D4Science Infrastructure - Task #10597

Give the ability to enable and configure the tomcat manager when we use the tomcat-multiple-instances role

Dec 06, 2017 02:02 PM - Andrea Dell'Amico

Status:	Closed		**Start date:**	Dec 06, 2017
Priority:	Normal		**Due date:**	
Assignee:	Andrea Dell'Amico		**% Done:**	100%
Category:	System Application		**Estimated time:**	0.00 hour
Target version:	No Sprint			
Infrastructure:	Development, Pre-Production, Production			

Description
Also, arbitrary additional users and roles must be accepted and managed. Also, the nginx template used by smartgears must expose the /manager context (with ACLs)

History

#2 - Dec 06, 2017 02:30 PM - Andrea Dell'Amico

- Status changed from New to In Progress

#3 - Dec 06, 2017 03:59 PM - Andrea Dell'Amico

The configuration will be global. It will affect all the tomcat instances installed on a node.

#4 - Dec 06, 2017 04:30 PM - Andrea Dell'Amico

- % Done changed from 0 to 70

The tomcat part should be complete.

#5 - Dec 06, 2017 05:04 PM - Andrea Dell'Amico

- % Done changed from 70 to 100

The smartgears side is also ready to be tested. The template part is:

```
{% if tomcat_m_manager_install or tomcat_m_host_manager_install %}
{% if smartgears_tomcat_manager_exposed %}
location /manager {
    {% for acl in smartgears_tomcat_manager_access_acls %}
    {{ acl.policy }} {{ acl.address }};
    {% endfor %}
    proxy_pass http://127.0.0.1:{{ smartgears_http_port }}/manager;
}
{% endif %}
{% endif %}
```

So that we have a lot of options:

- activate the manager but do not expose at all
- expose it to a range of addresses
- expose it to the world (this is the default if smartgears_tomcat_manager_exposed is set to True and smartgears_tomcat_manager_access_acls is not overwritten)

The defaults are:

```
smartgears_tomcat_manager_exposed: False
smartgears_tomcat_manager_access_acls:
  - { policy: 'allow' address: '0.0.0.0/0' }
```

#6 - Dec 06, 2017 06:06 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed

It's working, just tested on thredds-d-d4s.d4science.org.

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