Work items to be covered

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5 mins + 5 mins discussion (90/120)
Work items to be covered

### New Services
- Fine granular Network Slicing
- Fine granular Detnet
- Fine granular SFC
- Fine granular Network Measurement
- Fine-granularity SLA Guarantee

### Architecture
- Framework
- Problem Statement
- Use cases
- Security
- Privacy

### Automation / Control Plane (Provisioning & Management)
- Routing Plane (IGP/BGP)
- PCEP
- BGP-LS
- YANG
- ...

### Data Plane
- Encapsulation
- IPv6
- SRv6
- MPLS
- VxLAN
- ...
- QoS

### Fine granular Network Slicing
- Fine granular Detnet
- Fine granular SFC
- Fine granular Network Measurement
- Fine-granularity SLA Guarantee

### Problem Statement
- Fine granular Detnet
- Fine granular SFC
- Fine-granularity SLA Guarantee

### Use cases
- Fine-granularity SLA Guarantee

### Security
- Fine-granularity SLA Guarantee

### Privacy
- Fine-granularity SLA Guarantee

### Work possibly needing extensions
- Fine-granularity SLA Guarantee
What would a Working Group deliver?

- The working group will not publish anything that violates the user’s privacy or security
  - This must be stated in the Charter
1. Framework, Architecture, and Problem Statement
2. Use cases (as needed to develop requirements – not necessarily published as RFCs)
3. APN Attribute
   - Information model
   - Encoding structure
   - Mapping from other fields in the packet
What would a Working Group deliver?

4. Data plane encapsulations
   - Core protocols
     - MPLS
     - IPv6
     - NOV3 – GENEVE, VxLAN, GPE, etc.
   - Other possible protocols
     - GTP-u?
     - Multicast? – BIER, MLDP/P2MP-TE, MGRE

5. Configuring APN Attribute to Policy Mapping
   - Management plane NETCONF/YANG models
   - Control plane protocol extensions
     1. BGP
     2. PCEP
     3. IGP?
Thank you!