

D4Science Infrastructure - Task #4231

Task # 4227 (Closed): Activate a VPN service to grant complete access to the servers network from outside

Better authentication system for the openvpn server

Jun 11, 2016 12:53 PM - Andrea Dell'Amico

Status:	Closed	Start date:	Jun 11, 2016
Priority:	Normal	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	System Configuration		
Infrastructure:	Development, Pre-Production, Production		
Description We are using the pam module with local users, right now. A more secure and manageable system should use a 2FA authentication: <ul style="list-style-type: none">• local certificates (the personal INFN ones are OK)• username authentication via LDAP (a special group is needed to not open access to everyone)			
Related issues: Related to D4Science Infrastructure - Task #4229: Configure OpenVPN on gw.d4s... Closed Jun 11, 2016			

History

#1 - Jun 11, 2016 12:53 PM - Andrea Dell'Amico

- Related to Task #4229: Configure OpenVPN on gw.d4science.org added

#2 - Jun 11, 2016 05:00 PM - Andrea Dell'Amico

Different routes for different users could also be used, so that we can access the console servers without exposing them to all the people.

#3 - Sep 07, 2016 02:57 PM - Andrea Dell'Amico

- Status changed from New to In Progress

Update: the openldap-auth-ldap package is broken, openvpn crashes when the plugin is used. Need to find another way.

#4 - Sep 07, 2016 05:28 PM - Andrea Dell'Amico

- % Done changed from 0 to 50

We are now authenticating against the ldap server. An external perl script is doing the checks against the ldap server and the vpn_users group.

#5 - Sep 07, 2016 10:32 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed

- % Done changed from 50 to 100

The certificates authentication is enabled too.