	IEEE 802	ISO 9542	All Intermediate System Network Entities Address
03-00-00-00-02-00	ISO/IEC JTC1/SC6, IEEE 802	ISO 9542, and IEEE Std 802.5	All End System Network Entities Address, and Lobe Media Test (LMT) MAC Group Address

03-00-00-00-04-00	IEEE 802	IEEE Std 802.1B	Generic Address for all Manager Stations
03-00-00-00-08-00	IEEE 802	ISO/IEC 10030	All CONs SNARES Address
03-00-00-00-10-00	IEEE 802	ISO/IEC 10030	All CONs End System Address
03-00-00-00-20-00	IEEE 802	IEEE Std 802.1E	Loadable Device Generic Address
03-00-00-00-40-00	IEEE 802	IEEE Std 802.1E	Load Server Generic Address
03-00-00-40-00-00	IEEE 802	IEEE Std 802.1B	Generic Address for all Agent Stations

**Note:** Potential users of the addresses identified in the table of IEEE Std 802.5 Functional Addresses are warned that, since these addresses are derived from the locally administered address space, there are no guarantees that the addresses will be used only for the listed purposes.