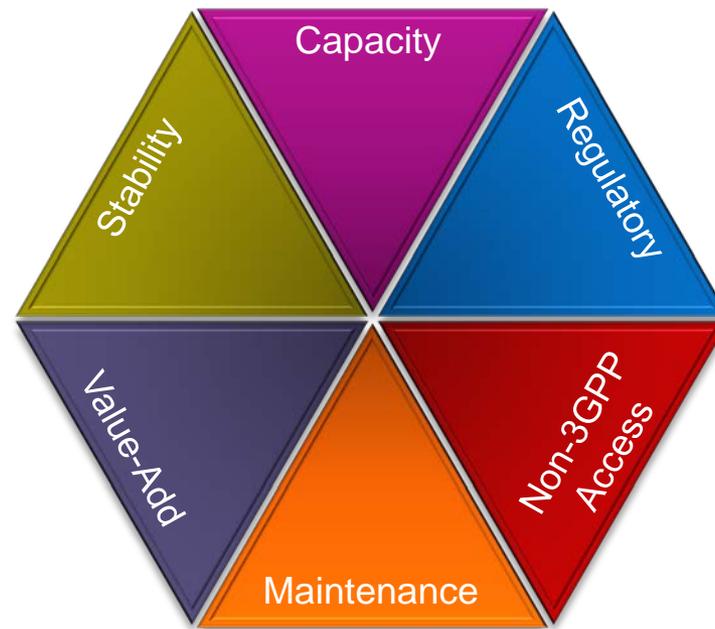


Priorities for Release 12 (SA and CT) - The Verizon View



SP-120672

Agenda Item: 5.1



- **Small Cells/Femto-cells for network capacity increase in selected traffic hotspots and in-building locations**
 - Local IP access from femto-cells was specified in Release 10
 - Internet access via local connectivity of femto-cell provides support for more users => Priority for Rel-12
- **Identifiers**
 - Planning needed for MS-ISDN exhaust
 - One key feature of M2M is triggering via SMS
 - SMS over IMS for MS-ISDN-less devices => Priority for Rel-12



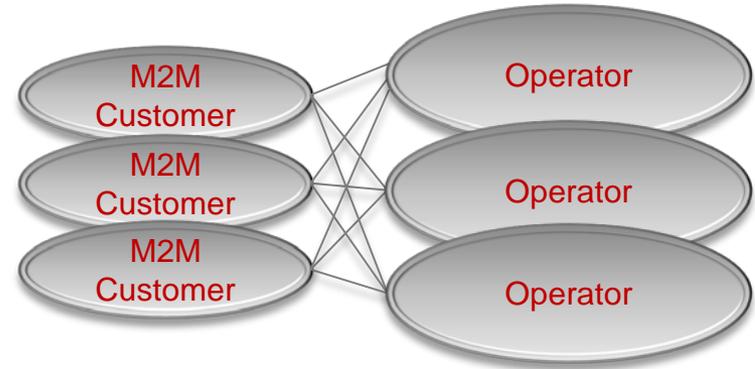
- **Overload Control**
 - Overload prevention/notification/control mechanisms needed for network stability/reliability
 - Solutions for core network functional overload and interface overload scenarios => Priority for Rel-12
- **Signaling Plane Congestion control => Priority for Rel-12**
 - Address 3GPP signaling plane congestion due to application layer signaling on smart phones
 - Address signaling plane congestion due to new kinds of data transmission and messaging of M2M applications
- **User Plane Congestion Control => Priority for Rel-12**
 - Applications that include video stream cause user plane congestion
 - Provide mechanisms to notify and react both ways between RAN and Core
- **Security => Priority for Rel-12**
 - VoLTE and Firewall traversal
 - M2M



- **IP Flow Mobility between LTE and WiFi**
 - Flexible use of access for voice/video applications needed
 - IP Flow Mobility based on Network based protocols => Priority for Rel-12
- **Support for Policy on fixed broadband access**
 - PCRF-based policy management for fixed terminal already available in products
 - Policy and Charging Control for terminals in fixed broadband access networks => Priority for Rel-12

- **M2M Customer oriented services**

- Group based features
- Network based user data availability



- **D2D commercial services**

- Leverage D2D public safety related functionality for commercial services

- **Multimedia enhancements**

- More efficient voice/video codecs

- **Support for Policy Control for Web Services**

- XML-based Rx

