



High-Performance Cloud Infrastructure



Technologies Include:

Languages:

C
C++
Erlang
JavaScript
PHP
Python
Ruby

Web Components:

Apache
Glassfish
NGINX
Node.js
TomCat
Riverbed Stingray

Operating Systems:

Linux
Unix
Windows

Databases:

Cassandra
CouchDB
Hadoop
MongoDB
MySQL Oracle
Percona
PostgreSQL
Riak
SQL Server

Additional Services:

Dynamic VLANs IP
Local Addresses
Storage SSL
Certificates
Manta Storage Service

Certifications:

PCI Level 1
SSAE 16 Certified
Safe Harbor

Incredibly Fast. Massively Scalable. Super Reliable.

Develop, launch and scale high-quality, resilient applications on the Joyent® Compute Service. Some of the world's most demanding eCommerce, media, gaming, and mobile application companies use Joyent infrastructure to acquire, engage and delight their customers.

Purpose-built for today's data and user-intensive applications, Joyent Compute Service is tuned to deliver exceptional performance, end-to-end stack visibility, and a better economic return on your cloud investment.

Run a wide array of available software packages to help you get started, or work with us to tune and configure your environment to meet your business needs.

The Joyent Manta Storage Service provides additional capability as both a highly scalable distributed object store and integrated map-reduce. Map-reduce jobs can run over very large datasets like server logs or media images to extract business insights or data transformations. Objects can also be accessed over the web and function as a CDC or CDN origin.

Joyent's Content Delivery Cloud (CDC) in conjunction with Riverbed, can deliver and distribute web pages and media assets at a fraction of the cost of a typical content delivery network (CDN).

Key Capabilities of the Joyent Compute Service

Broad OS Support	Linux (CentOS, Ubuntu, Fedora, Debian), FreeBSD, Windows, SmartOS
CPU Performance	Dynamic, real-time scaling
Provision New VMs in < 15 Seconds	Fast provisioning in the cloud either with SmartOS or using KVM for Linux and Windows instances
Resize Apps on the Fly	Allows users to permanently resize production applications on SmartOS instances with no reboot or downtime
100% Data Integrity	ZFS checksums the entire application stack by default, preventing data deterioration (for Linux, Windows and SmartOS)
Cloud Analytics	4D real-time visualization of latencies. Point-and-click root cause analytics
Zones Security	Steel-wall security to prevent other tenants from accessing or impacting instance
Superior I/O	Optimized for lightning fast I/O in the cloud
Support	Flexible tiers for your business needs
ARC	Advance caching to free up memory, enhance disk I/O & minimize CPU utilization
Package Support	Over 600 supported packages, with thousands more compiled
Fast Hardware	High I/O (SSD), High CPU, High Memory Instances
Connectivity/Network	All Tier-1 ISPs, 10gbs/40gbs fully-meshed network
Storage	Local, high-availability. NFS in the same data center. Manta Storage Service for Object Storage



Ask Our Customers.



Performance

“ We were looking for unconstrained capacity and true elasticity with Joyent – not the roadblocks and limitations that many cloud infrastructure providers impose. ”

Ken Cheny
President
Message Bus



Scale

“ We switched to Joyent to help us scale from tens of thousands to millions of daily users because Joyent is the best place to run Node.js. ”

Matt Ranney
Chief Technical Officer
Voxer



Value

“ Joyent offers the best mix between a bullet-proof infrastructure and a development environment. ”

James Williams
Chief Technology Officer
Teletrac



Joyent Ecosystem



Full Range of Compute Instances

Standard	Balanced set of resources well suited for a wide variety of applications.
High Memory	Offers large memory sizes for high throughput applications, including database and memory caching.
High CPU	Proportionally high CPU resources for compute-intensive applications.
High Storage	Very large storage density per instance. Ideally suited for applications that need to manage data sets, but where I/O performance is not critical.
High I/O	Provide very high disk I/O performance and are ideally suited for many high-performance database workloads. High I/O instances are powered by very fast SSD-based local storage.



Joyent is the corporate steward of Node.js, the world's best runtime for today's data-intensive, real-time applications. Joyent offers exclusive debugging and performance analysis tools for Node.js applications.

For more info visit joyent.com/developers/node