Survivability in Object Services Architectures

New Ideas

- Survivable objects to build & manage survivable applications & services
- Survivability policies to tailor applications to different operational environments
- Survivability metrics to drive resource allocation & measure resultant system
- Unification of “quality of service” & survivability resource allocation
- Survivability Service architecture and prototype to protect and evolve OSA software

Impact

- Improved understanding of software composition and evolution
- Tools to evolve software to survive attacks and failures
- Demonstrated ability to evolve software to survive a variety of attacks
- Ability to deploy survivable applications into a variety of environments

Schedule

Survivability Service Toolkit v1.0

Component S:
D = Demonstration

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