More Metrics for RFC 8175 (DLEP)

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What has been published?

- Physical Layer based metric drafts
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- Physical Layer based metric drafts
  - Draft-rogge-manet-dlep-radio-band-02
  - Draft-rogge-manet-dlep-channel-utilization-00
  - Draft-rogge-manet-dlep-radio-quality-00
Radio band

- Reports the used frequency resources
Radio band

- Reports the used frequency resources
  - Spectral efficiency
  - Check against existing troubles
  - Potential on-the-fly reconfiguration (Cognitive Radio)
Channel utilization

- Reports detected channel usage over time
Channel utilization

- Reports detected channel usage over time
- Estimates about existing capacity
Radio quality

- Reports the quality of the communication
  - Fine-grained quality estimation
  - Detection of disruption by other devices
What’s next?

- MAC layer based metric drafts
  - Mostly statistics
- Radio capabilities
  - E.g. multicast capability
  - IP support?
  - Service discovery
Why not earlier?

- Implementation trouble
Questions?