



Getting Started with [WestGrid](#) & [Compute Canada](#)

WestGrid facilities are designated for Canadian researchers or those collaborating on Canadian research projects. For a general overview of WestGrid and its services, please refer to our [FAQ for Prospective Users](#).

Any academic researcher is able to get an account for FREE with access to basic amounts of compute, cloud and storage.

Getting an Account

Faculty members and senior researchers at a Canadian university or research facility are [eligible](#) once registered in the CCDB. Graduate students and postdoctoral fellows are eligible but must be sponsored by a faculty member, who must register in the CCDB first.

STEP 1: [Get an Account](#) (Compute Canada & WestGrid)

The [basic amounts](#) available to ANY USER with an account are:

<p>COMPUTE CLUSTERS</p> <ul style="list-style-type: none"> • 50 core years* • 50 GB /home storage • 20 TB to 100 TB /scratch storage • 5 TB /tape storage 	<p>CLOUD</p> <ul style="list-style-type: none"> • 10 Virtual CPUs (persistent) • 45 GB RAM • 2 IP addresses • 1 TB storage
<p>ownCloud STORAGE</p> <ul style="list-style-type: none"> • 50 GB default storage 	<p>GLOBUS FILE TRANSFERS</p> <ul style="list-style-type: none"> • Unlimited

*This is an estimate only as jobs are scheduled based on a fair-share algorithm which determines priority based on past use. For more details view the [Compute Canada User Documentation Wiki Allocation Page](#).

STEP 2: [Getting Started on National Systems](#)

Other Resources & Services

Check out our [Using WestGrid page](#) for help with file sharing and transfers, using GPUs, programming, running jobs, Visualization and more.

COMPUTE CANADA CLOUD

Use the Compute Canada cloud to build portals and platforms, or to handle data that you're scraping from the web. Then share your work with your other devices, your team or other collaborators. To register for a Cloud account, please visit the [Compute Canada website](#).



OWNCLOUD STORAGE

This Dropbox-like cloud storage service ensures data is stored in Canada and that all data transfers between local devices and WestGrid's ownCloud are encrypted. For more information visit https://www.westgrid.ca/resources_services/data_storage/cloud_storage

GLOBUS FILE TRANSFER

[Globus](#) is a fast, reliable high-performance service for secure data movement. Globus can be used for moving data between any two resources, whether it is a small number of very large (even terabyte-sized) files or a very large number of small files.

RESEARCH DATA MANAGEMENT TOOLS

The [Federated Research Data Repository](#) (FRDR) service provides a single platform from which research data can be ingested, curated, preserved, discovered, cited and shared. The platform helps researchers store and manage their data, preserve their research for future use, and comply with institutional and funding agency data management requirements.

USER TRAINING

WestGrid offers online and in person training on topics including an overview of WestGrid, introduction to UNIX, programming, submitting jobs and data visualization. For more details, click [here](#). Archives of past events and links to training resources can be found on our website training portal: <https://westgrid.github.io/trainingMaterials/>

Support & Information

MAILING LIST & UPDATES

You can subscribe to our mailing list to be notified of training opportunities and other research computing news: <http://eepurl.com/dusEGr> [View the most recent and archived newsletters here.](#)

Follow us on [twitter @WestGrid](#) to receive real-time updates on WestGrid and HPC news and events, and [follow @WGSystems](#) to receive system notifications and status updates.

SUPPORT

Email support@westgrid.ca for any kind of support question, such as account or connection problems, advice on system characteristics or which system to use, etc.

Visit the [Compute Canada User Docs wiki](#) for technical information on using the national systems and services. You can also visit the Compute Canada website www.computecanada.ca for important news and updates for users.