



PEACH  
FUZZER

IGMP Peach Pit  
Data Sheet

- Peach Pit: IGMP
- Target: Client
- Supported Platforms: Windows, Linux

Internet Group Management Protocol (IGMP) is used to declare and manage group membership for multicast addresses in IPv4.

Multicast IP Addresses allow machines to subscribe to IP address groups. Packets addressed to a group IP Address are distributed among all members.

IGMP is the protocol over IPv4 that allows machines to manage their group subscriptions.

In IPv6, the functionality of IGMP is handled by the MLD protocol.

## Specifications

Specification	Title
RFC3376	Internet Group Management Protocol, Version 3
RFC4604	Using Internet Group Management Protocol Version 3 and Multicast Listener Discovery Protocol Version 2 for Source-Specific Multicast
RFC2236	Internet Group Management Protocol, Version 2
RFC1112	Host Extensions for IP Multicasting

## Use Cases

Messages	Specification
Membership Query	RFC3376 (Section 4.0)
Version 3 Membership Report	RFC3376 (Section 4.0)

Supported Features	Specification
General Query	RFC3376 (Section 4.1.11)
Group-Specific Query	RFC3376 (Section 4.1.11)
Group-and-Source-Specific Query	RFC3376 (Section 4.1.11)