

CMS DATA DOWNLOAD TO MINERVA-RES

User Checklist

Downloader	_____	Minerva-Res Project Allocation	_____
CMS DUA / Study	_____	Date	_____

Check prerequisites before you begin

- Approved CMS DUA
- Approved Minerva-Res project allocation
- Active Minerva-Res user access
- Approved External Connectivity for the CMS data source, including required CMS source IP address(es)
- OnDemand Profile configured with your institutional email address for OnDemand-Res authentication (forms.hpc.mssm.edu)

Start the download session

1. Connect through the Mount Sinai campus network or VPN.
2. Open ondemand-res.hpc.mssm.edu.
3. Launch the Desktop App and enter the project allocation in the Project Account field.
4. Run in the Desktop terminal:
`ml firefox res_proxies; firefox &`

1. Configure Firefox before downloading

- ☐ In Firefox, open Application menu (three bars) > Settings > General > Downloads.
- ☐ Select "Always ask you where to save files."
This helps prevent CMS files from being saved accidentally to the wrong location.

2. Download to the approved Minerva-Res project location

- ☐ Confirm Firefox is running inside the OnDemand-Res Desktop App session within the Minerva-Res environment, not on your local workstation.
- ☐ Open the CMS download link only in Firefox within the OnDemand-Res Desktop App.
Important: Do not open the CMS download link on a local workstation or personal device.
If you received the download link(s) in an email, connect to outlook.office.com in Firefox via the OnDemand-Res Desktop App within Minerva-Res, so that you can click on the download link(s) directly in the controlled environment, without copying the external URL.
- ☐ When Firefox prompts for a save location, select the approved encrypted CMS project directory (/arionencrypt/cmsdata/<projectid>) and verify that the displayed path matches before starting the transfer.
If you are unsure about the correct save path: Stop before saving and confirm the approved save directory path with the Minerva HPC team.
- ☐ After the download completes, verify that the expected files are present in the approved project directory.
Validation: When source-provided checksums are available, validate the downloaded files against them.

Resources and help

Start here: [Minerva-Res Documentation](#) | [CMS Controlled Data Access Guide](#)

Need help? For OnDemand-Res, network/proxy, or controlled-data transfer issues, contact hpchelp@hpc.mssm.edu
Documentation links reviewed October 26, 2026.