

How to use the cloud at NAS

An intro to the NAS AWS setup

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NASA Advanced Supercomputing Division

NAS Cloud Webinar

- The cloud group will have regular office hours to help users
- At any time users can submit support tickets to:
  - support@nas.nasa.gov
- Webinar topic index:

  00:00 – Intro and HECC Cloud web page

  00:22 – How to apply for access

  01:55 – Network diagram of the NAS cloud environment

  02:55 – Submitting a job onprem to run in AWS

  12:50 – Onprem cloud related modules

  15:05 – Starting a front end in the cloud

  26:08 – A GUI interface in the cloud (DCV/Jupyterlab)

  32:52 – Submitting jobs from a cloud front end to run in AWS

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34:05 – Types of node types in AWS

40:57 – Running containers (Singularity) in AWS

50:03 – List of PBS directives support onprem and in AWS

Questions?

Suggestions for future webinar topics are welcome