

Operations Portal

Grid Oversight
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▪ **Release 2.6.3 and 2.6.4**

- . Interface to update operations tests (NGI or EGI scope)
- . Permalinks for the dashboard
 - . For a given NGI
 - . [https://operations-portal.egi.eu/dahsboard/view/ngi/\\$yournginame](https://operations-portal.egi.eu/dahsboard/view/ngi/$yournginame)
 - . For a given Site
 - . [https://operations-portal.egi.eu/dahsboard/view/site/\\$yoursitename](https://operations-portal.egi.eu/dahsboard/view/site/$yoursitename)
- . Synchronization exchange between regional / central portals
- . CSI dashboard : candidate release without RT connection

▪ **Release 2.7 (October)**

CSI dashboard : official release with RT connection

- **Synchronization with Nagios via AMQ**

=> Problems encountered essentially due to network glitch

- Use of 2 brokers
- Nagios recoveries sent twice (6 h of delay)

- **Synchronization between regional and central portal**

- The regional portal is the authoritative source and the central portal is updated with its data .
- The regional portal could work without the central one .
- The information are encapsulated to avoid problems with special characters .

Goal

Detect and inform sites about security incidents and vulnerabilities.
Propose an adapted display and workflow to open tickets against sites in the Operations Dashboard.

Achieved work

- Authentication model : authorization is applied based on GOC DB and EGI SSO in order that security staff access only data in their own scope (EGI / NGI or site)
- Summary of the current issues : Nagios and pakiti with historical details + Notepads and attached problems
- Possibility to create / update notepads against the site and attach problems to this notepad .
- Possibility to generate dynamically metrics (table or charts)
- Possibility to manage / declare events

Remaining work

Extension of the notepad to tickets into RT

5 vulnerabilities detected ?

CVE-2011-0536	30
CVE-2010-3859	28
CVE-2010-3904	11
CVE-2010-3856	5
CVE-2010-3847	5

9 nagios problem detected ?

eu.egi.sec.WN-Pakiti-ops	485
eu.egi.sec.WN-RDSModuleCheck-ops	228
eu.egi.sec.WN-Permissions-ops	118
eu.egi.sec.WN-CRL-ops	39
eu.egi.sec.CREAMCE-JobSubmit-ops	21
eu.egi.sec.WN-Torque-ops	16
eu.egi.sec.CE-JobSubmit-ops	15

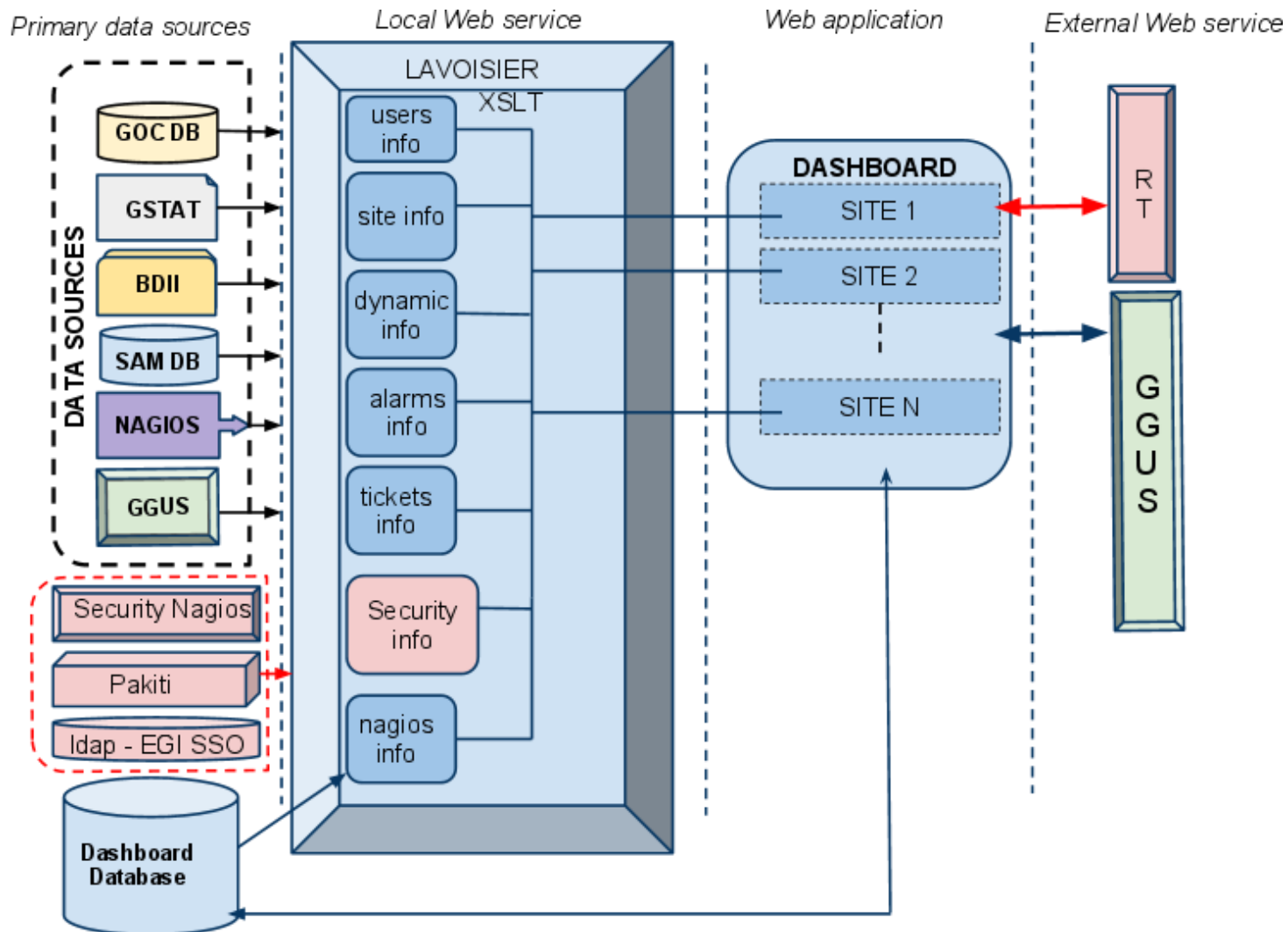
1 2

5 on-going Events ?

- [Downtime of pakiti](#)
- [Downtime of nagios](#)
- [test date](#)
- [Message to delete](#)
- [long titre pour un event voir très long](#)

overview > ngi > all (34)

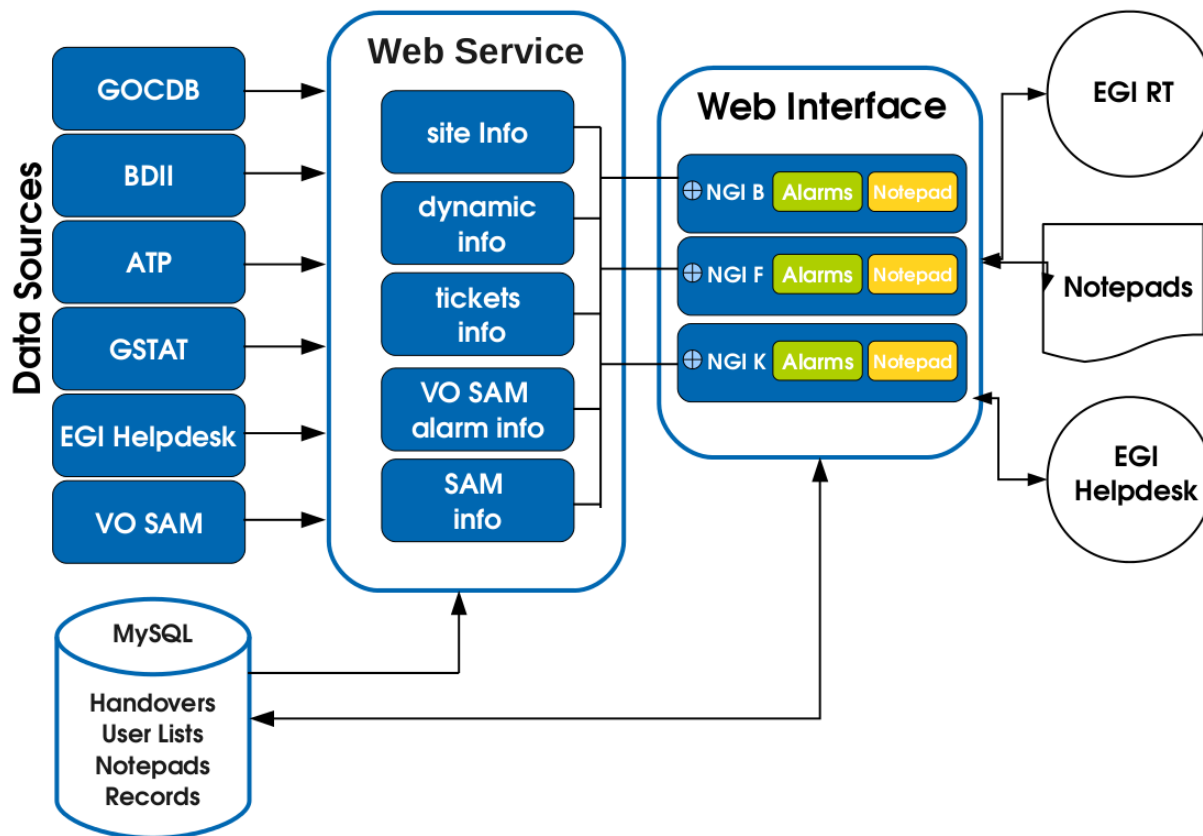
DETAILS	NGI	EGI-CRITICAL	EGI-HIGH	NAGIOS PROBLEM(S)	NOTEPAD
+	CERN			26	2
+	NGI_FRANCE	4		100	2
+	NGI_NDGE	3		25	5
+	NGI_PL			17	1
+	UKI	3		82	4
+	NGI_IT	18		159	
+	NGI_BERG RID	16		87	
+	AsiaPacific	3		86	
+	NGI_DE	3		49	
+	Russia	4		48	
+	NGI_RO	7		29	
+	NGI_NL	3		29	
+	NGI_GRNET	2		28	
+	ROC_Canada	3		24	
+	NGI_BG			17	
+	ROC_LA	1		15	



- Collecting results from Nagios
- The basic “unit” of the report will be a site, the Dashboard will be able to “construct” a VO view out of the relevant sites.
- Providing a view of a VO/NGI/site
- Proper access control must be applied : VO shifters either declared in the VO ID cards either based on a VOMS role
- Dispatching alerts when needed
- Operations functions – links to GOC DB, EGI RT , GGUS or Gstat
- Reporting functions – generation on demand and automatically on regular basis
- compute VO metrics based on the numbers gathered
- Possibility to declare a list of tests to take into account on a VO basis.

Different additional communication channels :

- notepad to send a note to the site
- handover to communicate between shifters



The dashboard will use the different components developed for the Csi dashboard and the VO oriented dashboard with the possible evolutions :

- Ajax use to load information only if needed – Load of page < 5 sec
- Automatic load sites list / scope used
- Automatic closure of alarm (Ok status)
- No direct relation between alarm / ticket (only tickets will be closed)
- Events manager – On duty shifts
- Dynamic charts for metrics