Multicast Deployment Update

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Recent Multicast Deployment Developments

• Off-net sourcing mechanism being developed and added to existing native/AMT deployment on the MBONE (I2, GEANT, etc)
  • Translates unicast -> multicast streams, injected into MBONE
• GEANT P4 network recently added BIER capabilities, presented in IETF110 @ BIER
  • See BIER presentation and video for details
  • Investigating addition of AMT to deliver multicast content to off-net receivers
On-net Multicast (native sources and receivers)
Off-net Receivers (native source, unicast-only receiver)
Off-net Sourcing (unicast-only source)
Recent Multicast Deployment Developments

• Need (interesting) content!!
  • Compelling content drives all network innovations
• Hope to have working code to demo by IETF 112
• If interested in getting involved in either project, please contact lenny@juniper.net