



Service Monitoring and Management

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The Basics

- Service Monitoring
 - What is the state?
 - Has the state changed?
 - Information
- Service Management
 - Change the state
 - Invoke action
 - Did it work?
 - Has the state changed?

Objectives

- Investigate the use of messaging
 - For Service Monitoring and Management
 - No implementation mandated
- Service Management investigation
 - No implementation mandated
- Monitoring interfaces
 - What to implement?
- Monitoring Probes
 - Nagios

Nagios Probes

- Documented specification
 - <http://nagios.sourceforge.net/docs/nagioscore/3/en/pluginapi.html>
- Identify required probes
 - Input from EGI
- Assign responsibilities
 - Map probes to PTs
- Identify missing
 - Add RfC for missing probes

Monitoring Interfaces

- What is the interface?
 - This is the critical aspect
 - Is there standard?
 - Or do use our own propriety interface?
 - What do the sites want?
- Can not start implementation
 - Until the above question has been resolved

Service Management

- Limit to a documentation exercise
 - Expectation management
 - Don't promise to deliver anything
- Implement only if required
 - Specific customer request
 - The must specify EXACTLY what to implement
 - Must include a detailed specification

Summary

- Nagios probes are required
 - And straight forward
- Provision of a monitoring interface
 - Need a specification to implement first
- Service Management
 - Limit to documentation exercise
 - Unless there is a specific customer request
 - Which must include the specification



Thank you!

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