

# IETF 115 Computing Aware Networking

Nov 7, 2022

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This session is being recorded

IETF 115 London  
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# Note Well

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Definitive information is in the documents listed below and other IETF BCPS. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)

# Computing Aware Networking (CAN)

- The CAN (Computing-Aware Networking) is a home to discuss how (the availability of) computing-related resources, including but not limited to computing and storage capabilities, may impact the routing system.
- Mainly focusing on routing (forwarding) services with multiple destinations, such as ANYCAST, within one Administrative domain.
- Useful information:
  - ❑ <https://github.com/CAN-IETF/CAN-BoF-ietf115/blob/main/README.md>
  - ❑ <https://www.ietf.org/mailman/listinfo/can>

# BoF Goals

- The goal of this BOF is to demonstrate the community has agreements that
  - There is a problem that needs solving, and the IETF is the right group to attempt to solve it.
  - There is a critical mass of participants willing to work on the problem (e.g., write drafts, review drafts, etc.),
  - The scope of the problem is well-defined and understood. That is, people generally understand what the WG will work on (and what it won't) and what the actual deliverables will be
  - There is agreement that the specific deliverables (i.e., proposed documents) are the right set.
  - It is believed that the WG has a reasonable probability of having success (i.e., in completing the deliverables in its charter in a timely fashion).
- The BoF is NOT for discussing solutions or architectures.
  - All the solution-related discussions might be interrupted in the interest of time.

# Computing Aware Networking (CAN) Agenda

Administrivia and agenda---5min---Chairs

Problem statement and use cases---20 min---Peng Liu & Luis Contrerasmurillo

Gap analysis and Requirement---20 min---Tianji

Quick presentation of proposed charter---10min---Peng Liu

Charter discussion---35min---

Wrap-up---10min---AD, Chairs

# Questions

- Does the community think that the problem statement is
  - Clear?
  - Well-scoped?
- Is the IETF the right group to attempt to solve it?
- There is a critical mass of participants willing to work on the problem (e.g., write drafts, review drafts, etc.),
  - Who is willing to author/contribute/edit documents?
  - Who is willing to review documents?