

6lo Deployment?

[Use Cases and Reference Architecture]

Consideration for Discussion

Deployment Scenarios?

- RFC 6568 – Use cases for 6lowPAN
 - Industrial Monitoring
 - Structural Monitoring
 - Connected Home
 - HealthCare
 - Vehicle Telematics
 - Agricultural Monitoring
- 6lo – Multiple L2 technologies
 - What other usecases?
 - WG suggestion – wearables , dect-le use deployments? Lobac ?
 - Alex Petrescu – suggestions on Connected cars communications
 - Considerations on throughput, connectivity, number of sensor networks, how are they connected to the Internet world, Cloud Services?
 - Should we think about Proxies and Gateways?

Reference Architecture?

- How should 6lo communicate to other pieces of the puzzle?
- 6lo, 6TiSCH, CORE, DICE, ACE, dnssd, Security and Network Management?
- 6lo GW or Proxy?
 - 6lo devices may not always be considered as individual IP-endpoints but as a system of constrained nodes
 - 6lo function in Routers and Switches?
 - 6lo API/Middleware to communicate with upper layer applications?
 - 6loGW as the proxy to connect non-IP devices to the IP-networks?
 - Relationship with Naming and Discovery ?
 - Different architectural models for different applications?