

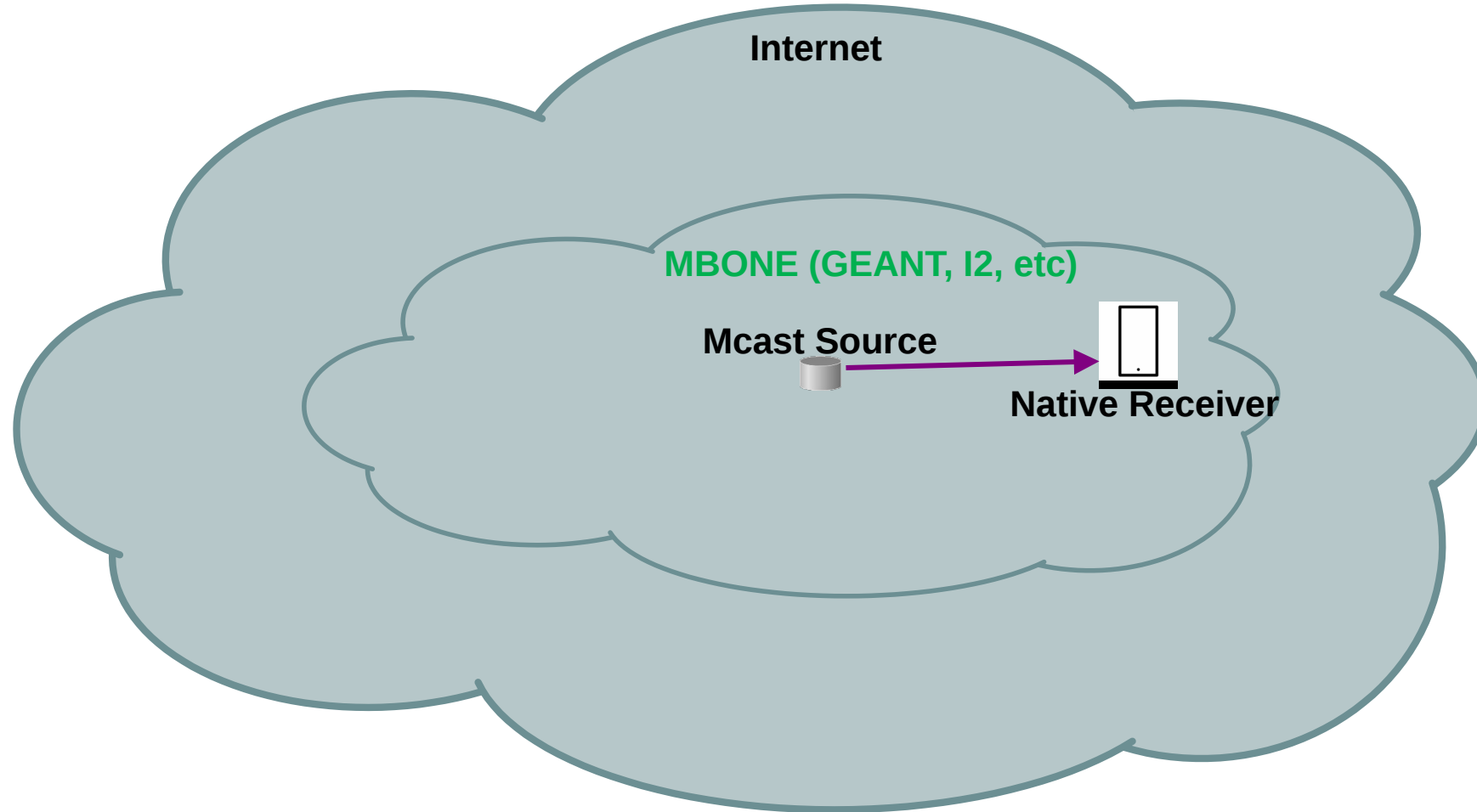
Multicast Deployment Update

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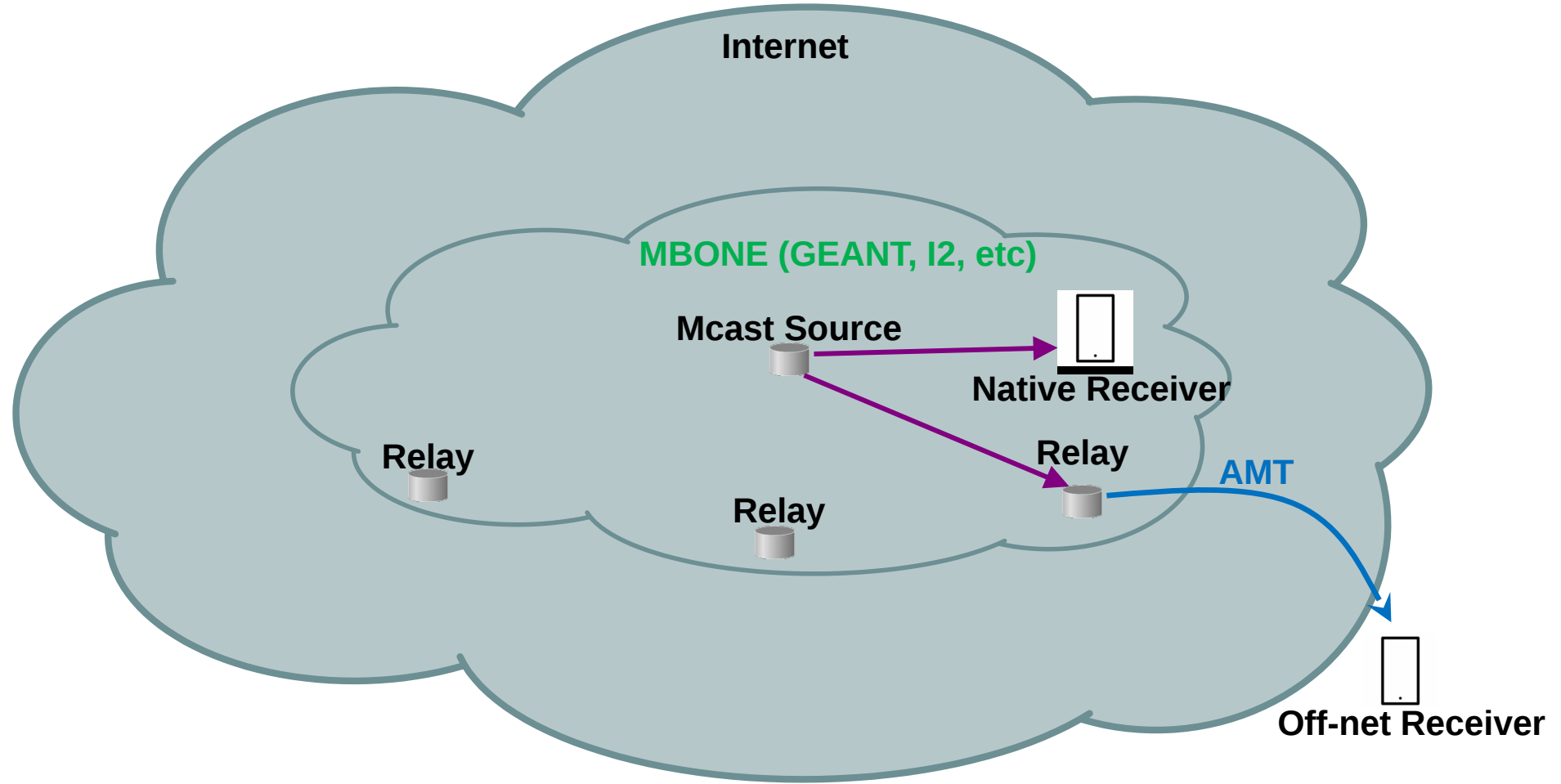
Recent Multicast Deployment Developments

- 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

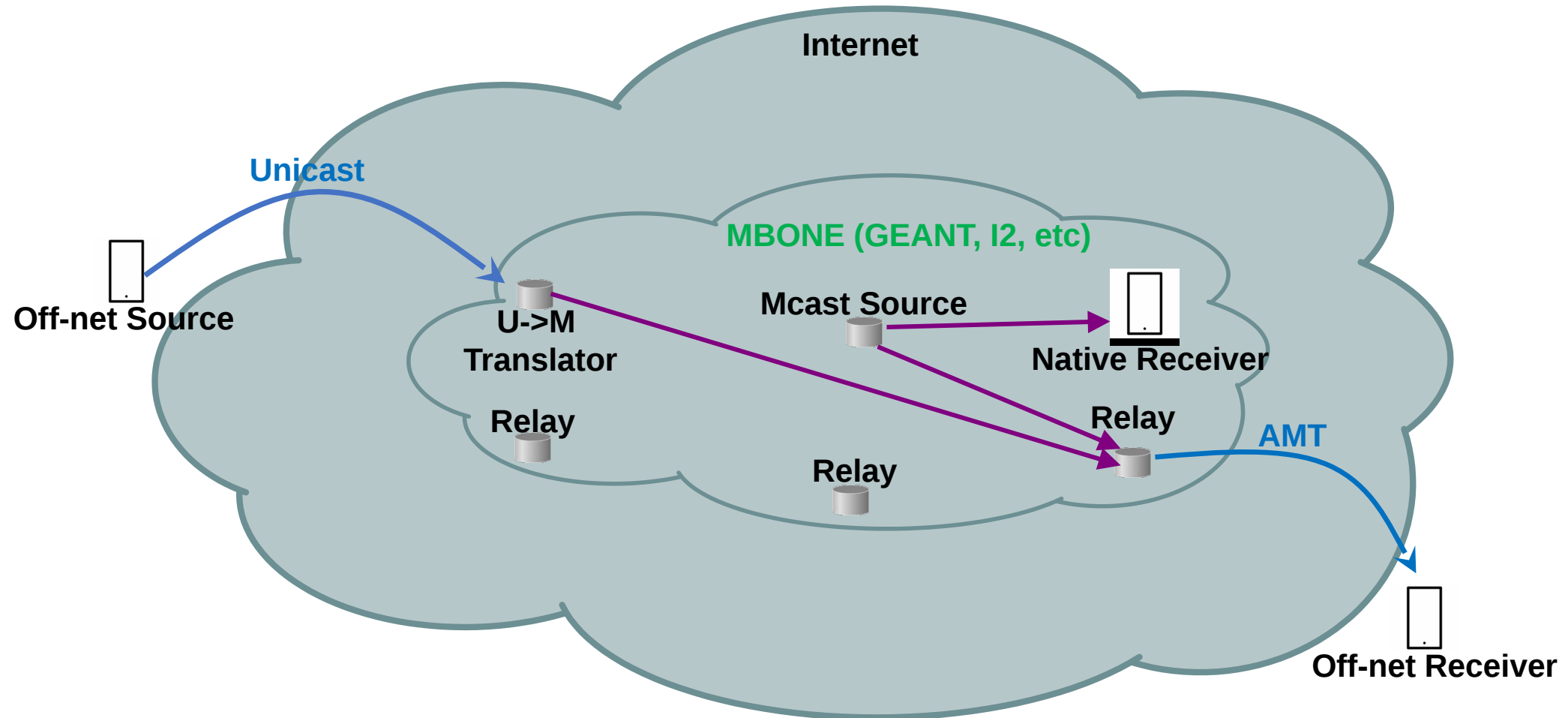
On-net Multicast (native sources and receivers)



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