

# draft-ietf-lpwan-ipv6-static-context-hc-18

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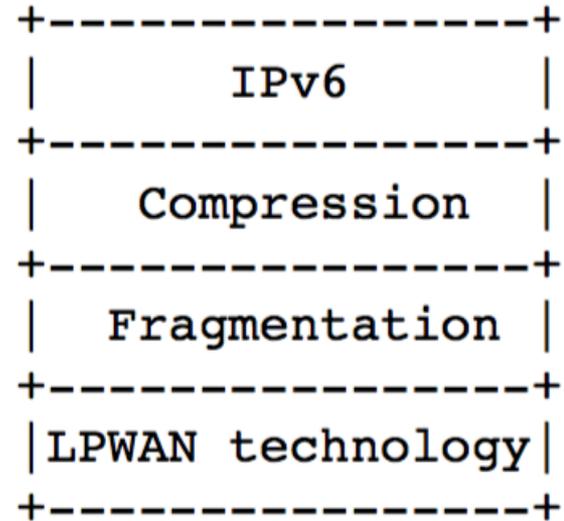
# Presentation agenda

- What is this draft about?
- What has happened since IETF103?
- Hackathon@IETF104 report
- What is coming up next?

# What is this draft about?

# 3 deliverables of this draft

- Specification of a Header Compression engine (Section 7)
  - Generic engine, uses Static Context (-> SCHC)
- Specification of UDP/IPv6 compression (Section 10)
  - Using this SCHC engine
- Specification of a fragmentation protocol (Section 8)
  - Has 3 different “modes” described in this draft
  - Different modes address different requirements



# What has happened since IETF103?

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- Second WGLC initiated Nov 12<sup>th</sup>, closed Nov 27<sup>th</sup>
  - Devoted to fragmentation
- Presentation of fragmentation to LoRa Alliance Nov 20<sup>th</sup>
- MIC made optional again
  - Integrity Checking is mandatory, MIC is optional
  - Ticket #32 duly updated with discussion items and conclusions
- Text reworked based on Charlie's review
  - Lots of text improvements, thanks Charlie!
  - Target Value type and interoperable Rule description pushed off to another draft
- Published -18 Dec 14<sup>th</sup>, 2018

# What has happened since IETF103?

- Submitted to IESG Dec 15<sup>th</sup>, Standards track
- Early IoT Dir review comments by Carsten, March 4<sup>th</sup>
  - Thank you, Carsten!

# Hackathon at IETF104

- 5 contributors locally,  
2 remote (Shoichi,  
Sergio)
- Improved GitHub  
project
  - <https://github.com/openschc>
  - uPython debugging
  - Documentation, howto
  - Pytest, Sphinx



# What is coming up next?

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- Act on Carsten's comments
- Expect to publish -19 around end of April
- Work in synch with reviews by IESG
- Carry on OpenSCHC development

Thank you for your attention