

ABOVE Science Cloud Webinar: System Updates, Dataset Review, Q&A

January 19th, 2018

Agenda

- Updates to Windows VMs
- Updates to Linux VMs
- Data discovery and pubrepo
- Citing the ASC
- Questions?

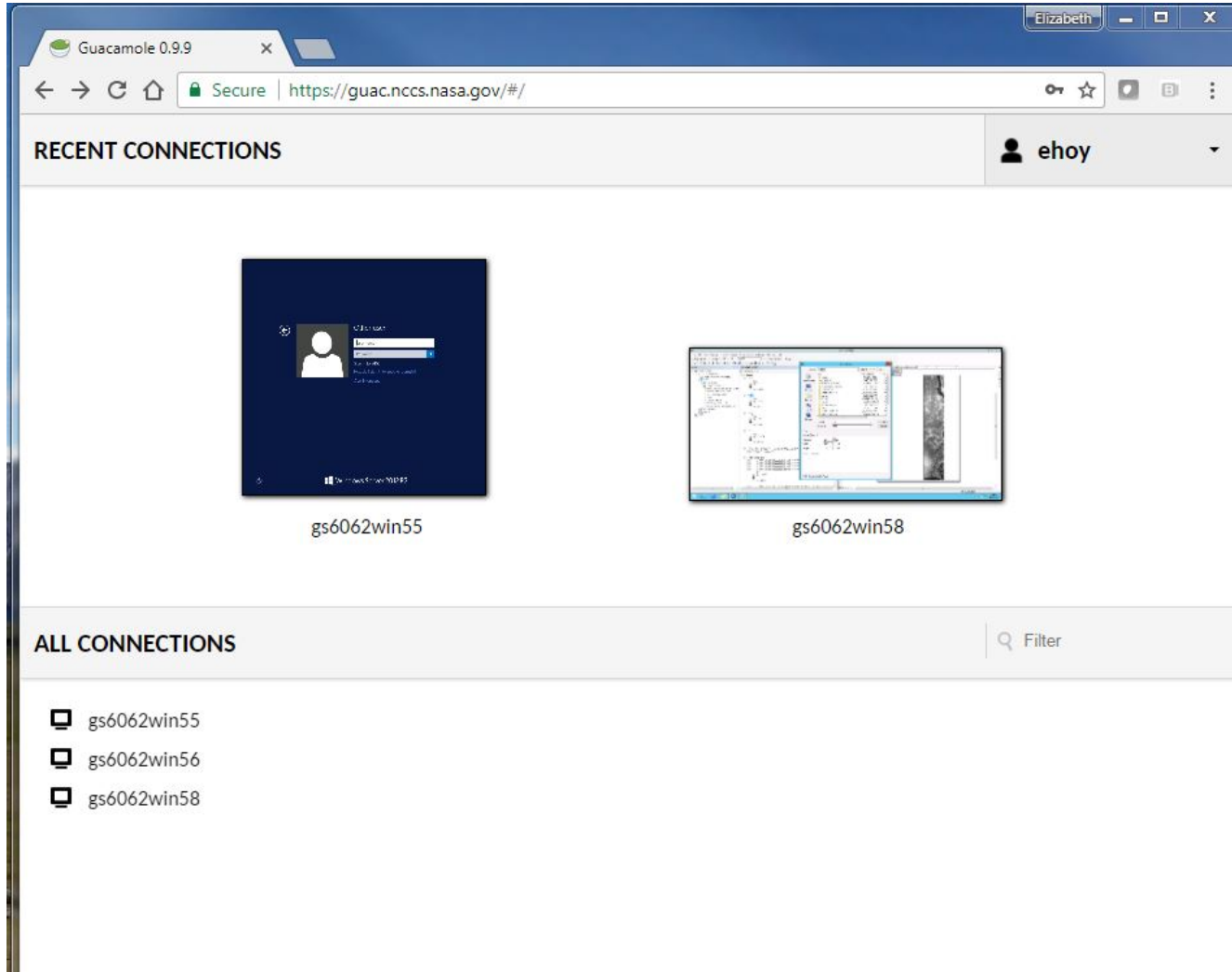
Updates to Windows VMs

- Log in using Guacamole:
 - See instructions:
https://www.nccs.nasa.gov/services/adapt/accessing_windows
 - Log in: <https://guac.nccs.nasa.gov/>
- Cloud data are mounted to the VM:
 - Landsat, MERRA, NGA, Home, Nobackup, Pubrepo (atrepo01)

Updates to Windows VMs

- Users now have access to multiple Windows desktops
 - All users have a “primary” VM
 - Contact support@nccs.nasa.gov if you are not sure of yours.
- Use your primary VM unless:
 1. You notice many users are utilizing a high percentage of your primary VM’s resources
 2. Your primary VM is having technical issues

Updates to Windows VMs



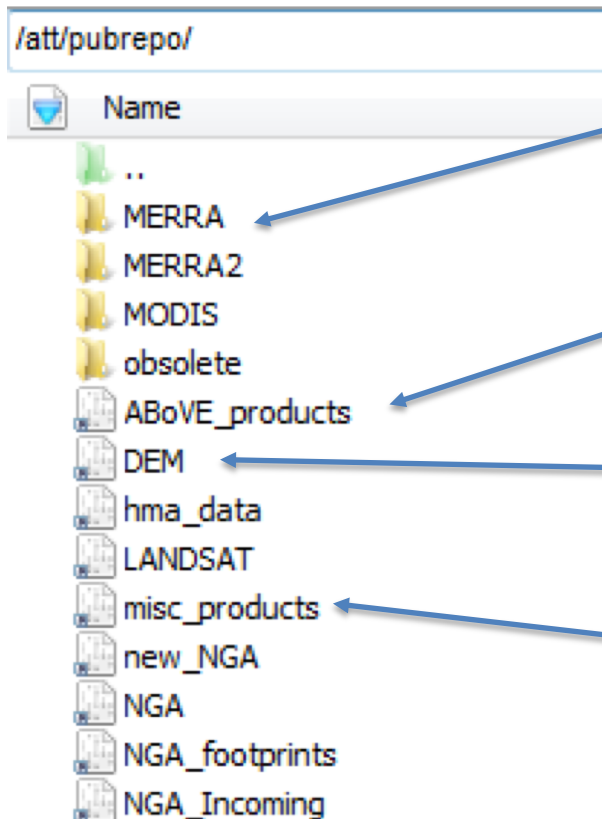
Updates to Linux VMs

- ‘above’ and ‘beyond’ nodes
 - above 101 to 104 remain unchanged
 - above 105 to 108 have been decommissioned
 - 6 ‘beyond’ nodes (101 to 106) have been instantiated
 - beyond nodes do not permit interactive access, but are dedicated to SLURM jobs
- Contact support@nccs.nasa.gov with questions

Data Discovery in the ASC

- ODISEA search tool (Ontology Driven Interactive Search Environment for ADAPT)
- System level tool to search for and locate system owned staged data
- Accessible on the ASC at:
<http://odisea:8080/odisees>
- View a video of ODISEA in action [here](#)
- See a table of available products [here](#) under “What datasets are available on the ASC?”

ASC Environment Structure: /att/pubrepo



- Large satellite records have their own folder
- /ABoVE_products contain ABoVE PI-generated products
- /DEM contains digital elevation datasets
- /misc_products contain useful products for science team members

Citing the ASC:

How do I cite the ASC in my publications? Use language similar to:

“Resources supporting this work were provided by the NASA High-End Computing (HEC) Program through the NASA Center for Climate Simulation (NCCS) at Goddard Space Flight Center.”

https://www.hec.nasa.gov/request/science_reporting.html#pubs

Announcements

- ASC at the Science Team Meeting:
 - Tuesday January 23rd @ 12:45 – Hands-on Workshop using GIS tools, data, and services on the ASC [>>](#)
 - Thursday January 25th @ 12:45 – An overview and demonstration of the basics for using the ASC [>>](#)

If you don't know your password, find out before the meeting so we can help you log on in real time

Questions?