

Discover True IaaS

Virtualized Infrastructure

Infrastructure virtualization, or Infrastructure-as-a-Service (IaaS), is the foundation of cloud computing. Instead of purchasing equipment, power, cooling and maintenance for all or part of your IT infrastructure, IaaS allows you to leverage the power of the cloud to access a virtual data center over the Internet on a pay-as-you-need basis.

DRFortress has partnered with IaaS provider CloudSigma to offer **DRFcloud**, a cloud computing solution that provides you with complete control over your cloud without the restrictions other cloud providers place on their deployments of your computing resources. With **DRFcloud**, you can provision the infrastructure you need—including CPU cores, RAM, storage and data transfer in any combination—while paying only for the resources you actually consume.

You maintain full control over your virtual infrastructure, applications and OS environment while we take care of the hardware, networking and virtualization layer. Because of its elasticity and scalability, CloudSigma powered by DRFortress offers a sensible alternative to purchasing and maintaining your own IT equipment for a variety of applications without worrying about the need to conform to the cloud provider's limitations.

DRFortress has combined the benefits of public and private cloud computing and delivers it all via Hawaii's premier data center and digital hub.

- Experience unlimited flexibility of root and kernel-level access to your cloud infrastructure
- Maintain complete control of your operating system
- Instantaneously provision virtual machines
- Elastically scale your computing and storage disk resources

Computing Without Limits

Unlike other IaaS providers who direct you into fixed resource packages and bundles, **DRFcloud** allows you to configure your cloud infrastructure precisely to your needs. Whether you need one CPU core or 20, you can instantly create any size server to meet your exact IT needs in CPU, RAM and storage and change them as required. You also maintain 24/7 online root level access to your servers with complete control of your OS kernel, allowing you to choose whether or not to apply service packs at will. And with its 100% availability and 1 ms max latency guarantees, you can be assured of reliably high performance of your applications, whatever your operating system, use-case or workload.

Neutral Platform & Networking Capabilities

Customers can take advantage of several robust features that provide unlimited flexibility in their virtual cloud platform, including the ability to run nearly any x86-compatible operating system (including Windows, Linux and Solaris), upload and download their own disk images, host their own IP ranges, and run the same applications and workloads between public and private clouds in true hybrid fashion. In addition, **DRFcloud** offers a unique “direct connect” technology that allows customers to establish a secure, high performance direct cross connection between their private networks hosted at DRFortress and CloudSigma’s cloud services. This powerful “Direct Connect” networking offers:

- support for all TCP/IP traffic types, including multicast and broadcast;
- ability to create nearly limitless multiple private vLANs per virtual machine to segment network traffic instantaneously;
- ability to connect to physical storage segregated by vLANs;
- ability to set-up multiple environments in the same account to manage multiple end-users or departments; and
- support for unlimited options for connectivity into your own cloud environment.

DRFortress customers also have the ability to maintain multiple storage and networking interfaces per virtual machine, which allows users to establish a private line or point-to-point access from multiple carriers or ISPs and be directly connected to their equipment hosted at DRFortress at the same time.

Flexible Billing Options

Whether you require fixed monthly billing, want to pay only for resources that are provisioned, or choose to pre-pay for a capped level of computing and storage services, DRFortress can provide you with flexible billing options and negotiable contract terms for your cloud computing needs. Resource utilization can be monitored, controlled, and reported, providing a simple and truly transparent approach to utilization billing. Billing options and contract terms are independent of the system logging/reporting functionalities and can be established based on your exact IT infrastructure needs.



Contact us for more information
or to arrange a free evaluation.
(808) 528-7500
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Features & Benefits

Setup & Migration

- Provision your own virtual infrastructure instantly. Create a new, fully functioning cloud server in seconds.
- Build your virtual servers just like your physical ones. Quickly and easily size/re-size your CPU, RAM, and storage to meet your particular needs and specifications.
- Run nearly any x86-compatible operating system unmodified, including Windows, Linux, Solaris and others.
- Upload/download full drive images easily with CloudSigma’s custom webapp or API.
- Utilize unlimited private internal networks or direct cross connections to your existing infrastructure for true hybrid deployments in Hawaii’s Premier Colocation Facility.

Automation & Integration

- Automate any aspect of your cloud infrastructure with CloudSigma’s custom webapp and 100% feature coverage cloud API.
- Integrate and manage your cloud infrastructure with external public, private and cross-cloud tools such as OpenStack, Ubuntu, CoreOS, jclouds and others.

Cost Efficiency

- Easily audit and track your billing and usage through secure, online utilization monitoring.
- Resource consumption is based on heavily discounted term-based subscriptions and/or pay-as-you-go “burst” pricing.

Reliability & Support

- Highly redundant core networking and switching.
- Highly available clustered resources.
- SLA with 100% availability plus sub-1ms latency guarantee within the cloud.
- Full incident management with 24/7 email and instant live chat support.

ABOUT CLOUDSIGMA

CloudSigma is a pure-cloud IaaS provider that offers highly-available, flexible, enterprise-class hybrid cloud servers and cloud hosting solutions. With locations in Asia, Europe and the U.S., CloudSigma is the most customizable cloud provider on the market. With CloudSigma, customers can create easy-to-manage, transparent hybrid cloud solutions.

www.cloudsigma.com

