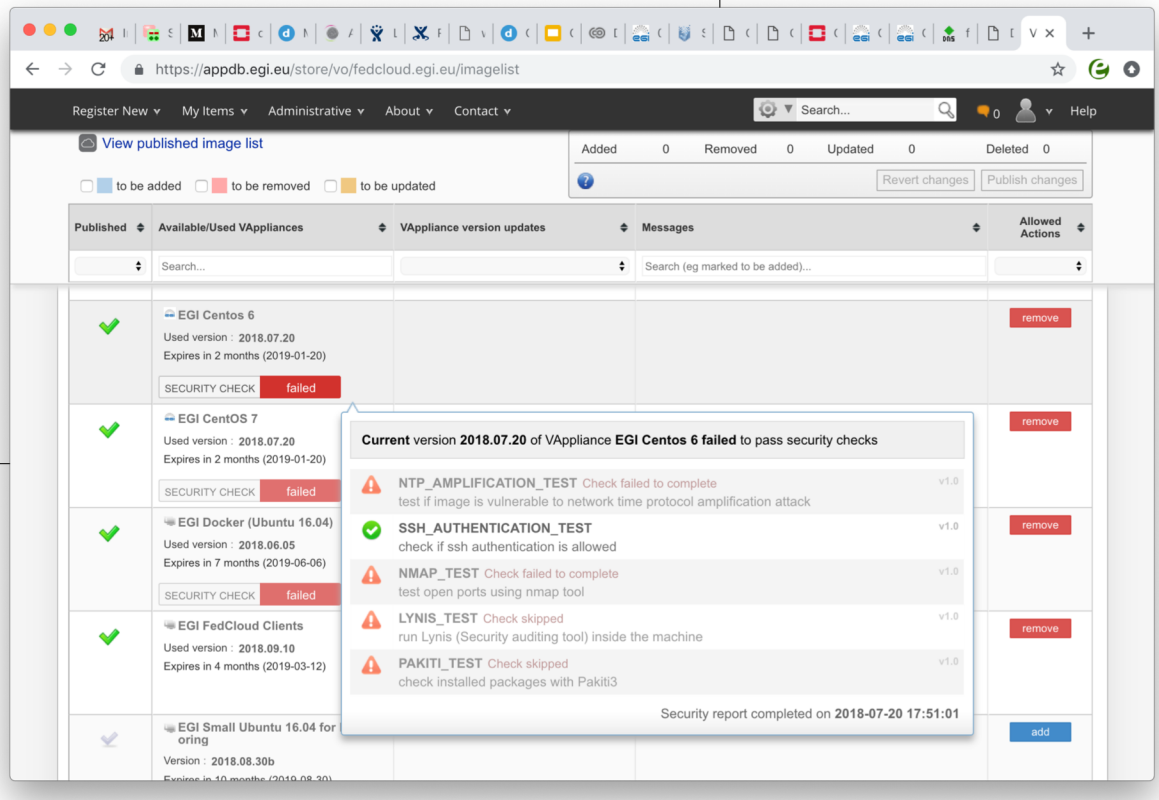
Some updates on FedCloud

V. Spinoso – E. Fernandez

Secant

- Checking the images with SECANT seems to be working but we need to be sure that the results are meaningful before bringing this to full production



La parte di immagine con ID relazione rId6 non è stata trovata nel file.

Transition to Check-in

- How do we deal with user banning? Is ARGUS still the thing to use?
- How do sites know if a user is no longer in a VO and what to do with resources created by that user (i.e. how to do deprovisioning)?
- Do we have everything in place to trace the actual user from an incident happening at one site?

Open issues

- Network has no unified policies: open-closed ports, public-private networks
  - A trend to move to OpenStack may at least unify the port managing and make it closed by default and user-manageable (so explicitly opening ports when needed)
  - https://wiki.egi.eu/wiki/Federated_Cloud_siteconf
- Orchestration/automation
  - Trend in operations to use ansible for EGI's tooling, INDIGO IM and Orchestrator also heavily rely on ansible
  - Can we do any kind of security checks of relevant ansible roles? (at least of those offered in the AoD)

La parte di immagine con ID relazione rId6 non è stata trovata nel file.

Network policies for OpenStack sites

- 13 OpenStack sites (+1 missing, recently certified)

- which is the ***default network type***?
  - **private** more secure but gateway needed to expose to internet
  - **public** less secure and public IP number limited
- 7 private, 6 public
  - (similar situation with OpenNebula)

Network policies for OpenStack sites

- Ports can be opened/closed
  - at frontier level
  - at CMF level using security groups
- which is the ***policy regulating open/closed ports?***

port default firewall policy	ports default CMF policy	Count
All open	All closed	7
All closed	All open	4
All closed	All closed	1
All open	All open	1

- How users can ask for ***opening ports*****?**
  - GGUS (all), email (1 site)
  - Horizon web interface (7 sites) → where «all open/all closed» is used

Thank you for your attention.

Questions?