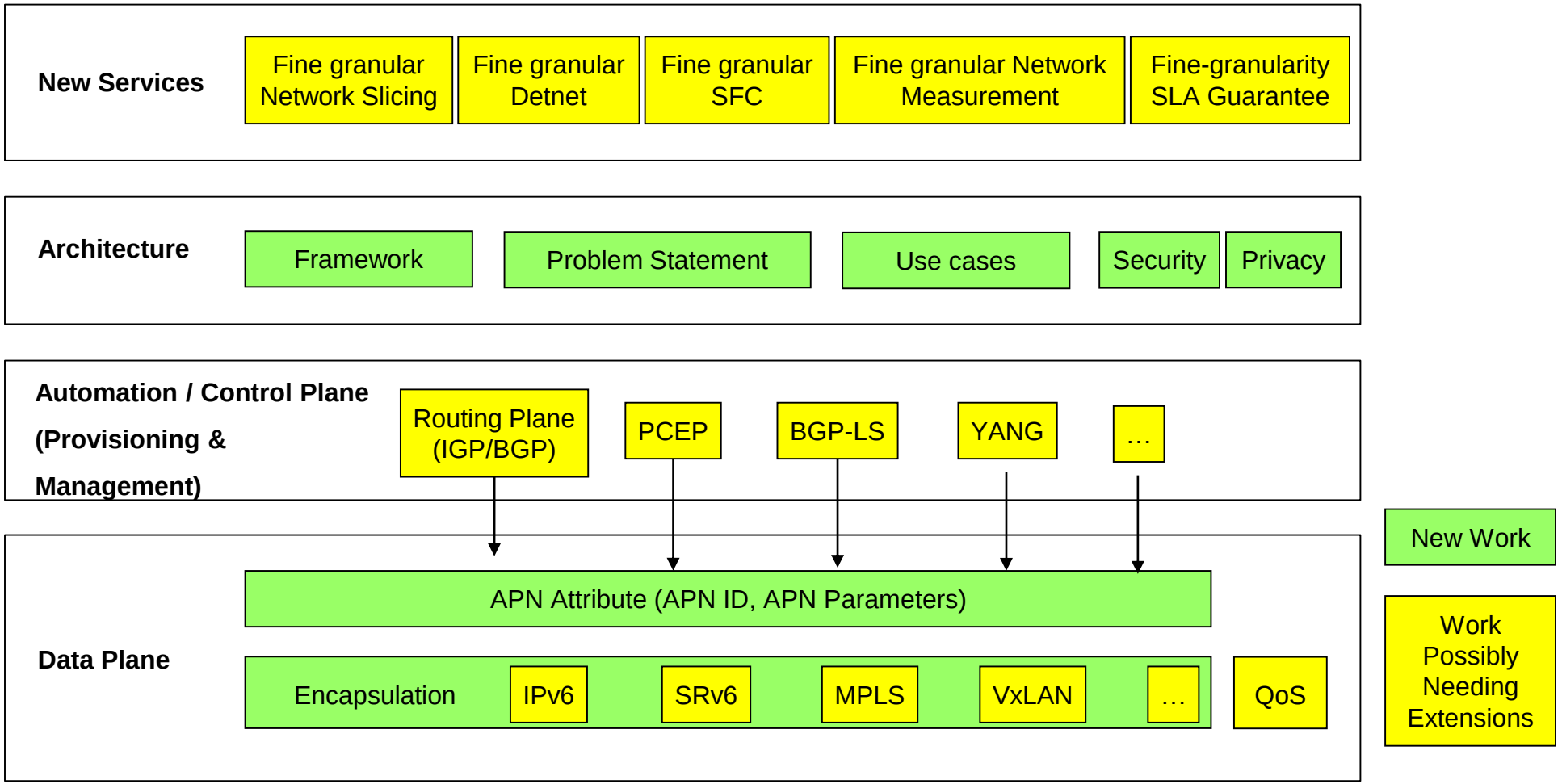
Work items to be covered

Shuping Peng

5 mins + 5 mins discussion (90/120)

Work items to be covered



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!