

# Azure CycleCloud Overview

## HPC Environment Orchestration

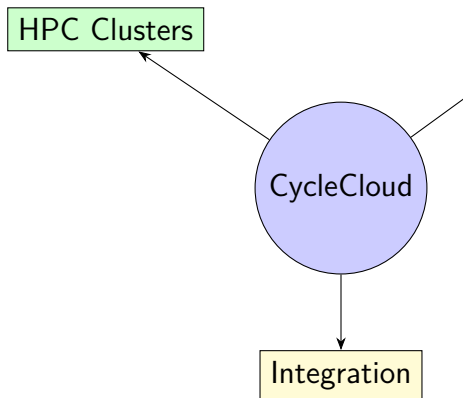
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# Overview

- ▶ Tool for orchestrating HPC environments on Azure
- ▶ Supports schedulers (Slurm, PBSPro, LSF, etc.)
- ▶ Autoscales infrastructure for efficient job execution

# Key Features

- ▶ **HPC Orchestration:**  
Deploy clusters with chosen schedulers
- ▶ **Autoscaling:**  
Automatically scale resources
- ▶ **Integration:** Works with Azure Monitor and Cost Management
- ▶ **Templates:** Customizable for specific needs



# Benefits

- ▶ Simplifies HPC environment setup
- ▶ Reduces complexity with autoscaling plugins
- ▶ Enables replication across teams