

Service Topology

Service Topology

- First Try – SFC + high level
- Try 2 - Generic top level
- Try 3 - Forming a Design Team

Augments for Service topology

```
module: i2rs-service-topologies
```

```
augment /nw:network/nw:network-types
```

```
  +--rw service-topologies
```

```
augment /nw:network
```

+--rw service-topology-attributes	Attributes
+--rw name? string	Name
+--rw flag* flag-type	Capabilities
+--rw service-topo-id network-id	Network ID
+--rw node-count uint32	Node Count

Service node

augment /nw:network/nw:node

+--rw service-attributes

+--rw name?	inet:domain-name	Name
+--rw flag*	flag-type	Flag Type
+--rw service-node-id	uint32	Node ID
+--rw node-svc-type	service-type	Service Type
+--rw next-hop	[next-hop-id]	Next Hop
+--rw service-node-extension		Link to other

Link

augment /nw:network/nt:link:

+--rw service-link-attributes

+--rw name? string

+--rw flag* flag-type

+--rw metric? uint32 augment

Termination point

augment /nw:network/nw:node/nt:termination-point:

+--rw service-termination-point-attributes

+--rw tp-svc-id

+--rw (supporting-termination-point) ()

+---:(service)

| +--rw service-network-id leafref

| +--rw service-node-id leafref

| +--rw service-tp-id leafref

+---:(ip)

| +--rw ip-address inet: ip-address

+---:(unnumbered)

+--rw unnumbered-id? uint32