

 alwaysdata

Public Cloud

Hosting in a shared environment



Single cloud. Endless possibilities.

Showcase site, e-commerce store or high traffic app...

Our public cloud architecture allows you to achieve an unparalleled level of service, whatever your applications might be.

Highlights

- 100% SSD high-performance servers
- Automatic and free SSL
- Languages and versions configurable by site
- 1-click installation of dozens of applications
- Daily backups kept for 30 days
- Integrated HTTP cache and WAF
- Complete email solution
- Advanced, fast and efficient support

Need more space? You can migrate to more storage at any time, free of charge and without interruption of service. **Everything else is included.**

Continuous service

Our guarantees: **GRT : 1hr** and **MTTR : 4hr** *.

[Discover our rates](#)

* GRT : Guaranteed Response Time / MTTR : Mean Time To Repair

Private Cloud

Customized hosting in a private managed environment



Analysis of your needs

Together we define your personalized offer.

Tailor-made solution

We install and configure your private cloud.

VPS

GRT : 30 mins

MTTR : 2hr

Dedicated or Redundant Dedicated

GRT : 15 mins

MTTR : 1hr

Outsourcing

Without alwaysdata

My bare server and my internal administrator

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My bare server and an external provider

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With alwaysdata

Private Cloud,
a complete managed solution.

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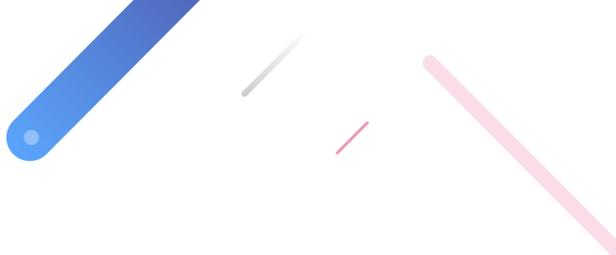
- Maintenance
- 24/7 monitoring
- Performance monitoring
- Regular security optimizations and updates

Scalability

Changing needs? We take care of everything so that nothing changes for you!

Discover the details and configurations

Infrastructure



alwaysdata owns its entire infrastructure (servers, racks, equipment) and operates its own network (AS60362). This independence ensures that we are in control from start to finish and enables us to guarantee an impeccable quality of service.

Our main infrastructure is hosted in Paris, giving us excellent connectivity in France and Europe. We use the data centers of Equinix, the world's leading provider with proven expertise. Our secondary infrastructure (including all backups) is hosted at other data centers, at least 10 km away.

Our servers are made up of hardware selected by us, from the latest generations of professional ranges from well-known manufacturers (AMD, Intel, Supermicro). We offer many configuration options that allow us to have dedicated servers that are truly customized and adapted to each of our clients.



Software architecture

All our servers run on Linux (Debian).

Isolation

**Each client account is isolated from the others via a transparent pseudo-containere-
zation, regardless of the type of offer (shared, VPS, dedicated). This mechanism
offers many advantages:**

- Enhanced security: no matter what happens - even if there is malicious code - no account can interfere with any of the others;
- Unlimited customization: each account can run whatever it wants without restriction, including having its own HTTP server, whichever one it might be;
- Elasticity in performance: it is possible to use all the available CPU of a server, since the resources are automatically shared so that other accounts are not penalized, a very useful feature at times of peak traffic;

Features

**Because alwaysdata is designed primarily by developers, we have a lot of advanced
features. Among them:**

- Full SSH access;
- Native and widespread IPV6;
- Support for a large number of technologies (PHP, Node.js, Python, Ruby, MariaDB, PostgreSQL, RabbitMQ, etc.);
- SSL: automatic and free configuration via Let's Encrypt;
- Advanced settings (Apache configuration, modifiable php.ini, local installation of programs and libraries, etc.);
- Daily backup with 30-day retention;
- Emails, mailing-lists, redirections, anti-spam;
- Scheduled tasks (cron jobs) and monitored services;
- Automatic web statistics via Matomo;
- Remote access to databases allowed;
- API REST;
- Integrated HTTP cache and WAF.

Reliability

Electricity and air conditioning

- All our equipment (network equipment, servers) is powered by two totally independent electrical chains;
- Inverters and generators guarantee an uninterrupted power supply, even in the event of an ERDF power cut to the site for several days;
- The rooms' air conditioning is provided by two independent systems capable of maintaining a stable temperature whatever the external conditions;
- Simulations of electrical and air conditioning failures are carried out every month to ensure that all the equipment, including the emergency equipment, is working properly.

Monitoring

- All our servers are monitored by internal and external probes (located in numerous countries), allowing us to be alerted immediately in the event of an anomaly;
- Our engineers are on call 24 hours a day, ready to intervene within minutes of a failure being detected;
- Technicians are present at our data centers, 24 hours a day, to carry out interventions whenever they are requested by our engineers.

Network

- Our connectivity is provided by 4 redundant network operators (transit);
- All our network equipment (switches, routers) works in pairs, with equipment from two different manufacturers, ensuring continuity of service in the event of a hardware or software failure;
- Each server has a dual network connection to the switches, with automatic failover in case of failure.

Servers

- Each server is powered by two redundant power supplies;
- All the disks are duplicated in real time (RAID) and can be swapped without interruption (hot-swap);
- Spare equipment is available on site for immediate use in case of failure.

Security

Physical

The data centers are accessed in a secure manner using:

- Biometric recognition;
- Name badges;
- Security teams.

Server

All our servers are:

- Equipped with a firewall, with an automatic banning mechanism for IPs carrying out attacks;
- Updated regularly, and even immediately (within 24 hrs) if news of a severe security breach is made public.

Network

Our network and all our servers are protected from DDoS attacks by a 4-level system of defense:

- Each server is configured and optimized to be able to handle medium-sized attacks without manual intervention;
- In case of a larger attack, anti-DDoS protections are automatically activated with our network providers, thanks to 2 distinct and redundant implementations;
- For even more complex attacks, our engineers can define custom blocking rules, in coordination with our network providers' engineers if necessary;
- In the event of a hypothetical extremely massive attack (several Tb/s), a DNS rerouting strategy to a third-party provider is available.

Backups

We make backups of all our customers' data:

- Daily;
- Retained for 30 days;
- Directly accessible by our customers in read-only mode;
- Restorable in 1 click from our administration;
- Stored in external data centers, located at least 10 km away, and managed by a separate operator.

Commitments

Beyond our commitment to deliver a high-quality service, we have always wanted [alwaysdata](#) to follow a responsible course of action on various well-defined points:

Individual well-being within the team

At [alwaysdata](#), we are all one. Our flat governance structure allows everyone to be fully involved in all aspects of our business. We really want to keep everyone's involvement and motivation intact as we move forward in our organization. With this in mind, we have set up an employee savings plan that is divided equally between each member of the team.

Active contribution to open-source solutions

Since our architecture is based on a large number of open-source bricks, we have been trying to give back to them since 2006: source code patches, participation in technical conferences (as spectators or speakers), allocation of an annual budget for donations, or even free hosting for some projects.

A top priority in data confidentiality

When the GDPR (General Data Protection Regulation) came into force in 2018, compliance came very naturally to us thanks to our working methods, since protecting our clients' data has always been a key priority.

A warrant canary is available on our site, also guaranteeing our independence.

A conscious and responsible environmental stance

A few notable elements concerning our actions: our data centers are located in France (one of the countries with the most de-carbonized energy), and have certifications (ISO) based on the continuous improvement of environmental performance. In addition, our entire team works from home, reducing personal emissions

alwaysdata is a human-sized web hosting company. Since 2007, it has offered shared, VPS and dedicated hosting services. The platform has its own infrastructure, deployed at data centers located in the Paris region. Designed by developers, the offers are all managed and are very accessible thanks to a simple and intuitive interface, and a responsive and efficient technical support team.

Contact

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Find us on:

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