



Federated Cloud Security

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Network configuration discovery

- meeting with the GLUE Working Group
- new information about cloud sites will be published
 - ports required by images
 - network configuration at a site (private or public by default, public network name)
- already discussed/agreed by the security people
 - https://redmine.ogf.org/dmsf/glue-wg?folder_id=6625
- GLUE WG plans to circulate a version for public comment during August
- implementation update in the cloud-info-provider should start ASAP (Baptiste)

Middleware

- ongoing effort working on providing some Ansible roles to help deploying the services required for joining EGI FedCloud
 - <https://galaxy.ansible.com/EGI-Foundation/>
- all the products are in CMD
 - exception is APEL-SSM for Ubuntu, the next APEL-SSM release will be
- need to revise the general UMD process (used also for CMD) to include a security assessment step before including a new product in the release
 - which checks to perform?

Infrastructure status

- 21 certified total cloud Resource Centres
 - 15 running supported releases of OpenStack/OpenNebula (Mitaka with Ubuntu LTS, Ocata, Pike, OpenNebula 5)
 - 3 running old releases
 - 1 OpenNebula 4
 - 2 OpenStack Newton
 - 3 still to provide status and plans (wiki outdated?)
 - 1 Juno
 - 1 Newton
 - 1 OpenNebula 4
- There is a sensible direction on OpenStack Queens, the new Ubuntu LTS supported OpenStack (5 years support)
 - Middleware is ready for Queens (only OCCl is not working)
- More (not confidential) information added to wiki
 - CMF Upgrade plans
 - if using CMD or not
 - if using KVM or XEN
- https://wiki.egi.eu/wiki/Federated_Cloud_infrastructure_status#Status_of_the_Federated_Cloud

More on Operations

- Operations team collaboration with CSIRT on vulnerability handling (tracking/following)
 - https://wiki.egi.eu/wiki/WI07_Security_Vulnerability_handling
- progress on the OpenID Connect integration
 - users have started reporting to be able to use an OIDC OpenStack endpoint at IN2P3 without any problem

OpenVAS

- already introduced the discussion some time ago
 - some sites using it to periodically collect information about existing potential vulnerability, output seems useful to compute risk service by service i.e. for GDPR reports
 - proposal: it can be useful to start a pilot for evaluation of the possible use in FedCloud
 - action would be: ask sites willing to be scanned strictly on their cloud network (VMs), and provide a report to site and CSIRT for evaluation
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- installation/configuration
 - VM

**Thank you for
your
attention!**
Questions?



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Contact



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