Communication between Apps and Network

- Identification and treatment of application flows critical for network providers to effectively support a wide range of applications
- Reliance on heuristics and inspection limits effectiveness and/or compromises security and user privacy

- Applications explicitly signal flows to network, and network provides feedback to applications
- Networks accommodate application flows better, applications adjust operation to network conditions

Applications

Application describes what it intends to send/receive

Description of media flow(s):
- Rate (min, max)
- Delay/Loss/Jitter
- Relative Priority

Network

Network describes anticipated handling of traffic