ISSU Benchmarking Methodology draft-banks-bmwg-issu-meth-01

IETF 87 Berlin

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00 – Overview

- Define a common set of methodologies to facilitate the benchmarking of an ISSU (In Service Software Upgrade / Downgrade) event

    - Phased approach to the entire ISSU process:
        - -> Pre-upgrade / downgrade verification
        - -> Software Download
        - -> Software Staging
        - -> Upgrade Run
        - -> Upgrade Acceptance - Exit Criteria

- Guidance / Definitions for identifying and deploying control & data plane models required for benchmarking ISSU process
- Final Report / Exit criteria in order to provide a referenceable characterization of the entire process and results

01 – Where we are today

- Jun-04 e-mail to the list sent by Sarah with 01 rel. notification

- Addressed in 01 Draft …

    -> David Newman comments (upgrade / downgrade) support

    -> Al's several comments: Semantics – anticipation of results / outcome – Reporting format … upgrade/downgrade rollback … others.

- Always seeking additional feedback and comments, especially from network operators .

Next Steps – 02 - future rel.

- Petition the BMWG for adoption of the draft as charted work
- Additional feedback requested from WG members –
- There is an industry need for a standardized methodology to benchmark ISSU functionality among vendors.

Thanks !

The authors of:

draft-banks-bmwg-issu-meth-01