IGMP/MLD-Based Explicit Membership Tracking Function for Multicast Routers

draft-ietf-pim-explicit-tracking-02

Hitoshi Asaed
Nicolai Leymann
Changes from -01

• Specific query suppression mechanism
  – The default behavior of the router that supports the explicit tracking function disables the specific query suppression mechanism

• Minor editorial changes
Specific Query Suppression

• Specific query suppression mechanism
  – Router enabling the explicit tracking function does not need to always ask Current-State Report message transmission to the member hosts whenever it receives the State-Change Report.
  • This is because the explicit tracking function works with the expectation that the State-Change Report sender is the last remaining member of the channel.
Default Behavior

• Specific query suppression mechanism
  – The default behavior of the router that supports the explicit tracking function **disables** the specific query suppression mechanism, in order to avoid the risk caused by the situation in which multiple multicast routers exist on a LAN and the querier router is not the forwarder router.
Next Step

• Intended status
  – Informational RFC ?
  – Suggest proposed standard/experimental RFC

• WGLC after minor revision (-03) ?
  – Fix few typos