DRINKS WG Meeting
IETF#80, Prague

Session Peering Provisioning Protocol I-D
draft-ietf-drinks-spprov-06

Authors: Ken Cartwright, Syed Ali, Jean-François Mulé
Status & Progress

• Updates based on various WG mailing discussions and review comments since IETF 79

• 3 Revisions since Beijing
  – 04 Issued in Feb, 2011
  – 05 and -06 Issued in March, 2011

• Thanks to all the reviewers
  – Otmar Lendl, Mickael Marrache, Samuel Melloul, Manjul Maharishi, et. al.
Summary of Changes

• Document Text and Structure – A few improvements.
• Open Number Plan Support – Simplified it a bit.
• Del Operation Section – Added data integrity guidance.
• XSD Tweaks – A couple renames and a couple corrections.
• Security Considerations Section – Added authorization guidance.
Document Text and Structure – A few improvements

• Introductory sections:
  • Tightened up data model diagram a bit
    • Direction of arrows, etc.
  • Improved definition of Registrar and Registrant

• Operation subsections:
  • Re-ordered subsections
  • Re-organized Public Identifier sub-sections a tad
  • Some word-smithing and additional detail.

• Other misc text improvements.
Open Number Plan Support – Simplified a Tad

• Implicit support of ONP in TNPType and TNRTType objects.

• Support for ONP is a matter of policy for SPPP implementations.
Del Operation Section – Added data integrity guidance.

- Added guidance for how the hierarchical relationships between objects should be managed to maintain data integrity when a referenced object is deleted.
XSD Tweaks – A couple renames and a couple corrections.

- Removed the optional IP address element from the NS Type. However, subsequently identified an active use case. Will add this back in.
- Removed the “default=true” qualifier from the rn element in the RNType. It was extraneous.
- Renamed BasicRqstType to BasicUpdateRqstType. Makes it clearer and more precise.
- Renamed the rqst element to RqstObj. Draws a clearer distinction from its parent object, which was also called rqst.
Security Considerations Section – Added authorization guidance.

- Added list of authorization considerations that should be considered for any SPPP server implementation.
Changes Planned for Next Rev

• Removal of rarId data element
  – Element is un-necessary and adds overhead.

• Re-Introduction of Optional Glue for NS Type
  – Was removed, but specific use case has supported the need.