

GlideinWMS - Support #24432

Complete orientation & training for the GlideinWMS project

05/18/2020 03:32 PM - Marco Mambelli

Status:	Closed	Start date:	05/18/2020
Priority:	Normal	Due date:	
Assignee:	Lerayah Neely-brown	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	v3_6_4	Spent time:	0.00 hour
Stakeholders:			

Description

You have to complete the following steps in order to get you familiar with GlideinWMS and the tools used in the collaboration:

1. Get a FNAL ID number and username (ID), Fermilab Kerberos and services accounts (Windows account is not required)
2. Receive a laptop w/ account (FNAL ID) and a property pass (requires 1)
3. Request Fermicloud access (service now ticket, requires services account)
4. Get and check Redmine access as GWMS developers (requires services account)
5. Get an x509 certificate (via CILogon and/or kx509?)
6. Check that you have been added to the glideinWMS mailing list to receive the updates (glideinwms@fnal.gov)
7. Request to be added to Fermilab computing SLACK (fnal.slack.com) using your Fermilab email, and the #glideinWMS channel
8. Create a github.com account and communicate your username to the GlideinWMS team
9. Read or attend to the following orientation presentations:
 - Basic concepts introduction: <https://cdcv.s.fnal.gov/redmine/attachments/download/54764/Basic%20Concepts.pdf>
 - Introductory presentation (GWMS): <https://cdcv.s.fnal.gov/redmine/attachments/download/54767/GlideinWMS.pdf>
 - Security in distributed computing: <https://cdcv.s.fnal.gov/redmine/attachments/download/54768/SecuritybasicsforGWMS.pdf>
 - Fermicloud hands-on: <https://cdcv.s.fnal.gov/redmine/attachments/download/54766/Fermicloud.pdf>
10. Follow the following shell tutorial (if needed): <https://swcarpentry.github.io/shell-novice/> (the source code is on GitHub)
11. Follow the following Git tutorial (if needed): <https://swcarpentry.github.io/git-novice/>
12. Follow the following introduction to Python (if needed). Lesson 1, 2, 3 and exercises: <https://sites.google.com/view/targetpython/>
13. Ask for git, vi and shell cheat sheets. Practice basic shell commands (navigation, file operations) and create/edit a file with vi (if needed)

Here a few optional references to learn more about some topics:

- Shell/bash
 - Classic: <http://www.tldp.org/LDP/abs/html/>
 - Break it down: <http://explainshell.com>
 - Great guide: <http://wiki.bash-hackers.org/>
 - Good to know: <https://mywiki.woledge.org/BashPitfalls>

History

#1 - 05/18/2020 08:10 PM - Marco Mambelli

Updated documents links:

- Glossary of GlideinWMS terms - Basic Concepts (to use as reference): <https://glideinwms.fnal.gov/presentations/intro/GlideinWMSGlossary.pdf>
- Introductory presentation (GWMS): <https://glideinwms.fnal.gov/presentations/intro/GlideinWMS.pdf>
- Security in distributed computing: <https://glideinwms.fnal.gov/presentations/intro/GlideinWMSecurityBrief.pdf>
- Fermicloud hands-on: <https://glideinwms.fnal.gov/presentations/intro/FermicloudInstructions.pdf>

#2 - 05/22/2020 05:30 PM - Lerayah Neely-brown

- % Done changed from 0 to 90

#3 - 05/26/2020 02:16 PM - Lerayah Neely-brown

- % Done changed from 90 to 100

#4 - 08/18/2020 03:10 PM - Marco Mambelli

- Status changed from New to Closed