

Enhanced DetNet Data Plane: Proposed Plans

DetNet Interim Meeting

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Proposed Initial Focus: Queuing

- “Plans for informal open working meetings on progressing the topic of an Enhanced DetNet Data Plane”
- Focus of Working meetings: Queuing
 - Same scope as recently-disbanded design team
- Open Working Meeting Goals:
 - “information and definitions that will be common among different candidate queuing solutions”
 - “one or more specific queuing mechanisms as candidates for WG adoption”
- Other topics: Outside scope of open working meetings
 - May still be within scope of WG as a whole

Tentative Approach

- A. Refine scaling requirements draft
 - Technical updates to scaling requirements
 - Separate draft section for each requirement
 - Remove requirements that aren't for scaling
- B. Determine which proposed solutions satisfy which reqts.
 - Matrix of solutions X requirements (draft section #s)
 - Each cell: Satisfies, Partially Satisfies, Does Not Satisfy
- C. Priority triage of requirements:
 - That set of queuing solutions to be progressed
MUST / SHOULD / MAY satisfy (more on next slide)
 - Pursue A, B, and C concurrently (feedback among them)
 - Use results to select queuing solutions to progress
 - And ... Obtain WG rough consensus for all of this (!)

Priority Triage Explanation

C. Priority triage of requirements:

- That set of queuing solutions to be progressed
MUST / SHOULD / MAY satisfy
 - MUST: If not satisfied, wasted everyone's time
 - SHOULD: Significant drawbacks if not satisfied
 - MAY: “Nice to Have” (some benefits)
 - No significant drawback(s) if reqt. removed
 - If not even “Nice to Have”, remove requirement
- Apply to set of queuing solutions to be progressed
 - If more than one solution, different requirements could be satisfied by different solutions

Open Working Meeting: Timing

- Important Time Zones for participants:
 - Asia: Korea (GMT+9), China (GMT+8)
 - Europe (GMT+1)
 - US Eastern (GMT-5), US Pacific (GMT-8)
- No good meeting time across all five of these time zones
- Proposal – Alternate meetings between:
 - 8p-10p ET (Asia: AM, Europe: bad [2a-4a], US: evening)
 - 8a-10a ET (Asia: evening, Europe: PM, US Eastern: AM, US Pacific: bad [5a-7a])
 - Record all WG open working meetings
- Proposed frequency: every 2 weeks, starting after Yokohama
 - Proposed first 2 meetings: April 11 (8p-10p ET) & April 26 (8a-10a ET)

Last Slide

- We have an adventure ahead of us
- Questions?
- Comments?
- Dead Cats and Rotten Tomatoes?
 - (reference to “Adventures of Huckleberry Finn” book)