Plans on Agreements

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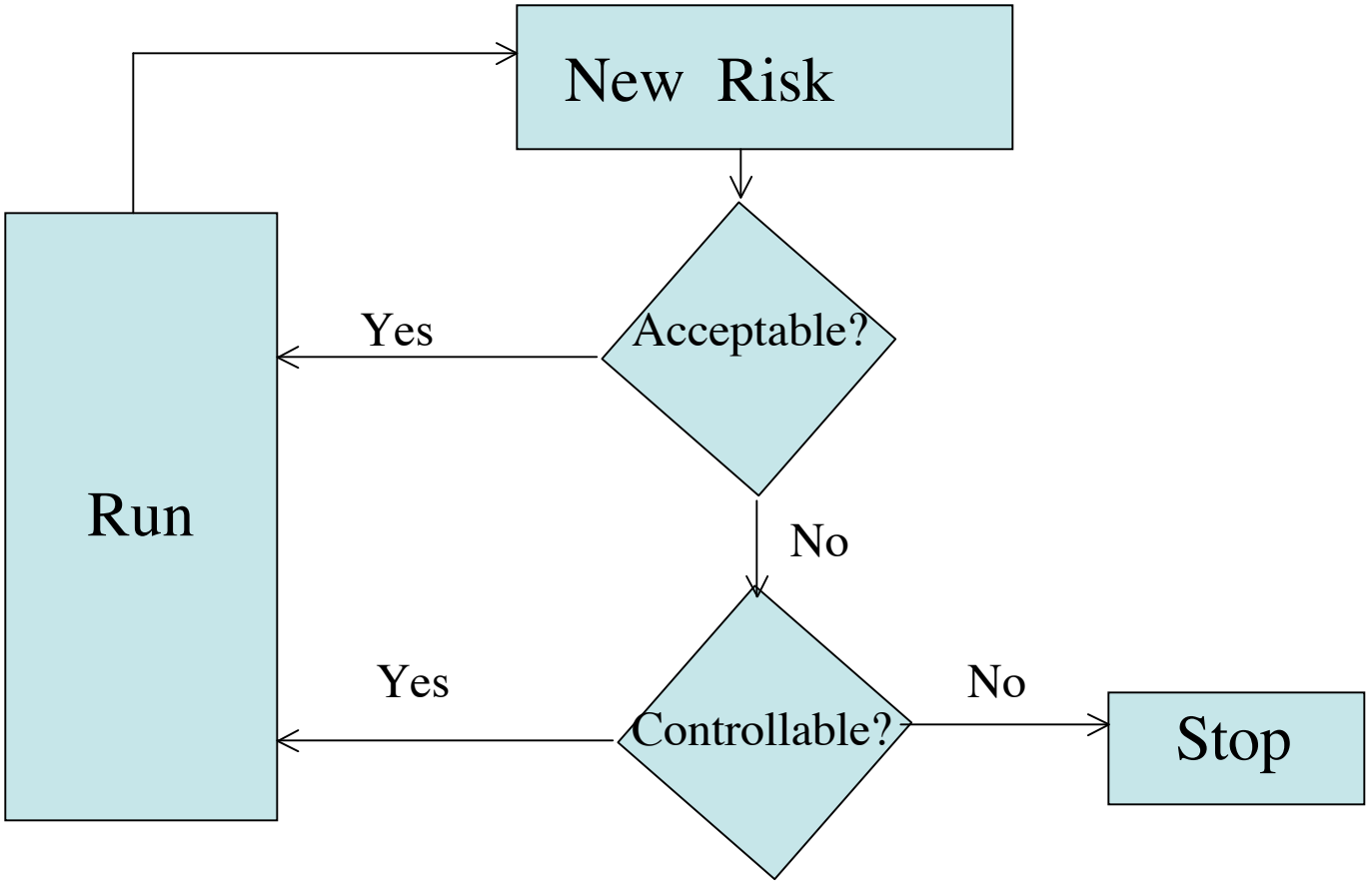
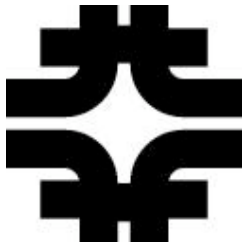
Beginning a VO agreement process

- Inputs
  - The CORE OSG is run by agreements.
  - Exposure to Thinking about Grid Security from the FNAL site perspective.
  - Thinking in Grid Coordination bodies -- Liaison person is Bob. C.

Sysyphus Revisted





Basics

- Protection is risk-based, this defines a party's interest. (risk = threat+ vulnerability)
- Security is a joint activity.
- The party best able to mitigate a risk should do so.
- Relying parties take a risk when they trust another to implement a mitigation.
- Trust is verified by having controls in place.
  - Management, Operational, Technical
  - Until residual risk is **acceptable to each party.**

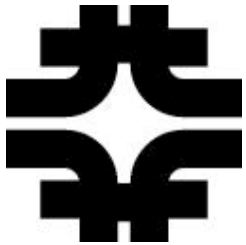
Sites and VO's

- For many reasonable risks, grid technology seems to be such that one party must trust controls that the other must implement.
  - For example, controls over insiders.
- Trust is maintained by checking
- Checking is made more scalable by having good best practices.
- Good best practices are enabled only via a sound understanding of the basics.
- Grid technology is not mature, so BP are hard to state.

Preliminary Thinking at FNAL w.r.t . VO's

- _NOT_ accepted policy
- Need to iterate -- complete, based on risks?
- Draft one text:

- Acceptable use of Fermilab resources is governed by both the VO's and Fermilab's Acceptable Use Policies. The Open Science Grid's User AUP (V2.0, February 9, 2006) is an example of an AUP acceptable to Fermilab and applies to users operating under OSG's auspices.
- A VO must describe and operate its technical infrastructure in a transparent manner which permits verification of its functioning
- A VO must have an operational organization with an appropriate number of staff members who respond to Fermilab requests (email and/or phone calls) within a reasonable time, generally during the normal business hours of its home site.
- A VO must have an established and published response plan to deal with security incidents and reports of unauthorized use, and the staff to implement the plan.



Preliminary Thinking at FNAL (2)

- Seems that there is a trust relationship for every VO.
  - Bad news: VOs have no special status, there is an "agreement"
    - Nature of the trust relationship is different for every VO. Seems to be non-scalable work here :-(
    - Somehow the OSG has to be able to help.
  - Good News: Seems trivial when FNAL is "involved" w/ VO.
    - Sufficient overlap such that the VO is subject to the FNAL CSPP.
    - Nature of the trust relationship is different for every VO

Summary

- Presentation of initial thinking.
- Not (yet) coordinated w OSG Liaison work.
- Mutual reliance seems to be in the cards.
- A journey.