

Role of design team documents
vs.
other documents

Why discuss?

- Understanding what we should or should not do
- What's the contribution of the design team?
- When is the design team's document "done"?
- Questions about design team work vs. enhanced VPN work

Role of the design team

- The design team is primarily expected to show how a "foreign" concept (slicing) relates to our "familiar" concepts (existing IETF technologies)
- The design team is NOT about new capabilities or technologies (at least in our first iteration)
 - But the design team will define an interface (step 1 is understanding what interfaces exist that can satisfy our definitions and required characteristics, step 2 is augmenting these interfaces)
- The design team should NOT pick any particular technology winners or declare that particular capabilities are the most important ones

Role of the design team documents

- Provide a definition of the foreign concept (or a subset) – definitions document
- Specify an initial set of tailorable slice characteristics – definitions document
- Explain what basic requirements there are – framework document
- Explain what components there are in a system – framework document
- Interfaces – framework document or references
- Discuss general principles* related to mapping – framework document
- Refer to the relevant existing IETF work – framework document (?)
- Relevant considerations, such as security etc. – framework document (?)
- Provide some context and examples – (?)

*) The design team has discussed at what level this description should happen --- at high level or be more specific? Interactions and feedback loops need to be discussed, but the details of mapping technologies not.

Observations

- It is natural for the document to refer to existing IETF technologies
- There should be no drive to "make our own different thing"
- Being able to show what the relationship between different concepts and technologies is very valuable on its own
- Documents may end up being similar to other documents that have approach a topic from the point of view of being agnostic to the specific technologies (e.g., enhanced VPN draft)
 - The enhanced VPN draft did that for the sake of the characteristics they believed were important (isolation), the design team work is doing a similar exercise for the sake of attempting to show how slicing relates to IETF technologies