Site status flow, proposal 2

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Enabling Grids for E-sciencE

- **Motivation**
- **Site status flow diagram**
- **Allowed state transistions**
- **Status definitions**
  - In detail
- **Documentation update**
- **Todo**
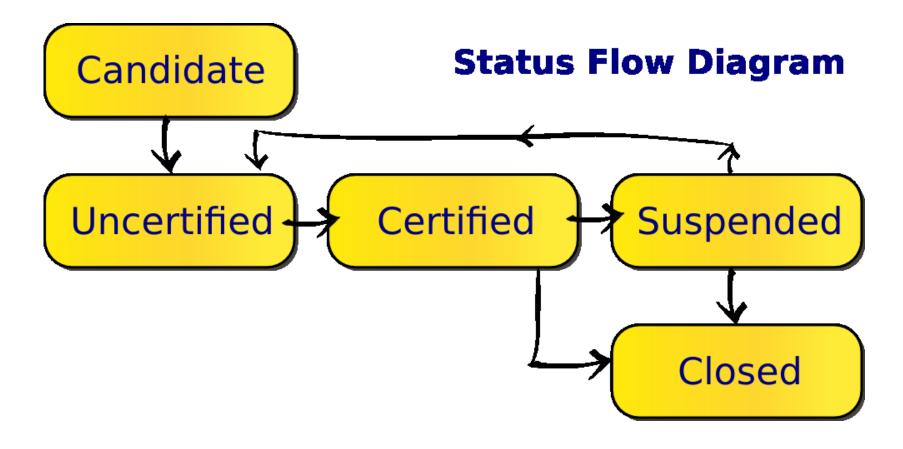- **Proposal validation by ROC managers**

- **Differentiating a site following a "normal course" from a site having a "problematic course".**
- **Unclear state transitions in the past:**
  - different ROCs were using the states differently. (Going from suspended directly again back to certified.)
  - Currently all transistions allowed in GOCDB
- **Proper documention of state change conditions**
- **Clearer definitions of ambigously interpreted states,**
  - especially "uncertified" and "suspended".

- **C-COD/ROD proposal to ROC managers:**

Status Flow Diagram

Candidate → Uncertified → Certified → Suspended

Certified → Closed

Suspended → Closed

- **Allowed examples of site state tranisiton:**
    - suspended -> uncertified -> certified
    - certified -> suspended -> closed
    - certified -> closed (on site request)
- **Forbidden example:**
    - ~~suspended -> certified~~
- **Implementation into GOCDB needed**
    - so that only allowed state transitions will be possible

- **Candidate:**
  - Site has just been declared to GOCDB and information is still not complete.

- **Uncertified:**
  - ROC has validated the site info.

- **Certified:**
  - ROC has verified that the site has all middleware installed, passes the tests and appears stable.

- **Suspended:**
  - Site does temporarily not conform to EGEE production requirements and requires NGI/ROC attention.

- **Closed:**
  - Site is definitely no longer operated by EGEE and is only shown for history reasons

- **The uncertified state**
  - would generally be an information that site is ready to start certification procedure (again).
  - It can also be used as a <u>timewise unlimited state</u> for sites having to keep an old version of the middleware for the absolute needs of an important international VO or to flag a site coping with NGIs/ROCs requirements but not with EGI/EGEE availability/reliability thresholds.

- **The closed state**
  - should be the terminal one. Suspended is not a terminal state.

- **Suspended: site does temporarily not conform to EGEE production requirements (EGEE SLAs, security matters) and requires NGI/ROC attention.**

- **"suspended" is always having a temporary meaning:**
  - It is used to flag a site temporarily not coping with with EGI/EGEE availability/reliability thresholds and which should be closed or uncertified by NGIs/ROCs within 4 months.

- **New Procedure:**
  - NGI/ROC has to see that after some time into this status the site status is set to "closed" or that the site is brought back in production through the uncertified status.
  - Suggested max time of a site being in suspended: 4 months

- **Motivation for keeping the suspended state:**
  - It is useful to EGI/EGEE and to the NGIs/ROCs themselves to flag the sites that require attention by the NGIs/ROCs.
  - When being suspended, sites can express that they want to pass certification again.

- **No procedure change proposed.**

- **"Once the site form within GOCDB is completed and the ROC's specific tests set or the local SAM instance are being passed for a week - the site status is changed to /certified/ by its own ROC. "**
    - $5.1.1 in the Operational Manual for ROCs and Sites

    - Minimum time of one week, in case the site passes all tests.

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- **Operational Manual Documentation update:**
  - Status flow diagram
  - Status description (detailed)
  - New procedure for NGI/ROC that suspended sites have to be handeled within 4 months for a final decision.
- **Best Common Practices (BCP) update:**
  - The site should contact the ROC manager when in suspended state and declare readiness to confirm to production requirement standards again or request to be closed.
  - If the site hasn't contacted the ROC manager within 4 months NGI/ROC should set the state to closed. The ROC manager may send a final warning with a one week deadline to the site before actually closing.

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- **GOCDB implemention:**
  - so that no other transistions are any longer possible
- **Update of GOCDB User Documentation**
- **Update of BCP**
- **Update of Operational Manual**
- **ROC managers:**
  - chase up currently suspended sites,
  - decide on their catagory and fate and
  - regularly give their attention to all their suspended sites, so that they are processed within the given max time of 4 months.

Validation by ROC managers

- **Things to validate by ROC managers:**

- **Status flow as presented,**
- **Partially new status defintions:**
  - suspended
  - uncertified
- **New procedure:**
  - Reminder from project head to close or uncertify temporarily suspended sites 4 months after suspension,
- **Documentation updates as suggested.**

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