BBF Liaison on Service Chaining

Hongyu Li
Co-editor of SD-326 Flexible Service Chaining
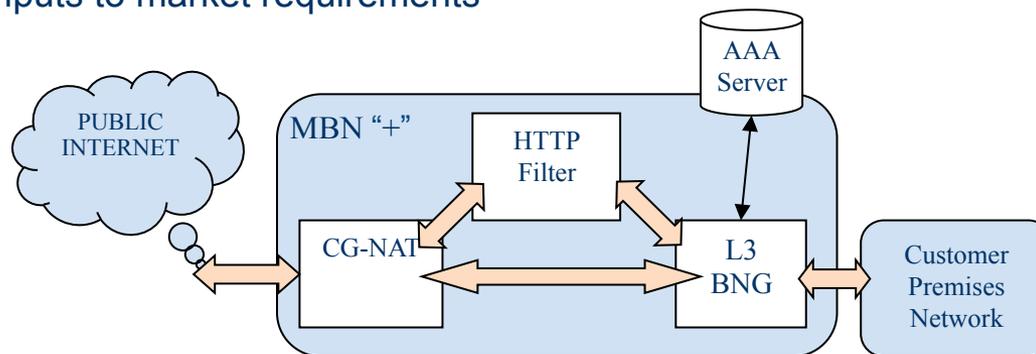Hongyu.li@huawei.com

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Brief Intro on SIMR WG and SD-326

- SIMR WG
  - Service Innovation and Market Requirements Working Group
  - Drive BBF with medium-to-long term work directions and requirements in order to lead innovation in broadband networks

- SD-326 Flexible Service Chaining
  - Still a work in progress
  - the final document intended for internal BBF use
  - select use cases and identify technical gaps that will require technical specification work in other BBF WGs or partner organisations (e.g. IETF)
  - expect that it will lead to
    - published extensions to broadband network architecture and corresponding nodal requirements (a typical BBF activity)
    - possibly imply some new protocol(s) or extensions (a typical IETF activity)

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Use Case Template & Network Arch.

- **Use Case Template**
  - Title
  - Service Model and Story Highlights
  - Business Drivers
  - Deployment Model
  - Actors
  - High-level architectural context
  - Related and Derivative Use Cases
  - Issue(s) Spotlight
  - Inputs to market requirements

Current Use Cases

- Internet access, CGNAT and Web Filtering
- Internet access and network-based Parental Control service
- Lawful Intercept and Deep Packet Inspection
- Geographically distributed Service Functions: Lawful Intercept, Deep Packet Inspection and URL Filtering

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Expectations for SFC WG

- Review and comment on the BBF use cases
- Take those BBF use cases it feels are relevant and consider them
- Liaise back
  - any comments on the use cases to the BBF,
  - note the SFC WG consideration of the BBF use cases
  - asking those interested in BBF to get involved on SFC
  - updating relevant use cases or proposing new ones

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