QoS & TE for Differentiated Deterministic services

06 November 2023

IETF 118 side meeting session

Note Well

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- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
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Starting points

1, Questions about DetNet TE & QoS are believed to be important, but unanswered yet.

- DetNet TE: cycle resource from queuing mechanisms have not been in TE yet;
- DetNet QoS: fine-grained deterministic QoS requirements in terms of diversified service class should be better guaranteed.

2, Expected takeaways:

- TE and QoS clarifications with enhanced DetNet;
- Identify productive requirements, gaps as well as solutions;
- important points of disagreement.

Agenda

1.Welcome statements and introduction. Daniel Huang. 5mins

2.Traffic Engineering in CATS and DetNet. Presenter: Adrian Farrel (Old Dog). 10mins

3.RAW/DetNet muti-domain use cases and solution consideration. Presenter: Carlos J. Bernardos (UC3M). 10mins.

4.Enhanced Use cases for Scaling Deterministic Networks. Presenter: Junfeng Zhao (CAICT). 10mins

5.Deterministic QoS consideration for enhanced DetNet. Presenter: Peng Liu(China Mobile). 10mins

6.Requirements and solution of scaling deterministic networking capability as a service. Presenter: Chanchan Huang(China Telecom). 10mins

7.Solution consideration about differentiated DetNet-aware QoS and TE. Quan Xiong (ZTE). 15mins.

8.Open discussions. Daniel Huang.20mins

Have a good stay in Prague.

- Thanks!