Updates on "NFV Reliability using COTS Hardware"

(http://datatracker.ietf.org/doc/draft-mlk-nfvrg-nfv-reliability-using-cots/)

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IRTF 94 NFVRG Session

(https://www.ietf.org/proceedings/94/agenda/agenda-94-nfvrg)

9-11:30 AM (JST), Wed. 04 Nov. 2015
Room 502, Pacifico Yokohama (www.pacifico.co.jp)
1-1-1, Minato Mirai, Nishi-ku
Yokohama, Japan

Background

- This draft is based on the presentation during IETF/IRTF-92 mtg. in Dallas, TX, USA on the 26th of March 2015
  - https://www.ietf.org/proceedings/92/slides/slides-92-nfvrg-9.pdf

- This draft attempts to address the work item no. 4 in the charter (http://datatracker.ietf.org/rg/nfvrg/charter/)
  - 4. Service Verification with Regards to Security and Resiliency
    - Reliability and security issues and relevant solutions related to the nature of VNFs are the objectives of this work item

Updates

- Published version-01 on Sat.-17-Oct.-2015, based on minor edits and clarifications
  - https://www.ietf.org/id/draft-mlk-nfvrg-nfv-reliability-using-cots-01.txt

- Received further comments from Rick Casarez (rick.casarez@gmail.com) on Tue.-20-Oct.-2015
  - http://www.ietf.org/mail-archive/web/nfvrg/current/msg00410.html
    - Sec. 1 (on spare servers and their availability)
    - Sec. 3 (on calculation of the FIVE 9s of system availability from ISPs' viewpoints)
    - Sec. 6 (on price, Return On Investment (ROI), and un-noticeable or slight blips in performance during transition and/or upgrade)

- Working on updating the draft

Next Steps

- Release version-02 resolving the issues raised by Rick
- Solicit further comments and suggestions
  - Please send **Emails** to nfvrg@irtf.org with **Subject** "Comments on draft-mlk-nfvrg-nfv-reliability-using-cots"
- Update and finalize the draft, and request for RG adoption for publication as an Informational document

Questions, Comments, Suggestions!

THANKS!!