D4Science Infrastructure - Task #183

tomcat running as root user under port 80

May 29, 2015 11:24 AM - Roberto Cirillo

Status:	Closed		**Start date:**	May 30, 2015
Priority:	Normal		**Due date:**	
Assignee:	Andrea Dell'Amico		**% Done:**	100%
Category:	System Application		**Estimated time:**	0.00 hour
Target version:	improve tomcat security			
Infrastructure:	Development, Production			

Description

The following list contains all tomcat instances in production, running as root user under port 80:

```
node57.p.d4science.research-infrastructures.eu   - UsageTracker service
geonetwork.d4science.org                          - Geonetwork
geonetwork.geothermaldata.d4science.org           - Geonetwork
wps.statistical.d4science.org                     - WPS server
```

If possible, the new tomcat instances should be running under an unprivileged user.

Subtasks:

Task # 205: Automate the installation and configuration of the geonetwork servers	**Closed**
Task # 206: Automate the installation of wps.statistical.d4science.org	**Closed**

Related issues:

Related to D4Science Infrastructure - Task #536: Thredds: tomcat runs as root	**Closed**	**Sep 23, 2015**
Related to D4Science Infrastructure - Task #4771: Run smartgears on the rstud...	**Closed**	**Jul 21, 2016**

History

#1 - May 30, 2015 08:27 PM - Andrea Dell'Amico

The tomcat on node57.p.d4science.research-infrastructures.eu is running as 'transact' user and it's listening on port 8080. But I see a problem with the distribution: it's a Ubuntu 11.04, so it is unmantained.

#2 - Jun 04, 2015 05:21 PM - Andrea Dell'Amico

- Due date set to May 30, 2015

due to changes in a related task

#3 - Jun 04, 2015 05:31 PM - Andrea Dell'Amico

Roberto Cirillo wrote:

> The following list contains all tomcat instances in production, running as root user under port 80:
>
> ```
> node57.p.d4science.research-infrastructures.eu   - UsageTracker service
> geonetwork.d4science.org                          - Geonetwork
> geonetwork.geothermaldata.d4science.org           - Geonetwork
> wps.statistical.d4science.org                     - WPS server
> ```
>
> If possible, the new tomcat instances should be running under an unprivileged user.

Other tomcat instances running as root:

thredds.research-infrastructures.eu
rstudio.p.d4science.research-infrastructures.eu

#4 - Sep 04, 2015 12:42 PM - Andrea Dell'Amico

- Related to Task #536: Thredds: tomcat runs as root added

#5 - Sep 04, 2015 12:45 PM - Andrea Dell'Amico

- Target version changed from System Configuration to improve tomcat security

#7 - Jul 21, 2016 01:38 PM - Andrea Dell'Amico

- Related to Task #4771: Run smartgears on the rstudio-server instances as unprivileged user added

#8 - Jul 22, 2016 02:19 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- Infrastructure Development added

tomcat instances still running as root:

- wps.statistical.d4science.org
- the geonetworks (there's a dev installation running unprivileged)

#9 - Mar 22, 2017 07:35 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed

Those ones will die, eventually