

Requirements - Requirement #632

(Requirement) Monitor the DataONE infrastructure

2010-05-28 20:10 - Dave Vieglaiss

|   |     |                        |           |
|---|-----|------------------------|-----------|
| <b>Status:</b>  | New | <b>Start date:</b>     |           |
| <b>Priority:</b>  | Low | <b>Due date:</b>       |           |
| <b>Assignee:</b>  |     | <b>% Done:</b>         | 0%        |
| <b>Category:</b>  |     | <b>Estimated time:</b> | 0.00 hour |
| <b>Target version:</b>  |     |                        |           |
| <b>Description</b>  |     |                        |           |
| The <a href="#">DataONE</a> project should have a monitoring system that is able to report on overall system health and notify administrators or oather responsible parties when problems arise.  |     |                        |           |
| Rationale   |     |                        |           |
| <a href="#">DataONE</a> is a distributed infrastructure with a premise of high availability. Monitoring helps with not only performance tuning, but also improves responsiveness to failures or unusual events should they emerge.                              |     |                        |           |
| Fit Criteria  |     |                        |           |
| <ul style="list-style-type: none"><li>• System administrators should be notified if a node or service is not accessible.</li><li>• reports on uptime, load, performance, capacity should be available to project participants and perhaps the public.</li></ul> |     |                        |           |