


DetNet Terminology Discussion

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Purpose of the terminology discussion

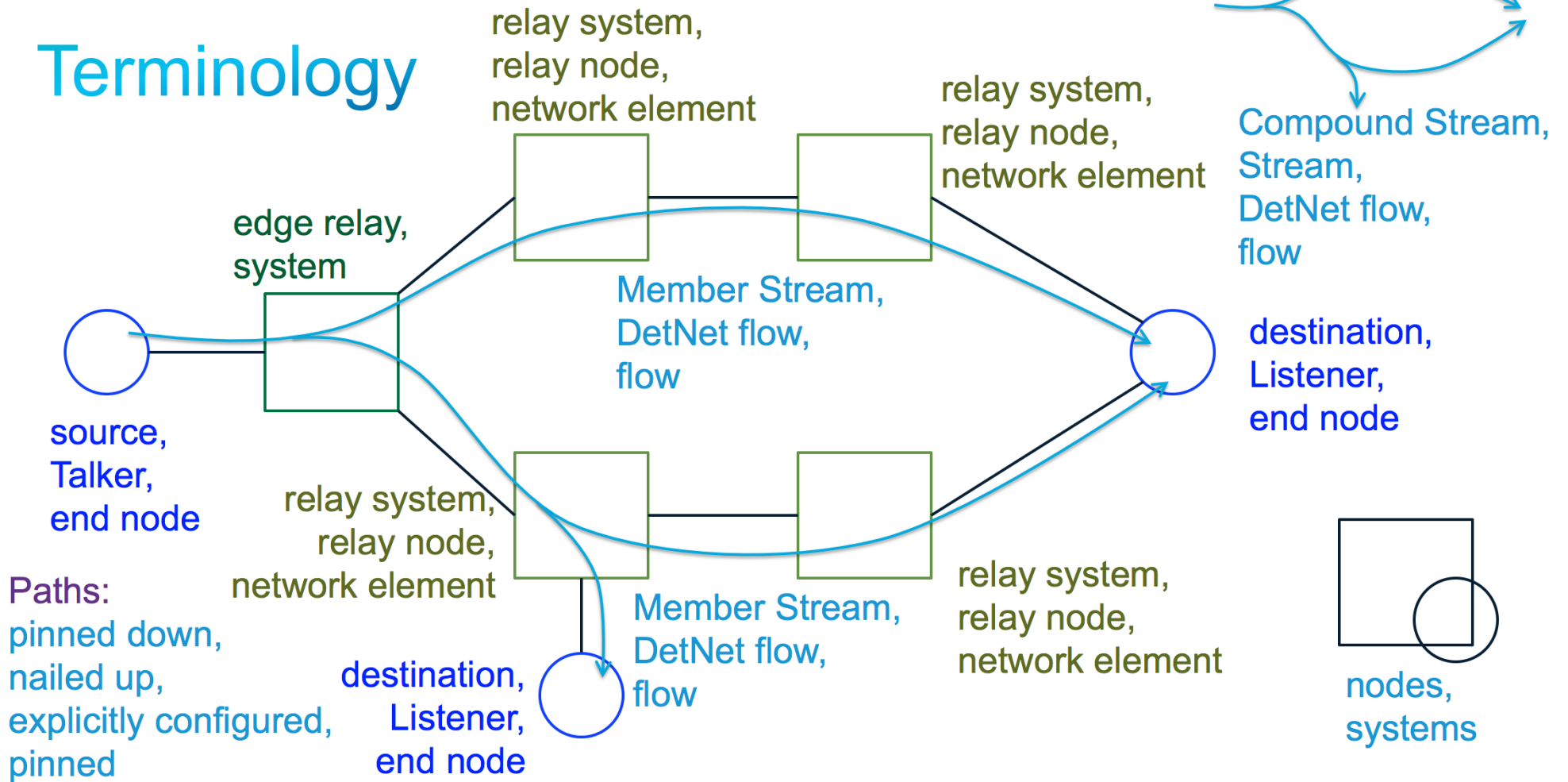
We need an agreed upon set of terms to use in this WG and our documents

- The terms listed for reconciliation in this presentation are used in the various DetNet drafts and in other IETF and IEEE documents.
 - Much of DetNet is a "profile" of other RFCs, drafts, and outside standards. That is, DetNet has need of certain features, and there are multiple existing techniques that can satisfy those needs. So, we must distinguish between:
 - ***The what:***
The DetNet term for the feature needed (e.g. "pinned paths"); and
 - ***versus The how:***
The particular term for an existing technique to satisfy that need (e.g. "Label Switched Paths").
 - This presentation is about terms for needed features.
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More Terminology

802.1CB	Use cases	Architecture	Problem Statement	Requirements	Data Plane Alternatives
Stream	stream	DetNet flow	flow	DetNet flow	Deterministic and DetNet flow
Member Stream					
Compound Stream					
Talker	source	source		source	
Listener	destination	destination		destination	
explicitly configured path	pinned down / nailed up	pinned			explicit routes
end system	end node	end system	end node		end system
relay system	node	relay system		network element	edge and network node
system	node	DetNet node	node	system	node

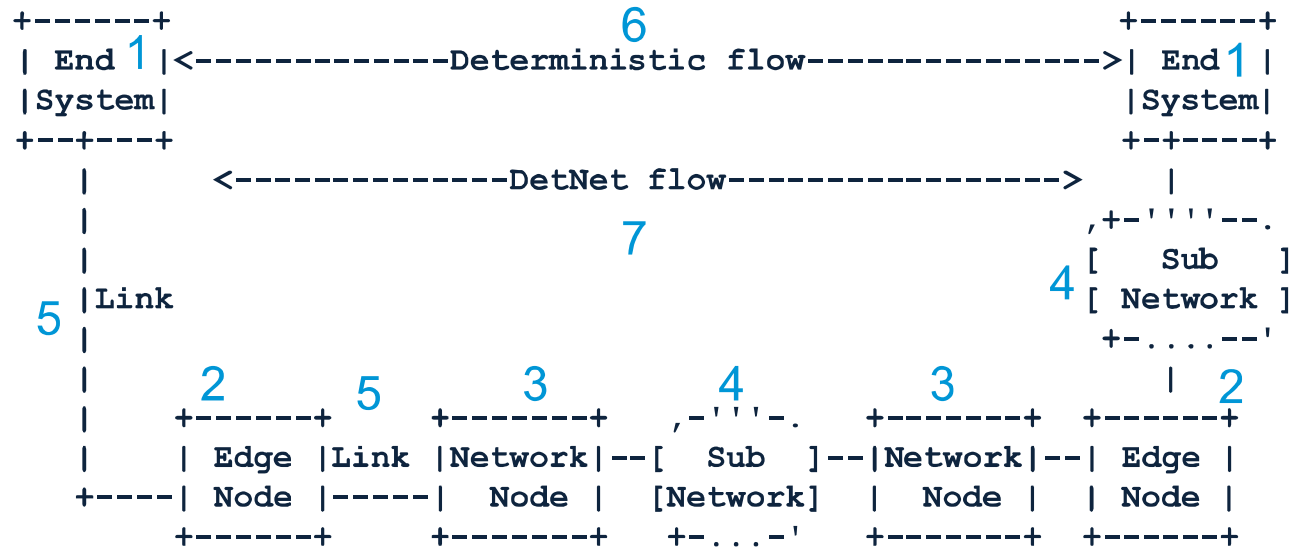
Terminology



Terminology:

- For in-session discussion:

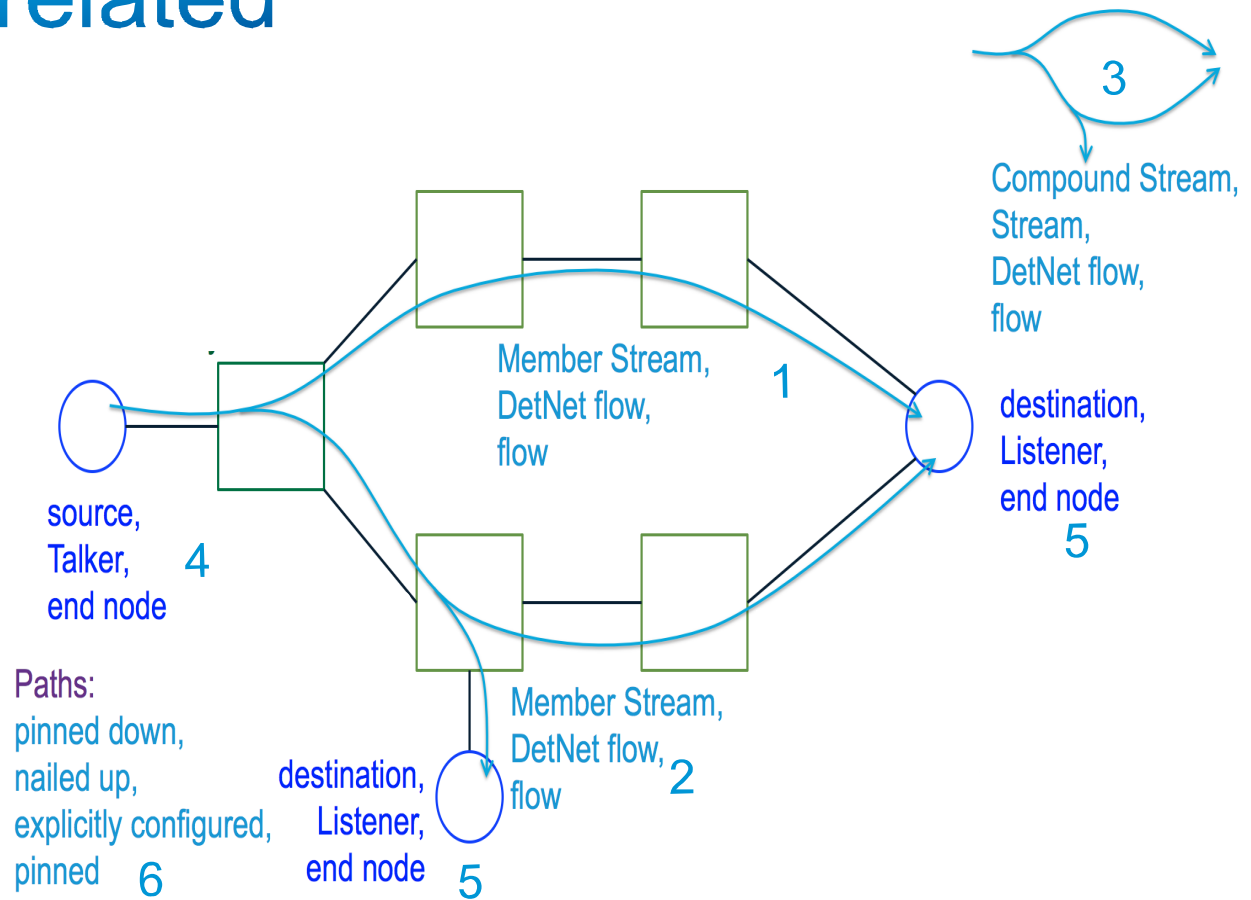
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.



Terminology: flow-related

- For in-session discussion

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.



Next steps

- Results of discussion to be captured in ???
- Document authors should align with discussion

