


AN INTRODUCTION TO

Jetstream2

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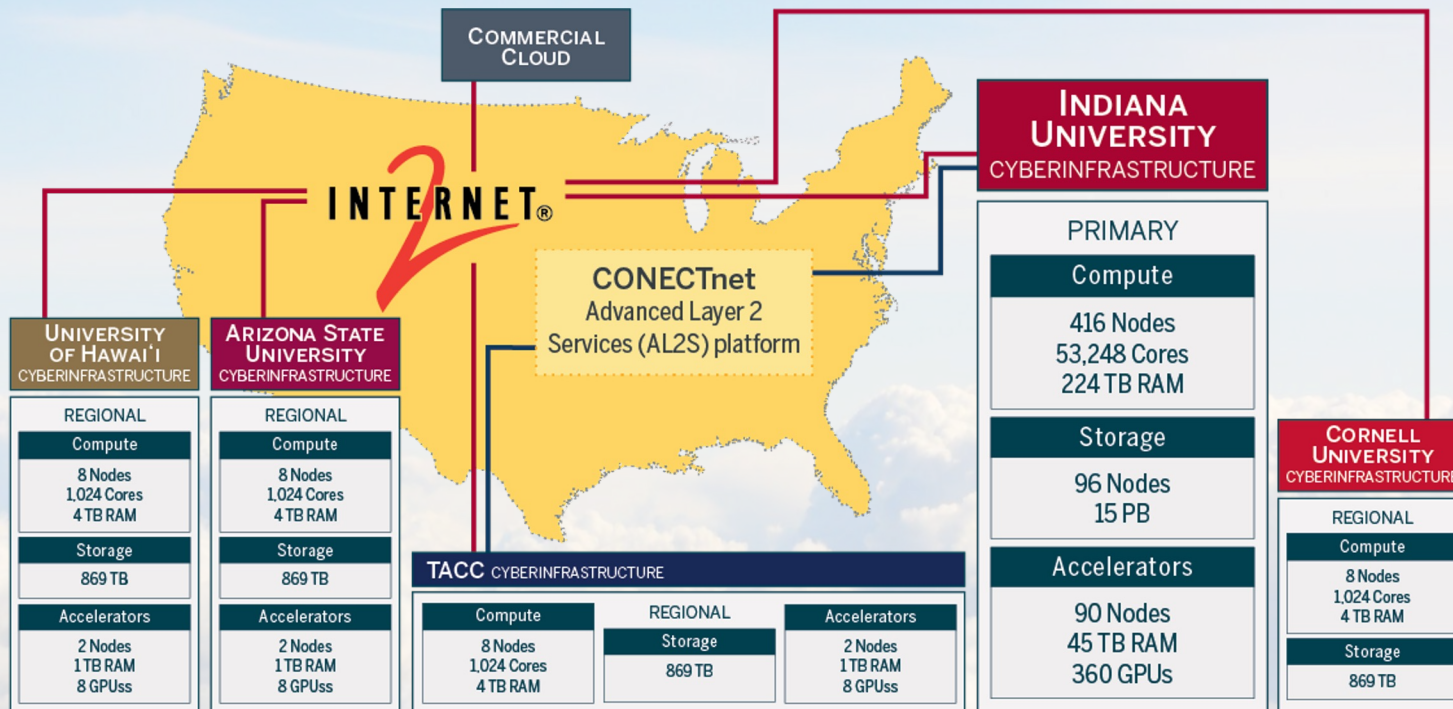
 **PERVASIVE
TECHNOLOGY INSTITUTE**

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WHAT IS JETSTREAM2?

- Jetstream2 is a **flexible, user-friendly cloud computing environment**
- Offering customizable **virtual machines** (“instances”), **cloud storage**, and more
- Funded by **the NSF**
- Available to **any** US-based researcher or educator **for free**

WHO IS JETSTREAM2?



WHY SHOULD YOU USE JETSTREAM2?

- **Full sudo/admin access** to choose your operating system and install software you need
- **Broad range of resource “flavors”** including Large Memory and NVIDIA vGPU slicing
- **Available on demand** without sharing or queues, and no runtime limit
- **Persistent public IPs** and full internet access
- **Free to use** through our support from the National Science Foundation and ACCESS



Advancing
Innovation

WHAT CAN YOU DO WITH JETSTREAM2?

- **Receive and analyze data** on a powerful virtual workstation
- **Write, debug, and execute code** with interactive GUI applications
- **Host dedicated, private runners** for CI/CD pipelines
- **Train, refine, and run machine learning models** with GPUs
- **Share your applications** via static or dynamic website/gateway

(and much, much more)

HOW CAN YOU ACCESS JETSTREAM2?



access-ci.org/about/get-started

1. Create an account with ACCESS.

Required to apply for and log in to resources

2. Choose your opportunity and submit your request.

Four tiers of allocations with their own application requirements

- Only need a CV and an abstract to get started
- Available to grad students

3. Receive and spend your ACCESS credits.

1 ACCESS credit == 1 Jetstream2 SU == 1 GB; split however you'd like across Jetstream2's CPU, GPU, LM, and storage resources

DOCUMENTATION AND SUPPORT

Jetstream2 Website

<https://jetstream-cloud.org>

Documentation

<https://docs.jetstream-cloud.org>

Advanced Cyberinfrastructure Coordination
Ecosystem: Services & Support (ACCESS)

<https://access-ci.org/>

Jetstream2 Login (Exosphere)

<https://jetstream2.exosphere.app>

Jetstream2 Support

help@jetstream-cloud.org

