PENGUIN COMPUTING | POD™

WHICH IS RIGHT FOR YOU:
PUBLIC, PRIVATE, OR HYBRID CLOUD?

PUBLIC CLOUD

A public cloud is suitable for:

☑ Teams who need the flexibility to increase capacity quickly when needs warrant without restrictions on resource use

☑ Organizations that want to take advantage of economies of scale with respect to costs

☑ Workloads that can be segmented to reduce risk

☑ Teams concerned with disaster preparedness, supporting new growth, or those who just feel more secure with a larger pool of backup servers

☑ Computing projects such as those being run in manufacturing, biosciences, research, energy, design, and finance

**To support these needs,
Penguin Computing® On-Demand™ (POD™):**

• Utilizes a high-performance, bare metal/InfiniBand on-demand HPC computing environment

• Eliminates the need to deal with multi-tenant cloud environments and the performance, scalability and security challenges associated with shared infrastructure

• Allows computational jobs to be submitted and monitored from either an easy-to-use traditional Linux CLI environment or through an intuitive and secure web interface

• Reduces complexity by offering a 'ready-to-run' environment pre-loaded with hundreds of applications to choose from on a pay-per-use model

• Can add additional applications upon request

• Offers free support from Linux HPC cloud experts, many of who have been with Penguin Computing for over a decade

PRIVATE CLOUD

Customized, exclusive use cloud solutions are ideal for:

☑ **Organizations with predictable computing demands**

☑ Projects with compliance mandates that prevent sharing resources

☑ **Teams with very specific security, workload, or facility requirements**

☑ Organizations that need to have predictable costs over time

☑ **Organizations that want to off-load management**, maintenance and updating of data center hardware and software but retain significant control

To support these needs, in addition to the benefits noted above, POD can:

• Partition a portion of our public cloud for you to use on a monthly or yearly basis or
• Design and host a specific configuration tailored to meet your needs

HYBRID CLOUD

The POD platform also offers a hybrid cloud approach. An on-demand hybrid system for is ideal for:

☑ Trying computing projects requiring InfiniBand or GPU support before investing in that functionality in-house

☑ **Augmenting internal capacity to support computing loads that exceed the expected computing load on your in-house cluster**

☑ Supporting new projects that will run for short periods but require additional resources, new hardware, or different networking topologies than the in-house cluster provides

☑ **Dividing current workloads between on-premises and cloud to reduce capital and operating costs**

Try 1,000 Free Hours of Penguin Computing On-Demand (POD) and See for Yourself
Get a trial account and see first-hand the security, performance, and ease-of-use available to POD clients, regardless of whether you choose private, public, or hybrid cloud. With 1,000 free hours, you can test out the actual applications you would be running to verify that performance on POD bare metal HPC meets your needs. You can also see exactly how much usage that translates to, so you forecast the real-life cost savings of making the shift to cloud. Sign up at www.penguincomputing.com/try-pod.

Learn More
Configure your ideal server at **www.penguincomputing.com.**
For pricing on your specific configuration, contact a representative by email at **sales@penguincomputing.com or call 1-888-PENGUIN (736-4846).**

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About Penguin Computing
Penguin Computing, Inc is a 20-year-old, U.S.-based global provider of high-performance computing (HPC) and data center solutions with more than 2,500 customers in 40 countries, across eight major vertical markets. Penguin Computing offers a comprehensive portfolio of Linux servers and software, integrated, turn-key clusters, enterprise-grade storage, and bare metal HPC on cloud, as well as expert HPC and AI services, financing, and top-rated support.