

Security Product Team.

John White (for the Security Cluster team)

- gLite Components
- gLite Resources
- gLite Working plans
- gLite Issues

- Components in the Security Product Team as defined in TMB.
 - Delegation Framework (CERN, HIP, UniMan)
 - Trustmanager/Util-Java (HIP)
 - Hydra/DICOM (HIP)
 - myProxy Integration (HIP)
 - LCAS/LCMAPS (NIKHEF)
 - glExec (NIKHEF)
 - SCAS (NIKHEF)
 - Gridsite (UniMan)

- **Next Release.**
 - Nothing planned immediately.
- **Planned Releases.**
 - Next release will depend on internal resources.
 - We will work on the Delegation Service (reverse delegation) when:
 - ▶ Trustmanger/Util-Java release finished.
 - ▶ We have a clear message from TMB for this task.
- **Open bugs/issues.**
 - Reverse delegation.
 - No outstanding bugs.

- **Next Release.**

- Release 2.0
- <https://savannah.cern.ch/patch/index.php?2624>
- Automatic CA changes, CA/CRL file endings, tomcat6.
- CRL updates minimized, connection fix for RC4 cipher.
- slf4j usage.
 - ▶ Namespace checking

- **Planned Releases.**

- Next release not planned yet.
 - ▶ After the delegation framework release.
 - ▶ Trustmanager: Hostname checking, proxy extension checking
 - ▶ Util-Java: Proxy generation

- **Open bugs/issues.**

- Strange interaction in the PAP code with VOMS APIs.

- **Next Release. Series of patches:**
 - <https://savannah.cern.ch/patch/index.php?2854>
 - <https://savannah.cern.ch/patch/index.php?2855>
 - <https://savannah.cern.ch/patch/index.php?2857>
- **Planned Releases.**
 - Based on resource planning: October 2009.
- **Open bugs/issues.**
 - Putting files with `glite-eds-put` needs sorting.
 - ▶ <https://savannah.cern.ch/bugs/?41592>

- **Next Release.**
 - We do not release MyProxy.
- **Planned Releases.**
 - None planned.
- **Open bugs/issues.**
 - VOMS attributes support in server configuration.
 - ▶ <https://savannah.cern.ch/bugs/index.php?49610>
 - ▶ <https://savannah.cern.ch/bugs/index.php?43604>

- **Next Release.**
 - <https://savannah.cern.ch/patch/index.php?2990>.
 - ▶ Cloned from 2635. LCMAPS version changed.
 - <https://savannah.cern.ch/patch/index.php?2973>.
 - Versions for WN and CREAM.
- **Planned Releases.**
 - Regular release schedule not before summer.
 - Summer disruptions and EGEE09 conference.
 - Dependencies between gLExec and SCAS.
 - Need to coordinate with VOMS as well.
- **Open bugs/issues/status.**
 - LCAS/LCMAPS now on the NIKHEF PS with SCAS.
 - Also FZK and in2p3...

- **Next Release.**

- <https://savannah.cern.ch/patch/index.php?2973>. (RfI)
 - ▶ This patch deals with all known gLexec bugs.
 - ▶ gLexec 0.6.8-2
 - ▶ Replaces patch 2770 (obsoleted), patch 2892 (orig. 2829).

- **Planned Releases.**

- gLexec is evolving fast.
 - ▶ Cleanup of code.
 - ▶ Security updates from outside analysis (UW Mad.)?
 - ▶ WN operation experience.
- Regular release schedule not before summer.
- Summer disruptions and EGEE09 conference.
- Dependencies between LCAS/LCMAPS, plugins and SCAS.

- **Open bugs/issues.**

- <https://savannah.cern.ch/patch/index.php?2973>
- Next set based on WN/CREAM experience.

- **Next Release.**

- Service: <https://savannah.cern.ch/patch/index.php?2767>
 - ▶ Needs to synchronize to patch 2973 (or YUM will do it!).
- Client: <https://savannah.cern.ch/patch/index.php?2973>.
 - ▶ gLexec patch. More later.

- **Planned Releases.**

- SCAS needs to be released as above...
- Next “release” will be as EES.

- **Open bugs/issues/status.**

- SCAS now on the NIKHEF PS, also FZK and in2p3...

- **Next Release.**
 - Gridsite on x86_64.
 - <https://savannah.cern.ch/patch/index.php?2634>.
- **Planned Releases.**
 - Gridsite 1.8 for VOMS LSC handling.
 - ▶ **BUT. No need to make new version for gLite.**
 - ▶ **Back port to 1.5 only? At direction of EMT?**
- **Open bugs/issues.**
 - <https://savannah.cern.ch/bugs/index.php?28655>
 - <https://savannah.cern.ch/bugs/index.php?37573>
 - <https://savannah.cern.ch/bugs/index.php?39254>
 - <https://savannah.cern.ch/bugs/index.php?41627>
 - <https://savannah.cern.ch/bugs/index.php?41628>

- **Delegation Framework.**
 - October 2009, Reverse Delegation
- **Trustmanager/Util-Java.**
 - June 2009, V 2.0
 - October 2009, V 2.5
- **Hydra/EDS.**
 - July 2009, Definitive fix for put file.
- **MyProxy.**
 - No plans.
- **LCAS/LCMAPS.**
 - Releases based on WN/CREAM experiences.
- **gLexec.**
 - Releases based on WN/CREAM experiences.
- **SCAS.**
 - Releases based on WN/CREAM experiences.
- **Gridsite.**
 - Back port of 1.8 to 1.5 “about a month away”.

Institute	Components	Development	Certification
CERN	Delegation Framework*	0.0	0.0
HIP	Delegation Framework*	2.0	0.5 (0.25)
	Trustmanager/Util-Java		
	Hydra/DICOM		
	MyProxy Integration		
NIKHEF	LCAS/LCMAPS	1.5	1.0
	glExec		
	SCAS		
UniMan	Gridsite	0.5	0.0

- Some resources currently do other work.

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- **Some resources currently do other work.**
- **Question: Effort consumed so far for certification of these components?**

- **No deviation from the current development practices.**
 - Receive bugs, analyze and fix.
 - Collected into a patch.
 - Critical bugs released immediately in patch.
 - ▶ Possibly “one bug” patches?
 - Patch(es) collected into a release.
- **Planned Releases.**
 - These releases are more based on scheduling.
 - ▶ Personnel, conferences, reviews etc.
 - Technical considerations driven by clients.
- **Certification process.**
 - Same as now.
- **Node types.**
 - Who assembles these?
 - Careful central coordination needed still.

May 5th 2009, 224(JRA1)/906 Patches total

Open - 31

Closed - 194

Ready for Cert	4
In certification	4
In Pre-Prod	8
Obsolete	2
Ready for Int	2
With Provider	11

Ready for Cert	1
Certified	1
Incomplete	1
With Provider	1
Obsolete	50
Rejected	36
In Production	103

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Results open to interpretation...

- Security components across many nodes.
 - .
- Planned Releases.
 - .
- Open bugs/issues.
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