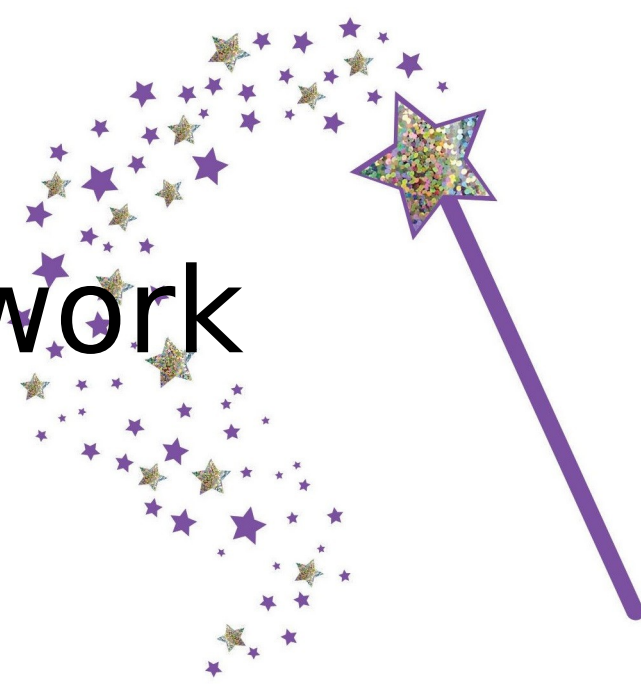


# Some Key Terms for Network Fault and Problem Management

draft-ietf-nmop-terminology



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IETF-122 : Bangkok, Thailand : March 2025

- Refresher
- New terminology
- Liaisons
- Thanks to recent reviewers
- Changes made
- Work still to be done

# Refresher

This document sets out **some terms** that are **fundamental** to a common understanding of **network fault and problem management** within the IETF.

The purpose of this document is to **bring clarity to discussions** and other work related to network fault and problem management, in particular to YANG models and management protocols that report, make visible, or manage network faults and problems.

If other bodies find the terminology defined in this document useful, they are free to use it.

# interminable

- **adjective**

- in·ter·mi·na·ble (in-'tər-mə-nə-bəl)
- Having or seeming to have no end
  - *Especially* : wearisomely protracted

# perfect

- **adjective**

- per·fect ('pɜː-fekt)

- Complete and correct in every way

- Of the best possible type, or without fault [\*]
- The enemy of done

[\*] See draft-ietf-nmop-terminology for a definition of 'fault'

# valuable

- **adjective**

- val·u·ble ('væl-jə-bəl)

- Important, useful, or beneficial

- Any review of an IETF draft

# Liaison to the TMForum

- <https://datatracker.ietf.org/liaison/1974/>
- “For information”
- Any comments appreciated
  - Preferably during working group last call
  - Nothing received as yet

# Recent reviewers (since IETF-121)

- Nigel Davis (a co-author, but been away for a while)
- Rob Wilton (WGLC)
- Carsten Bormann (IoT-Dir)
- Hilarie Orman (Sec-Dir)
- Italo Busi (WGLC)
- Stewart Bryant (Rtg-Dir)
- Dirk Hugo (Int-Dir)
- Bo Wu (WGLC)
- Daniele Ceccarelli (WGLC)
- Paul Kyzivat (Gen-Art)
- Jouni Korhonen (Ops-Dir)
- Med Boucadair (WG chair)
- Reshad Rahman (incoming WG chair)

Thanks also to Thomas Graf and Brad Peters for helping resolve issues



# What changed? (Since IETF-121)

- Quite a lot!
  - -06 before IETF-121
  - -07 during IETF-121
  - -12 now
- Added Section 3.1: Context Terminology
  - Network Telemetry, Network Monitoring, Network Analytics, Network Observability
  - Still subject to some discussion
- Lots of edits to 3.2: Core Terms
  - Removed “system” and related terms
  - Added “value”
  - Added “detect”
  - Cleaned up and simplified all the other terms
- But you really need to read the draft

# Work still to be done

- Final comments from Carsten
  - Nothing too difficult
- Resolve some issues with Rob
  - Getting there, but not complete
  - Meeting during IETF week
- Debate about Context Terminology in 3.1
  - Brad and Thomas have converged (on list)
  - Just need to make the edits
- -13 to be posted “real soon”
- Read, review, re-read, keep commenting