

RDHPCS Login

Once a CAC/PIV-I is issued, it will be the only valid login method

Device Type	Location	Destination	OS	CAC	PIV-I	RSA**
NOAA/GFE	Anywhere	Gaea, PPAN, Theia, Jet via Bastion	Windows	Y	Y	Y
			Linux	Y	Y	Y
			Mac*	Pending	Pending	Y
Non-Government owned	Anywhere	Gaea, PPAN, Theia, Jet via Bastion	Windows	Y	Y	Y
			Linux	Y	Y	Y
			Mac*	Pending	Pending	Y

*A Tectia client is being developed and tested for Mac, but not available yet.

** Will be primarily used for "Limited Access" only, once transition is complete

What Does it take to Log in to the RDHPCS

Originating host/device will use “Tectia ssh Client”

- ~\$100-150 per client, per year
- Windows and Linux only, Mac client in testing
- Limited quantities will *initially* be supplied by RDHPCS program, then user’s host organization pays

CAC/PIV-I readers range from \$7.00-\$23.00

- should be provided by user’s host organization (GFDL, ESRL, NCEP)
- Try one of these:

https://www.amazon.com/s?ie=UTF8&keywords=military+cac+readers&tag=googhydr-20&index=aps&hvadid=63021128963&hvpos=1t2&hvexid=&hvnetw=g&hvrnd=15152502238060520354&hvpone=&hvpstwo=&hvgmt=b&hvdev=c&ref=pd_sl_3upiky5dzn_b

CAC access to RDHPCS Available 9/13

- Please submit a helpdesk ticket to receive a link to download the client software.
- Client Documentation is available
 - Hpcs wiki (coming soon)
- Gaea Bastion:
 - Bastion-Gaea.rdhpcs.noaa.gov
 - Bastion-Gaea.princeton.rdhpcs.noaa.gov
 - Bastion-Gaea.boulder.rdhpcs.noaa.gov
- Theia Bastion:
 - Bastion-Theia.rdhpcs.noaa.gov
 - Bastion-Theia.boulder.rdhpcs.noaa.gov
 - Bastion-Theia.princeton.rdhpcs.noaa.gov
- PPAN:
 - Bastion-Analysis.rdhpcs.noaa.gov
 - Bastion-analysis.princeton.rdhpcs.noaa.gov
- Jet:
 - Bastion-Jet.rdhpcs.noaa.gov
 - Bastion-Jet.boulder.rdhpcs.noaa.gov
 - Bastion-Jet.princeton.rdhpcs.noaa.gov

Logging into GFDL

Device Type	Location	Destination	OS	CAC	PIV-I	RSA**	ID Password
NOAA/GFE	Internal wired or trusted network	workstations	Windows Linux Mac	Y Y Pending	Y Y Pending	N N N	Only until CAC/PIV-I is issued
NOAA/GFE	Remote or guest network	Ssh Then to workstations	Windows Linux Mac*	Y Y Pending	Y Y Pending	Y Y Y	N N N
Non-Government owned	Internal wired or trusted network	Not permitted	n/a	n/a	n/a	n/a	n/a
Non-Government owned	Remote or guest network	ssh/sslvpn Then to workstations	Windows Linux Mac*	Y Y Pending	Y Y Pending	Y Y Y	N N N

*A MAC client is being developed and tested but not available yet.

**RSA will only be for the transition

Current Testing Status

- Began CAC-only testing with local Linux CAC holders on 9/1
 - Message sent to eligible users on 8/31
- Retracting CAC-only for local Linux authentication due to discovered issues
 - Follow up message from 8/31 will be sent today
- Remote connections via CAC will be ready for testing this week
 - CAC User Training seminar Thursday, 9/15 10am Smag Room

CAC Future

- Starting this week
 - Provide users with CAC only option for remote connections to GFDL and HPC
 - Provide multiple training session and documentation
 - User Documentation
 - http://wiki.gfdl.noaa.gov/index.php/Remote_Access_via_CAC
 - New bastion - ssh-cac.gfdl.noaa.gov
 - Client software installed on GFDL Linux workstations
- On 9/30,
 - Transition off of RSA for eligible CAC holders
 - Efforts will coincide with the R&D HPCS program