



Digital Accelerator for Innovation and Research (DAIR)



Why DAIR?

- > **DAIR is a free resource with no hidden costs.** DAIR leverages existing investments made by the Government of Canada in CANARIE and Canada's high performance infrastructure to give Canadian entrepreneurs a competitive edge in the global market.
- > **DAIR users have at least a year to use the resource.** Most commercial cloud offerings incent users with a short-term (one to three month) free trial period. For many entrepreneurs, that's just not enough time.
- > **DAIR is a made-in-Canada cloud.** Your data stays in Canada. Period.
- > **DAIR makes the switch to a commercial cloud easy.** DAIR is powered by OpenStack, which enables simple migration to any commercial cloud when you are ready to launch your product.
- > **DAIR's application process is easy and fast.** Users need to fill out a simple online application and within a few days they are using DAIR.

DAIR provides entrepreneurs with free, high-performance, made-in-Canada cloud resources for product development, testing and demonstration.

Over 900 SMEs are on DAIR!
Submit an application today.
canarie.ca/cloud

What do entrepreneurs say about DAIR?

DAIR was the right solution for us. DAIR's high-performance servers supported our sophisticated software tools and multiple data feeds. We were able to develop and test our product thoroughly on DAIR.

— Grant Sutherland, President, BOS Forestry

DAIR was the perfect solution for us. It allowed us to keep our data in Canada, to manage our costs and to develop and demonstrate customized user platforms. And as we are building a platform for a global market, it allowed us to demonstrate the product at scale, and to do it quickly.

— Nima Kaviani, Co-Founder and Director of Technology, Curatio

DAIR gave us the ability to explore our product idea and to learn about the cloud — all for free. We used it as a “sandbox” of sorts, where we were able to explore and test all kinds of ideas.

— Patrick LaRoche, Co-Founder, topLog

What do you get for FREE with DAIR?

DAIR gives entrepreneurs free self-serve access to 4 high performance virtual servers. By comparison, a year of using similar resources on commercial cloud providers could cost thousands of dollars.

Basic package includes:

- > Use of DAIR for at least 12 months
- > 2 geographic regions:
 - > Edmonton, Alberta
 - > Sherbrooke, Quebec
- > Absolutely no charges including OS licensing, disk I/O
- > Unlimited bandwidth into, out of, or within the DAIR cloud
- > Complete control of your resources using the DAIR dashboard web portal or through OpenStack APIs
- > 4 Compute Units to create 1 to 4 virtual machines (VMs or servers)
- > 4 Disk Units to create up to 4 external disks (volumes) with a quota of 80GB
- > 4 public IPv4 IP addresses
- > 4 internal IPv4 IP addresses
- > Each VM provides 20GB root disk + 20GB ephemeral
- > 200GB object storage (Swift/S3)
- > NVIDIA GRID Graphical Processor Unit (on an as-needed basis)
- > 5 VM snapshots
 - > Save your VM content. Re-launch VM or duplicate
- > Configurable firewall
- > Operating Systems:
 - > Windows Server 2008 R2, Server 2012 R2, Server 2016 R2, Windows 7
 - > Ubuntu 10.04 LTS, 12.04 LTS, 14.04 LTS, 16.04 LTS
 - > CentOS 6.0, 7.0
 - > OpenStack Murano - Packaged Software

Compute Unit

- > +2.0 GHz virtual core 64 bit CPU
- > 2GB ram
- > Combine more than 1 unit to create multi-core VMs
- > VM sizes are 1, 2, 4, and 8 cores
- > 1 public IPv4 IP address, 1 internal IPv4 IP address
- > Extras, over and above free basic package:
 - > Additional Compute Units are \$100
 - > Add at any time (no prorating)

Disk Unit

- > High performance 20GB disk quota
- > Combine more than 1 unit to create larger disk volumes
- > Extras, over and above free basic package:
 - > Additional Disk Units are \$10
 - > Add at any time (no prorating)

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