

May 13, 2026

For Immediate Release

GMO Internet, Inc.

## **"GMO GPU Cloud" Managed HPC Cluster Service Now Supports Container Runtime "Enroot" and Slurm Plugin "Pyxis"**

### **– A First for Domestic HPC-Type GPU Cloud Services, Offering Greater Flexibility in Container Selection –**

"GMO GPU Cloud" (<https://gpucloud.gmo/>), a high-performance GPU cloud service provided by GMO Internet, Inc. (Representative Director & President: Tadashi Ito; hereinafter "GMO Internet"), a member of the GMO Internet Group, has added support for container runtime "Enroot" (※1) and Slurm plugin "Pyxis" (※2) in its Managed HPC Cluster Service, effective May 13, 2026.

With this update, users of the "GMO GPU Cloud" Managed HPC Cluster Service can now utilize "Enroot," a container runtime developed by NVIDIA, and "Pyxis," a plugin that enables direct container invocation from Slurm, in addition to "Singularity," the container runtime that has been available since the service launched. Users can now select the optimal container runtime and job submission method based on their workload and use case, enabling more flexible operations. Notably, "GMO GPU Cloud" is the first commercially available HPC-type GPU cloud service in Japan (※1) Enroot: A lightweight, rootless container runtime developed and provided by NVIDIA. Designed with HPC environments in mind, it supports OCI-compatible container images.

(※2) Pyxis: A SPANK (Slurm Plug-in Architecture for Node and job Kontrol) plugin for Slurm, provided by NVIDIA. It enables direct invocation of "Enroot" containers from Slurm job submission commands, simplifying container execution on HPC clusters.

(※3) As of [Month] [Date], 2026, based on GMO Internet's own research.

### **[Background]**

As research and development in generative AI and large language models (LLMs) advances rapidly, ensuring the portability and reproducibility of workloads through container technology has become essential in the HPC (High-Performance Computing) domain. The "GMO GPU Cloud" Managed HPC Cluster Service has offered "Singularity," a container runtime widely adopted in HPC environments, since its launch.

At the same time, demand has grown for capabilities such as the ability to launch containers natively from Slurm job submission commands and to run workloads that conform directly to NVIDIA's software stack. In response to these needs, GMO Internet has added support for "Enroot," a lightweight container runtime for HPC developed and provided by NVIDIA, and "Pyxis," a SPANK (※4) SPANK (Slurm Plug-in Architecture for Node and job Kontrol): A plug-in architecture for extending Slurm's job execution framework.

## [Key Benefits and Features]

- Choice of container runtime best suited to each workload, from "Singularity" to "Pyxis/Enroot"
- Direct submission of Docker/OCI (Open Container Initiative)-compatible container images to Slurm jobs via "Pyxis"
- Improved reproducibility and portability of research and development environments, enabling smooth migration from local to cluster environments
- Flexible container operations that leverage existing job script assets

With this update, the "GMO GPU Cloud" Managed HPC Cluster Service provides a flexible foundation that allows users to select the container runtime best suited to their workload characteristics and existing development environments. Improved environment reproducibility and portability reduce the cost of migrating from local setups to production clusters, contributing to faster development and research cycles.

## [Future Outlook]

As AI becomes the foundation of society and industry, building high-performance GPU infrastructure within Japan has emerged as a critical factor in the country's AI competitiveness. GMO Internet will continue to advance the "GMO GPU Cloud" Managed HPC Cluster Service, providing a robust development and research infrastructure for AI, machine learning, and HPC. As an indispensable domestic infrastructure for Japan's AI industry, GMO Internet remains committed to driving innovation across society and industry.

### ■ Past Reference Releases

- June 11, 2024: GMO Internet Group Becomes First Domestic Cloud Provider to Adopt NVIDIA Spectrum-X for Generative AI GPU Cloud Service  
<https://www.gmo.jp/news/article/9005/>
- November 22, 2024: "GMO GPU Cloud" Launches as TOP500 Supercomputer Ranking Entry  
<https://internet.gmo/news/article/27/>
- August 4, 2025: "GMO GPU Cloud" Adopts "NVIDIA Blackwell Ultra GPU"  
<https://internet.gmo/news/article/71/>
- March 25, 2026: "GMO GPU Cloud" Introduces "NVIDIA HGX B300" for Slurm Dedicated Service Plan <https://internet.gmo/news/article/169/>

For other related press releases, please visit: <https://internet.gmo/news/article/163/>

## [About GMO Internet, Inc.]

GMO Internet, Inc. is a comprehensive internet company that operates Internet Infrastructure businesses such as domains, cloud and rental servers, and internet connectivity, as well as Online Advertising and Media. Under the corporate catchphrase "Internet for Everyone," we support social infrastructure by contributing to the realization of a safe and secure internet society and creating new value for the future with AI, delivering "Smiles" and "Inspiration" to everyone involved.

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