

YANG Model for Automatic Multicast Tunneling

draft-ietf-mboned-amt-yang-00

Yisong Liu (China Mobile) (Presenter)

Changwang Lin (New H3C)

Zheng Zhang (ZTE)

Xuesong Geng (Huawei)

Vinod Kumar Nagaraj (Juniper)

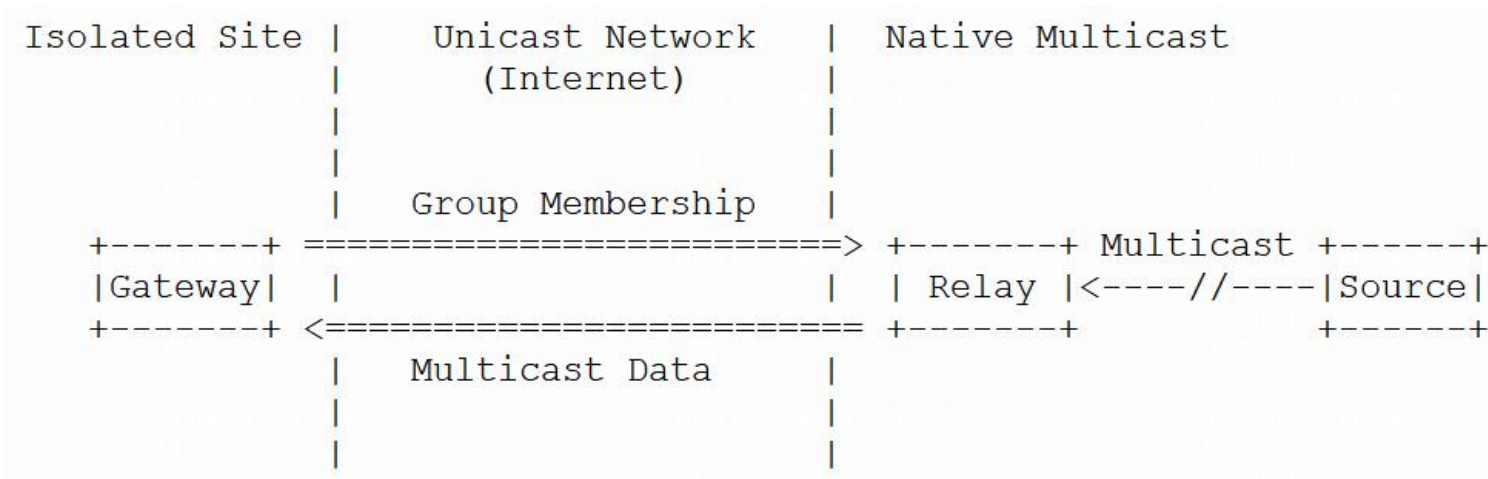
IETF-117

Automatic Multicast Tunneling

RFC 7450:

Automatic Multicast Tunneling (AMT) is a protocol that uses UDP-based encapsulation to overcome the aforementioned lack of multicast connectivity.

AMT enables sites, hosts, or applications that do not have native multicast access to a network with multicast connectivity to a source, to request and receive SSM and ASM traffic from a network that does provide multicast connectivity to that source.



AMT YANG Model

The AMT YANG model provides the methods for configuring and managing AMT Protocol.

- AMT Relay
 - Configure the parameters of AMT Relay service
 - Configure AMTRelay DNS resource records
 - Manage AMT tunnels on AMT Relay
 - Statistics of messages on AMT Relay
- AMT Gateway
 - Configure and manage the AMT Gateway service
 - Statistics of messages on AMT Gateway

Status

- Individual draft Version 01 and Version 02 been presented at the IETF-115 and IETF-116 meeting
- Individual Draft v01-v02: added relay and gateway message statistics
- Adopted by WG this month

Next Steps

- Ask for more review and comments
- More feedback from WG