I2RS Use Case Taxonomy

The Porpoise

Make certain we fully understand the problem space

Make certain we fully understand the requirements

- We aren't gathering use cases for fun. ☺
- If a use case doesn't really add to the requirements in some interesting way, we probably don't need to document it

The Process

Cast a wide net for every possible use case

Find the set of use cases that justify/support the widest set of requirements
- ◦ These requirements are the "ultimate goal"
- ◦ Not to be mistaken for any sort of immediate or intermediate goal

Narrow requirements to bite sized chunks
- ◦ Kelp balls of the right size

Build the pieces needed to fulfill that set of requirements

Dip out the next set of requirements to work on

Use Cases

Two ways to think about use cases
◦ Enterprise verses service provider verses content provider
◦ Security verses traffic engineering verses…
◦ Data center verses campus verses core verses…

What is the "right" approach to organizing the use cases
◦ Make certain we have most of the useful use cases
◦ Without too much overlap

Use Cases

	Location			Net		Purpose			
	Core	**Edge**	**DC**	**SP**	**Ent**	**TE**	**Sec**	**Prov**	**Ops**
amante-topology	X	X		X		X		X	X
hares-vn-vc	X	X	X	X	??			X	
hu-overlay		X						X	
keyupate-bgp	X			X		X	X	X	X
white-i2rs	X	X	X	X	X	X	X	X	