
DigitalOcean

Simplifying Cloud Computing.

TOC

- 1. Overview**
- 2. History**
- 3. Business Model**
- 4. Products**

- 5. Solutions**
- 6. Market Share**
- 7. References**
- 8. Conclusion**



Overview



About

DigitalOcean, Inc. is an American cloud infrastructure provider headquartered in [New York City](#) with data centers worldwide. DigitalOcean provides developers cloud services that help to deploy and scale applications that run simultaneously on multiple computers. They simplify cloud computing so developers and businesses can spend more time creating software that changes the world.

13

Data centers

+1MM

Developers

195

Countries

+78MM

Droplets





Offices



Cambridge, MA

485 Massachusetts Avenue



New York, NY

101, 6th Avenue



Bangalore, India

43 Residency Road

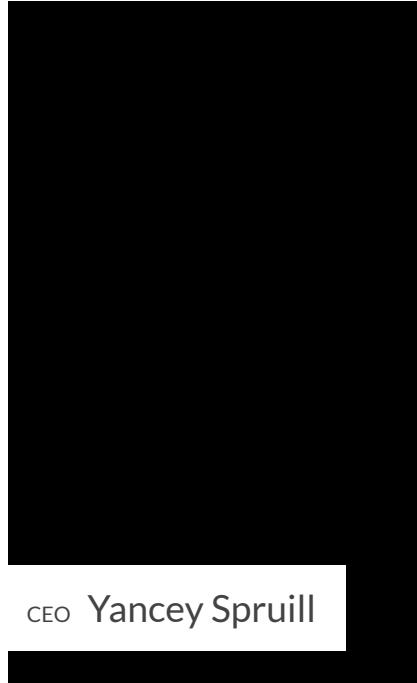
Leadership

DigitalOcean's leadership team reflects some of the best and brightest talent from some of the most innovative and successful organizations in the world.

DigitalOcean is managed by [CEO Yancey Spruill](#).

Other key executives are:

- [Carly Brantz](#), Chief Marketing Officer
- [Barry Cooks](#), Chief Technology Officer
- [Matt Norman](#), Chief People Officer
- [Jeff Guy](#), Chief Operating Officer



CEO Yancey Spruill



CMO Carly Brantz



Community

DigitalOcean currently offers a community resource, which provides developer-to-developer forums and tutorials on open source and sysadmin topics. As of August 2018, the Community resource receives [more than 5 million visitors per month](#).



Technical Tutorials



Ask, Answer Questions



Tools & Integrations



Technical Tutorials





History



History of DigitalOcean

In 2011 the [Uretskys](#) founded [DigitalOcean](#), a company which would provide server provisioning and cloud hosting for software developers.

The company launched their beta product in January 2012. By mid-2012, the founding team consisted of Ben Uretsky, Moisey Uretsky, Mitch Wainer, Jeff Carr, and Alec Hartman. By August 2012, the company had signed up 400 customers and launched around 10,000 cloud server instances.



Growth

DigitalOcean became one of the first cloud-hosting companies to offer [SSD-based virtual machines](#).

Continued its expansion, opening new data centers in [Singapore](#) and [London](#).

The company launched their new [Droplet \(virtual machines\)](#) plans, that turned out to be the backbone of their all services



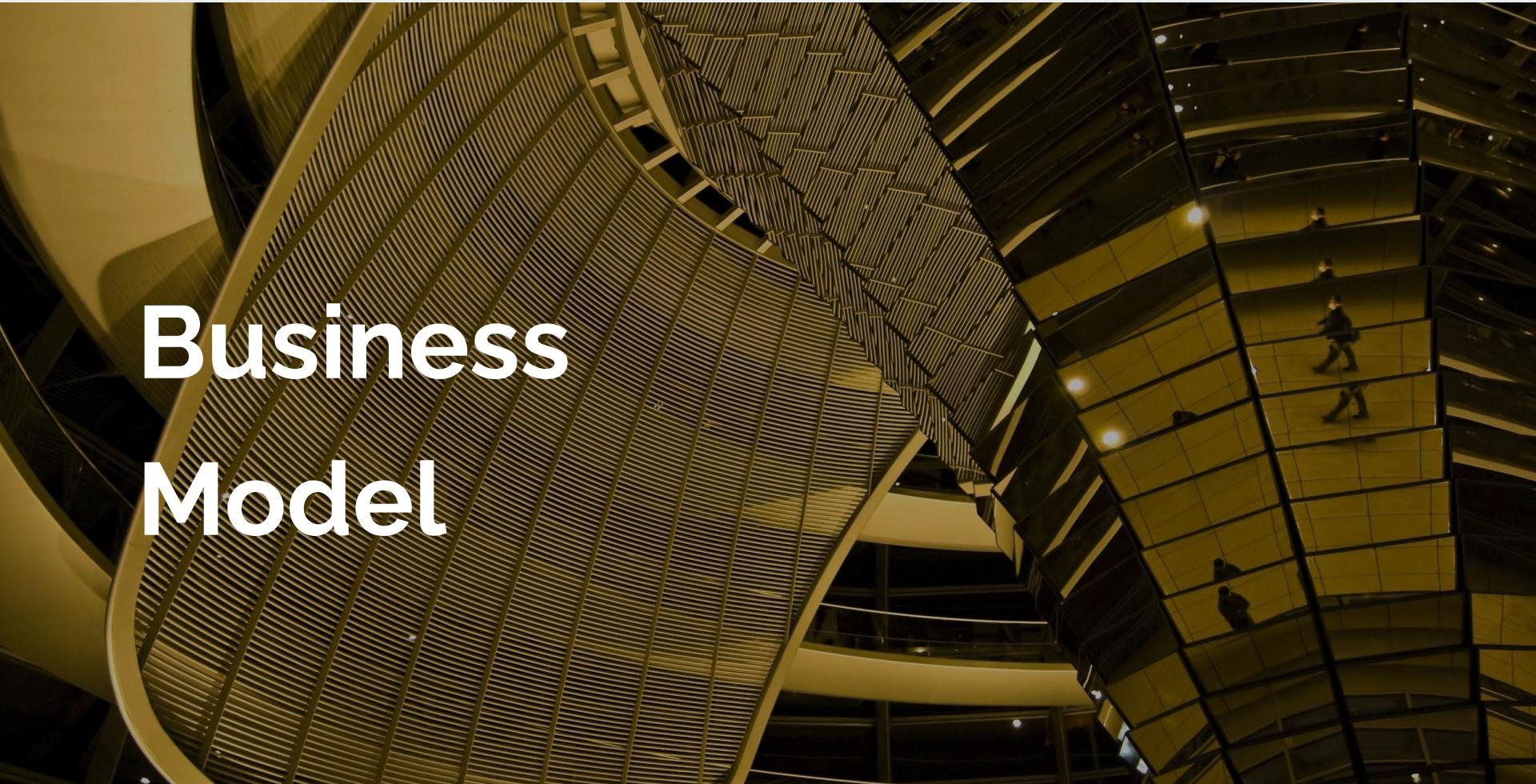
DigitalOcean opened its [first European data center](#) located in [Amsterdam](#).

DigitalOcean became the [second largest hosting provider](#) in the world according to a report by Netcraft.

The company has [13 data centers](#) in various parts of the globe, including [Bangalore](#), [Toronto](#) etc.



Business Model



Business model

DigitalOcean offers [virtual private servers \(VPS\)](#), or "droplets" using DigitalOcean terminology and that can be created in various sizes. The company targets its offering at software developers who need to launch and scale their applications.

- 01 | Offers 6 different 6 GNU/Linux distribution.
- 02 | Has dozens of one-click applications.
- 03 | Can be managed through a web interface or doctl command line interface.
- 04 | Offers block & object-based storage and Kubernetes-based container service.
- 05 | DigitalOcean requires users to have some experience in sysadmin and DevOps.





Accessibility

- The platform provides various well-known Linux distributions that can be pre-installed upon server deployment: Ubuntu, Debian, CentOS, CoreOS, and Fedora etc.
- Numerous application stacks can be installed with a single click, including LAMP, Docker, MERN or MEAN.
- Also available are development frameworks such as Django, Ruby on Rails, and Node.js.
- Applications such as CMS solutions Ghost and Wordpress, and eCommerce software programs such as Magento are easily available for the ease of developers.



Performance

- The servers use high-performing Solid State Disks. This provides an advantage over shared hosting in that cloud servers can be live and configurable within 55 seconds.
- It also provides an advantage over dedicated servers in that it allows on-the-fly scaling.
- Expanding disk size takes less than an hour, while changing the volume of RAM on a box can be achieved with a simple reboot.
- Furthermore, the solution offers a 99.99% uptime around power, network, and virtual server availability.



Pricing

- The company provides its solution at a relatively low price. Hosting begins at \$5 per month.
- The firm also provides value by not charging a setup fee or having a minimum spending requirement.
- DigitalOcean has also achieved a number of milestones, including becoming the fastest-growing cloud hosting service and the second-largest hosting company in the world in the area of web-facing computers.



Products



Products

Designed for developers. Built for businesses.

Over 150,000 businesses develop, manage, and scale their applications with DigitalOcean's solutions.

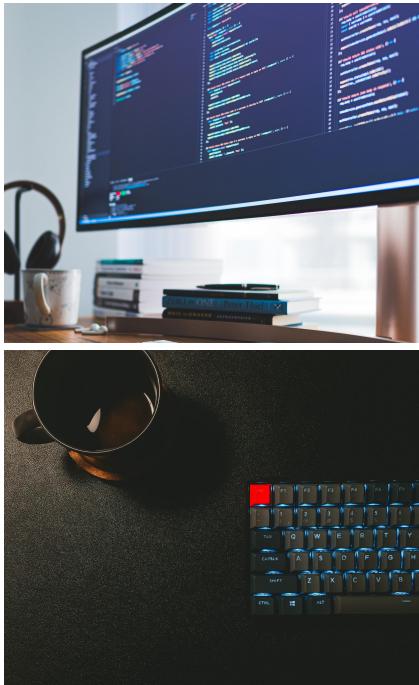
01 | Compute

02 | Storage

03 | Networking

04 | Databases

05 | Developer & Management Tools





Compute

Build and release faster with scalable compute products in the cloud. DigitalOcean provides flexible server configurations sized for any application, industry leading price to performance, and predictable pricing that is the same across regions and usage volumes.



Droplets

On-demand Linux virtual machines. Choose from shared CPU and dedicated CPU plans, with variable amounts of RAM, locally attached SSD storage, and generous transfer quotas.



Kubernetes

An easy-to-use managed Kubernetes service, providing you uptime, scalability, and portability for your cloud native apps. Free control plane included.



App Platform

Build, deploy, and scale apps quickly using a simple, fully managed solution. We'll handle the infrastructure, app runtimes and dependencies, so you can focus on your code.



Spaces Object Storage

Store and scale vast amounts of data without worrying about compute server storage limits. Manage your data with S3-compatible tools.



Spaces Content Delivery Network

Quickly deliver data from Spaces with a built-in content delivery network that is close to end users.

Local SSD

Perform data operations quickly with local solid state disks.



Volumes Block Storage

Add storage to your compute servers as needed.

Storage

Store and quickly access any amount of data reliably in the cloud. DigitalOcean offers several kinds of storage depending on your needs.



Networking

Secure and control the traffic to your applications with your own private network, cloud firewalls, traffic filtering, and load balancing.



Cloud Firewalls

Protect your applications by filtering out unwanted traffic. Filtering occurs upstream and in front of your server infrastructure.



Virtual Private Cloud (VPC)

Improve your application security with your own private network, which restricts traffic to resources provisioned on your same account.



Load Balancers

Scale your applications more easily with a highly available load balancing service.

DNS

Reliable resolutions with a scalable domain name system service.

Databases

Combine the power of our core VM platform with a fully managed MySQL, PostgreSQL, and Redis databases to give your application the performance it needs – without the operational demands that come with building and running your own database server.



Managed PostgreSQL

Worry-free
PostgreSQL hosting



Managed MySQL

Worry-free MySQL
hosting



Managed Redis

Worry-free Redis
hosting



CLI

Manage your Digital Ocean infrastructure through your terminal with our open source Command Line Interface (CLI).



Client libraries

Our collection of libraries lets you use our API in a variety of programming languages.



Container Registry

Easily store, manage, and protect private container images.

API

Manage your Digital Ocean infrastructure with our RESTful API.



GitHub Actions

Automate DigitalOcean infrastructure in response to activity on Github.

Developer tools

Manage resources programmatically and integrate across the developer ecosystem with our easy to use API and Command Line Interface.



Management tools

Monitor and manage, both your software and your team.



Monitoring

Monitor application and infrastructure resource usage with built in monitoring and alerting.



Projects

Organize your resources into groups that fit the way you work.



Teams

Collaborate with others to manage and scale infrastructure without sharing credentials.



Solutions



Web and mobile apps

Build & run the backend of your web & mobile apps using our developer-friendly, production-ready cloud platform.

Fast and flexible computing

Compute, Code and store data for your apps.

It's built with best-in-class Intel processors that run your app at blazing speeds.

[Cloud Spectator](#), found that DigitalOcean gives superior price-performance compared to Amazon & Google.

Droplets (IaaS)

Start virtual machines called, Droplets with your choice of Linux OS in 55 seconds or less.

App stacks

- > LAMP (Apache, MySQL, PHP installed)
- > Node.js
- > Django

High-speed storage

- > Spaces (Object Based Storage)
- > Volumes (Block Based Storage)

Databases

- > MySQL
- > PostgreSQL
- > Redis

Droplets (IaaS)
or,
DigitalOcean
Kubernetes
(KaaS)

Spaces (Object
storage)
or,
Volumes (Block
storage)



APACHE hadoop



APACHE spark

Big Data Computing

Run batch and streaming big data workloads using our developer-friendly cloud platform.

Reliable & secure infrastructure for big data

Building blocks for big data: compute & storage.

You're free to use any big data framework. Many DigitalOcean customers utilize [Apache Hadoop](#) or [Spark](#).

[With DigitalOcean, you can run your big data jobs directly on VMs or Kubernetes.](#)



Other Solutions offered by DigitalOcean

Simple solutions for complex issues

DigitalOcean offers everything your development teams need to succeed.

[Control your costs](#)

[Protect your information](#)

[Get global availability](#)



Website Hosting

Easily & reliably host a website



Video Streaming Hosting

Create a highly available streaming service



Cloud VPN

Setup a fast and reliable VPN



Gaming Development

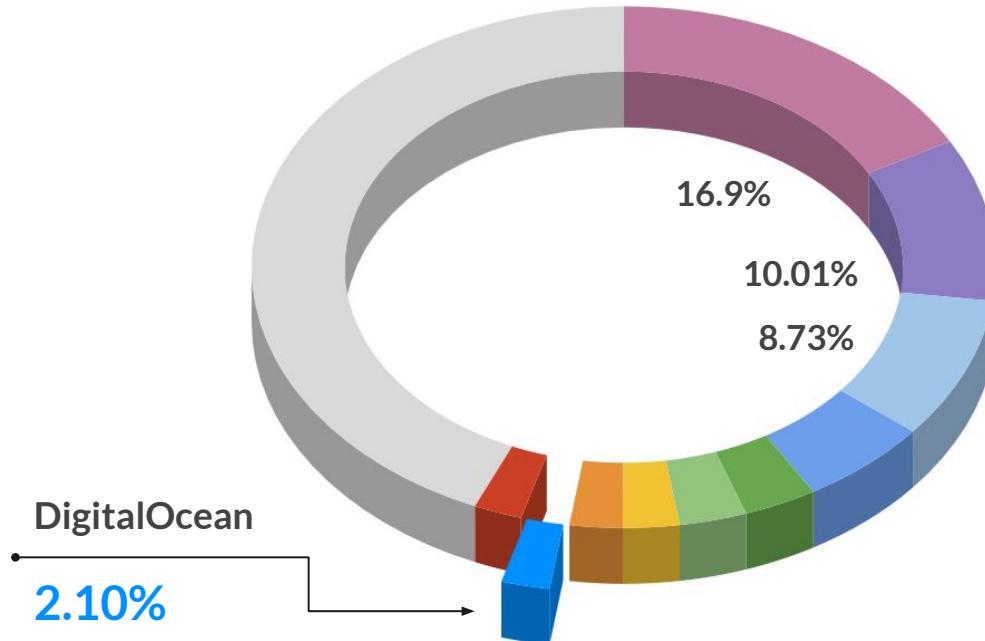
Scale your games as fast as you want



Market Share

Market Share

1. GoDaddy Web Hosting - 16.90% ●
2. Google Cloud Platform - 10.01% ●
3. AWS Web Hosting - 8.73% ●
-
-
-
9. DigitalOcean - 2.10% ●
10. WP Engine - 2.08% ●
11. Others ●





Market Share

This data is based on Website Hosting trends

As of now [DigitalOcean](#) stands at the [9th](#) position
in web hosting leaderboard.

Popular sites using DigitalOcean

- | | |
|--------------|-----------------|
| → Python.org | → Scroll.in |
| → Y8.com | → Nagaswap.org |
| → Picuki.com | → Programiz.com |

1,519 ↑

Websites added

2,109 ↓

Websites dropped

219,174

Current websites

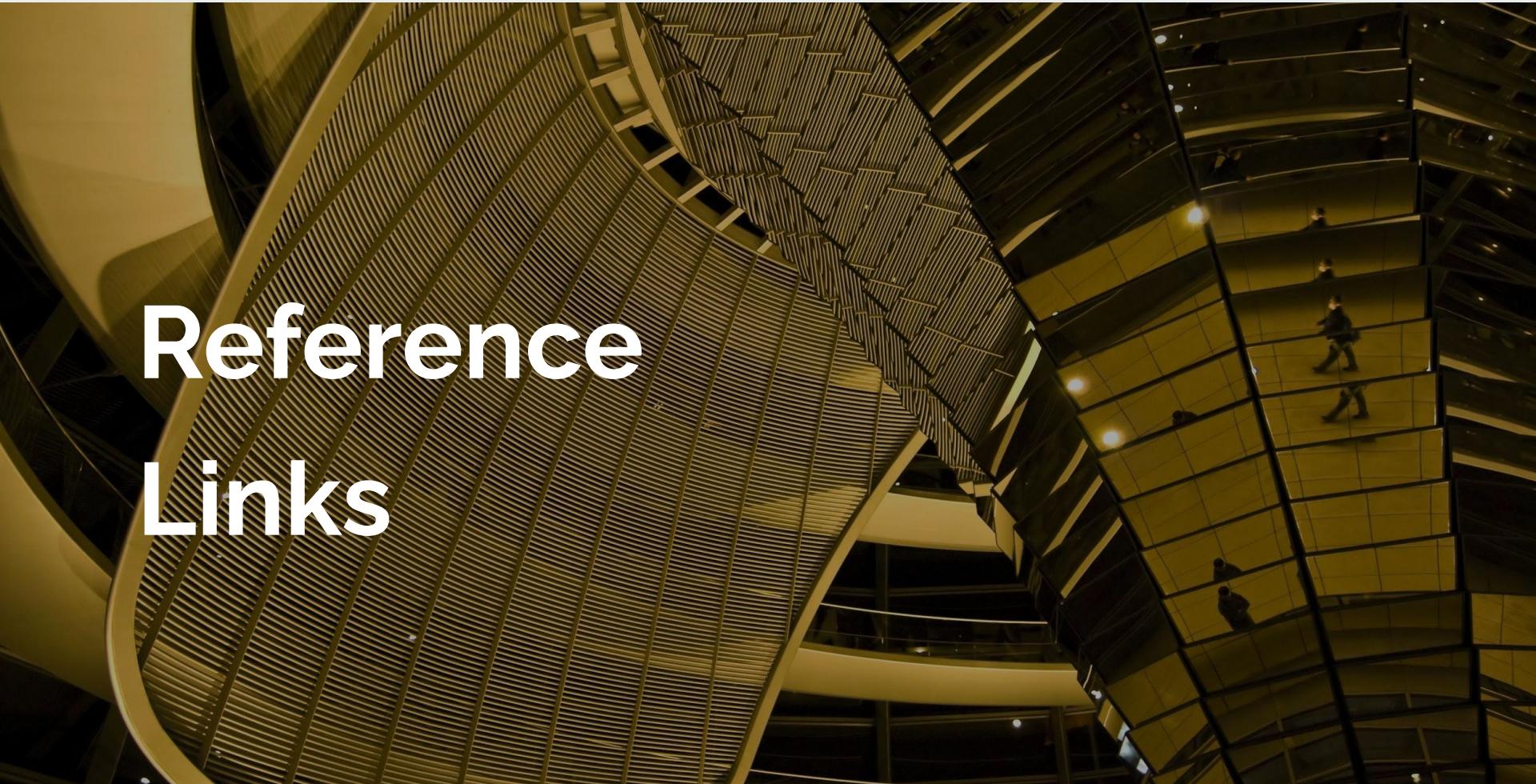
2.10%

Market share

source: datanyze.com



Reference Links



Reference

- Wikipedia - DigitalOcean, Inc.
- DigitalOcean - Homepage
- DigitalOcean - About
- DigitalOcean - Products
- DigitalOcean - Community
- Cleverism.com - DigitalOcean
- Glassdoor Reviews - DigitalOcean
- Datanyze.com - DigitalOcean
- w3techs.com - DigitalOcean
- Unsplash.com

Thanks.