

# DetNet Update from IETF 99

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# TSN at IETF 99

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- TSN Tutorial ([regular Sunday tutorial](#))
  - [Slides](#), [video](#)
  - Successful, well attended, good [reviews](#)
  - After the tutorial: [demo](#) of IEEE 802.1CB PoC implemented in Ericsson software switches
- DetNet WG Session
  - [802.1 TSN Summary and Discussion](#) (see also page 4 of this deck)
  - [Implementation report](#) on the data plane protection (802.1CB )PoC

# Current DetNet Status

([IETF 99 DetNet minutes](#))

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- [Architecture](#) ([preso](#))
  - Goes WG Last Call
- [Use Cases](#)
  - WG Last Call soon; not urgent to close the door
- [Security](#) ([preso](#))
  - Call for WG adoption
- [Data Plane Encapsulation](#) ([preso](#))
  - Design Team concluded, WG takes over
  - Call for WG adoption after adding list of open items
- [Flow Information Model](#) ([preso](#))
  - It provides reference model
  - To be clarified before WG adoption: Network configuration aspects
  - (Control Plane is out of scope for the WG)

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# DISCUSSION ITEMS WE BROUGHT TO DETNET WG

Copied from the [802.1 TSN Summary and Discussion presentation](#)

# Integrating DetNet and TSN

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- A flow needs the same treatment in DetNet and TSN
  - All of the above methods are equally applicable to bridges, routers, label switches, hosts, etc., should be available to both TSN and DetNet
  - Only the traffic class selection differs (L2 priority vs LSP priority vs DSCP ...)
- We need a set of YANG modules to select and govern the use of these queuing strategies for all node types