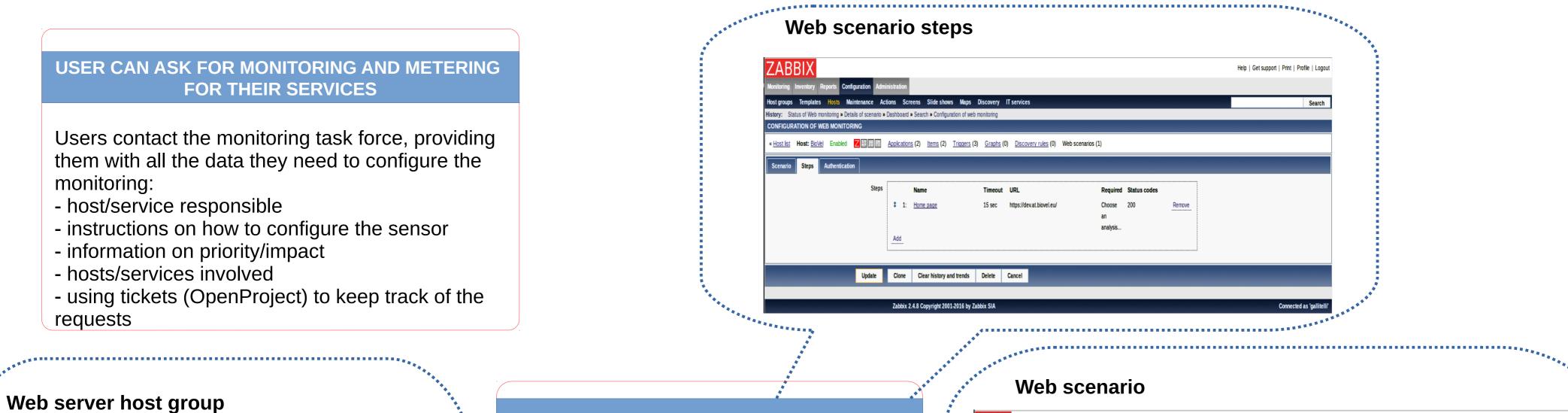


Implementing resource monitoring for users in a EGI FedCloud Resource Centre

Users, research groups and cloud developers are increasingly asking to monitor their hosts and services, to be notified about performance and functionality problems and to get graphs about the usage of the resources.

G.Donvito, R.Gallitelli, A.Italiano, V.Spinoso, R.Valentini **INFN BARI**



MONITORING OF A WEB SERVER

avarage download speed per second for

several HTTP requests or steps ,to check

• Configure Steps for the scenario consists in

Configure Authentcation : none, basic, NTML

• Data collected is automatically used for

- avarage download speed per second

- graph (alternatively also Grafana tool 🛼

could be used as rendering of metrics)

all steps of the scenario

number of failed steps

last error message

collecting information about:

- response code

- response time

triggers,

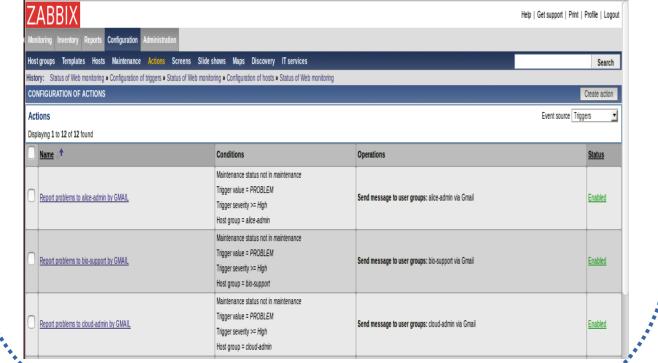
notifications

several aspects of a web site

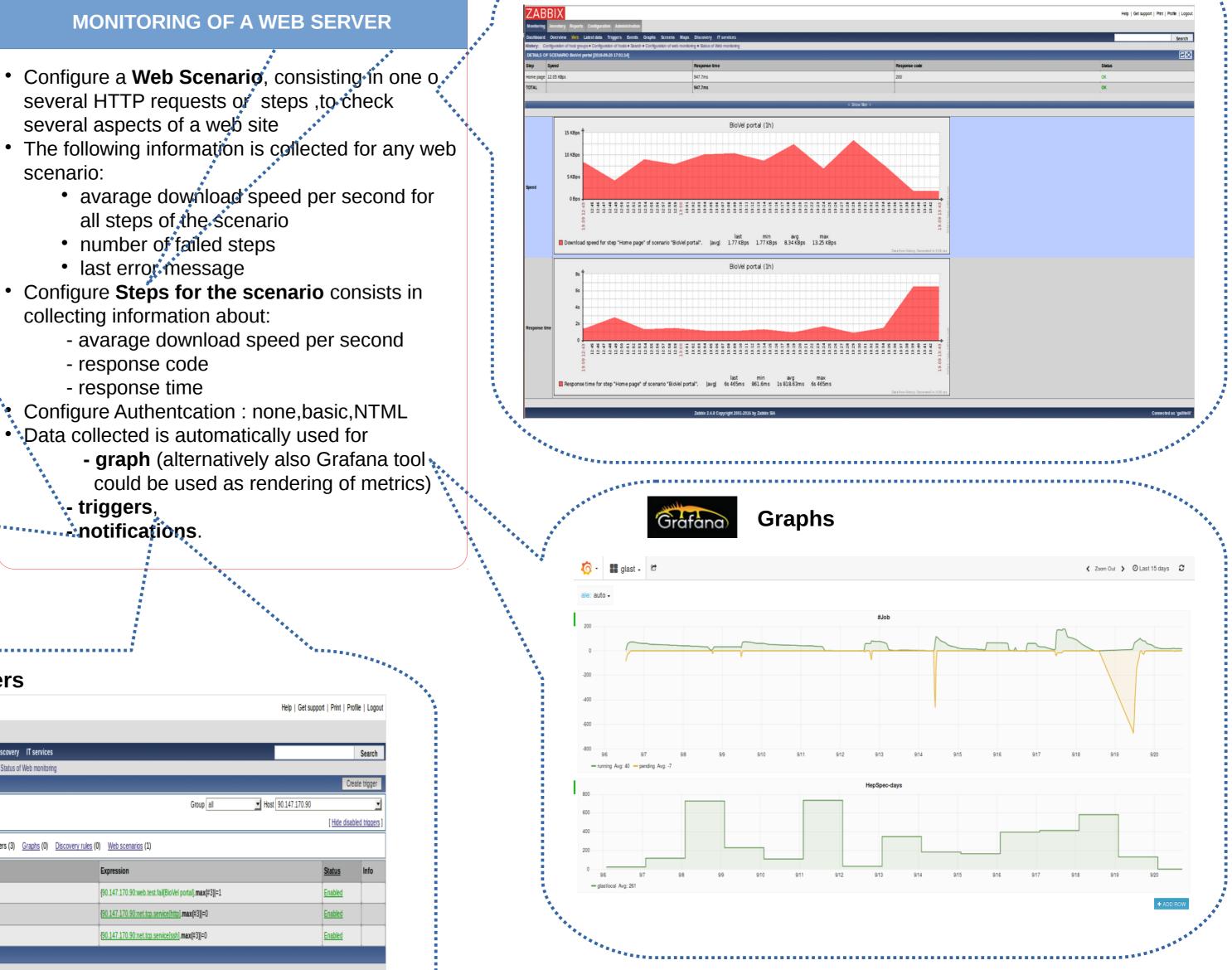
scenario:

ZABBIX Help Get support Print Profile Logo												
Moni	nitoring Inventory	Reports Config	uration Administration									
Host	t groups Template	es Hosts Mai	ntenance Actions Screens Slide shows Maps Discovery IT services	Search								
Histo	listory: Status of Web monitoring > Configuration of actions > Status of Web monitoring > Configuration of host groups > Configuration of hosts											
CONFIGURATION OF HOST GROUPS Create host group												
				Cleate host group								
_	st groups			cicate nost group								
Hos				Create unor Bunch								
Hos	st groups		Members	Cicale inst group								
Hos Displ	st groups Daying 1 to 32 of 32 in Name		Members									
Hos Displ	st groups playing 1 to 32 of 32 i	iound #										
Hos Disp	st groups Daying 1 to 32 of 32 in Name	found # Templates (0)	Members									

Web server action for notifications







AUTO-REGISTRATION DISCOVERY

Monitoring for new user resources can be automatically configured by client

	Auto-reg	ction	ZABBIX					Help Get support Print Profile Logout		
7				Monitoring Inventory Reports Configuration Administration						
Z	ZABBIX				Host groups Templates Hosts Maintenance Actions Screens Slide shows Maps Discovery IT services Search					
Мо	Monitoring Inventory Reports Configuration Administration				History: Configuration of hosts » Configuration of actions » Configuration of host groups » Configuration of web monitoring » Configuration of actions					
Ho	Host groups Templates Hosts Maintenance Actions Screens Slide shows Maps Discovery IT services				CONFIGURATION OF ACTIONS					
Hist	History: Search » Configuration of hosts » Configuration of actions » Configuration of host groups » Configuration of web monitoring				Conditions Op	erations				
СС	ONFIGURATION OF ACTION									
Ac	Actions				Action	operations	Details	Action		
Dis	Displaying 1 to 10 of 10 found						Send message to users: RecasMngtList via Gmail	Edit Remove		
0	Name 1	Conditions	Operations				Add host	Edit Remove		
_			Add host				Link to templates: Template OS Linux	Edit Remove		
	Batch Autoregistration	Host metadata like batch	Link to templates: Template App SSH Service				Link to templates: Template App SSH Service	Edit Remove		
			Link to templates: Template OS Linux				New			
	cephosd	Host metadata like cephosd	Send message to users: RecasMngtList via Gmail							
			Add host		Update	Update	Cione Delete Cancel			
			Add to host groups: cloud-admin	_						
			Link to templates: Template App Ceph OSD, Template App SSH Service, Template OS Linux	-						
	Cloud Autoregistration	Host metadata like <i>cloud</i>	Send message to users: RecasMngtList via Gmail			Zabbix 2.4.8 Copyright 2001-2016 by Zabbix SIA			Connected as 'gallitelli'	
			Add host			Enabled				
			Link to templates: Template OS Linux							
<u> </u>	-		Link to templates: Template App SSH Service							

Digital Infrastructures for Research 2016

www.digitalinfrastructures.eu

- Krakow, Poland - 28-30 September 2016

Auto-registration action details