



dotCMS Product Brief

# dotCMS Cloud

Trusted, Continuous & Connected  
Customer Experiences



## Inside the Brief

dotCMS Cloud has been available since 2009 and, recently, as a Platform as a Service offering on AWS infrastructure.

### Key Benefits

- **Moving away from managed services environments**
- **Platform-as-a-Service**
- **Dev Ops agility**
- **Auto-scaling / auto-wiring**
- **Availability up to 99.95%**
- **Containerization**
- **Seamless Upgrades**



## dotCMS Cloud Vision

It's our vision to deliver a product that supports **multi-cloud** orchestration, aiming for the highest level of **security, agility** and **continuity** for business-critical applications.

dotCMS Cloud allows customers to **self-provision and self-scale** cloud infrastructures to meet changing business needs as they go and please.

## CDN Support and Caching

dotCMS support any CDN (Fastly, Akamai, etc.) and dotCMS Cloud has native Amazon Cloudfront, using static push publishing to an S3-bucket.

dotCMS maintains multiple different cache regions to improve performance by enabling **efficient handling of different types of data and content**. Offering memory and disk-caching as well the modification of cache chaining<sup>1</sup>, offers maximum performance tuning for complex websites.

## Under the Hood

**Built on Amazon AWS**, dotCMS Cloud benefits from its best-in-class cloud infrastructure. Our team of Cloud experts constantly monitors and improves the platform to ensure the highest quality of service. Using data centers around the world, means dotCMS Cloud is always close to your customers and you decide where your data is stored. **dotCMS Cloud makes global roll outs a matter of a few clicks and leverages CDNs** to further accelerate your digital delivery.

## Availability up to 99.95%

Moving business-critical applications to a vendor cloud requires trust. Virtually every company is digital nowadays and that means they are open for business 24/7. This requires a platform that is available to customers and business partners at all times. **dotCMS Cloud offers availability SLAs up to 99.95%.**

## Self-Service

With dotCMS Cloud, you benefit from the leading digital experience platform in the cloud and stay in control of your environments. Through the authoring environment of the CMS, you can **monitor your dotCMS Cloud stacks, manage deployments through Push Publishing and OSGi, and make backups or access log files.**

## Containerization

Any modern business application has to support containerization technologies. dotCMS is no exception and can be containerized with the rest of your online applications. Docker, Swarm, and Kubernetes are supported out-of-the-box while insights<sup>2</sup> and hands-on training<sup>3</sup> are available on our site.

## Authentication Support

Modern digital experience platforms require secure and corporate-wide authentication for every businesscritical application. dotCMS supports authentication based on Oath, SAML<sup>4</sup> and many other mainstream protocols to secure and authenticate access to your dotCMS Cloud environment.

## Open Platform

Digital experiences that stand out from the competition are continuously optimized and harmonize a range of different solutions in the background. That is why dotCMS Cloud facilitates a fully customizable delivery tier for no-limits digital innovation. Open APIs ensure that dotCMS Cloud provides interoperability with third-party data and solutions for seamless connectivity with the overall organization.

Dev Ops teams can leverage the dotCMS REST and GraphQL APIs and work with the Low-Code API Tooling to create endpoints that fuel interoperability in your dotCMSpowered digital experience platform.

## Availability up to 99.95%

Moving business-critical applications to a vendor cloud requires trust. Virtually every company is digital nowadays and that means they are open for business 24/7. This requires a platform that is available to customers and business partners at all times. **dotCMS Cloud offers availability SLAs up to 99.95%.**

## Self-Service

With dotCMS Cloud, you benefit from the leading digital experience platform in the cloud and stay in control of your environments. Through the authoring environment of the CMS, you can **monitor your dotCMS Cloud stacks, manage deployments through Push Publishing and OSGi, and make backups or access log files.**

**...you can monitor your dotCMS Cloud stacks, manage deployments through Push Publishing and OSGi, and make backups or access log files.**

## Containerization

Any modern business application has to support containerization technologies. dotCMS is no exception and can be containerized with the rest of your online applications. Docker, Swarm, and Kubernetes are supported out-of-the-box while insights and hands-on training are available on our site.





## Authentication Support

Modern digital experience platforms require secure and corporate-wide authentication for every businesscritical application. dotCMS supports **authentication based on Oath, SAML and many other** mainstream protocols to secure and authenticate access to your dotCMS Cloud environment.

## Open Platform

Digital experiences that stand out from the competition are continuously optimized and harmonize a range of different solutions in the background. That is why dotCMS Cloud facilitates a fully customizable delivery tier for no-limits digital innovation. Open APIs ensure that dotCMS Cloud provides interoperability

with **third- party data and solutions for seamless connectivity** with the overall organization.

Dev Ops teams can leverage the dotCMS REST and GraphQL APIs and work with the Low-Code API Tooling to create endpoints that fuel interoperability in your dotCMSpowered digital experience platform.

## Application Performance Monitoring

dotCMS is an API-first content platform, that **exposes everything over APIs**. Monitoring your dotCMS Cloud-enabled business application can be harmonized with your existing API tooling for a 360 view of your entire digital ecosystem.

## Seamless Upgrades

Unlike many of our competitors, an upgrade to a **higher version of dotCMS is included in the subscription**. It means that your team can focus on innovation instead of cumbersome upgrades. The upgrades are unrestricted and apply to minor, major, and all patch releases.

## Enterprise Architecture

dotCMS Cloud supports architectures that can range from fairly straightforward all the way up to larger, enterprise-grade deployments with multiple and distributed publishing architectures.



# What's Next for dotCMS

What was and is new in previous & upcoming dotCMS releases:

- [What's New in dotCMS 5.0](#)
- [What's New in dotCMS 5.1](#)
- [What's New in dotCMS 5.2](#)

## Complimentary Evaluation Support

dotCMS offers a variety of tactics to test-drive and proof out your key use-cases around your personalization strategy. It is our investment and helps you to evaluate dotCMS effectively, way beyond shiny product demos and slick sales presentation.

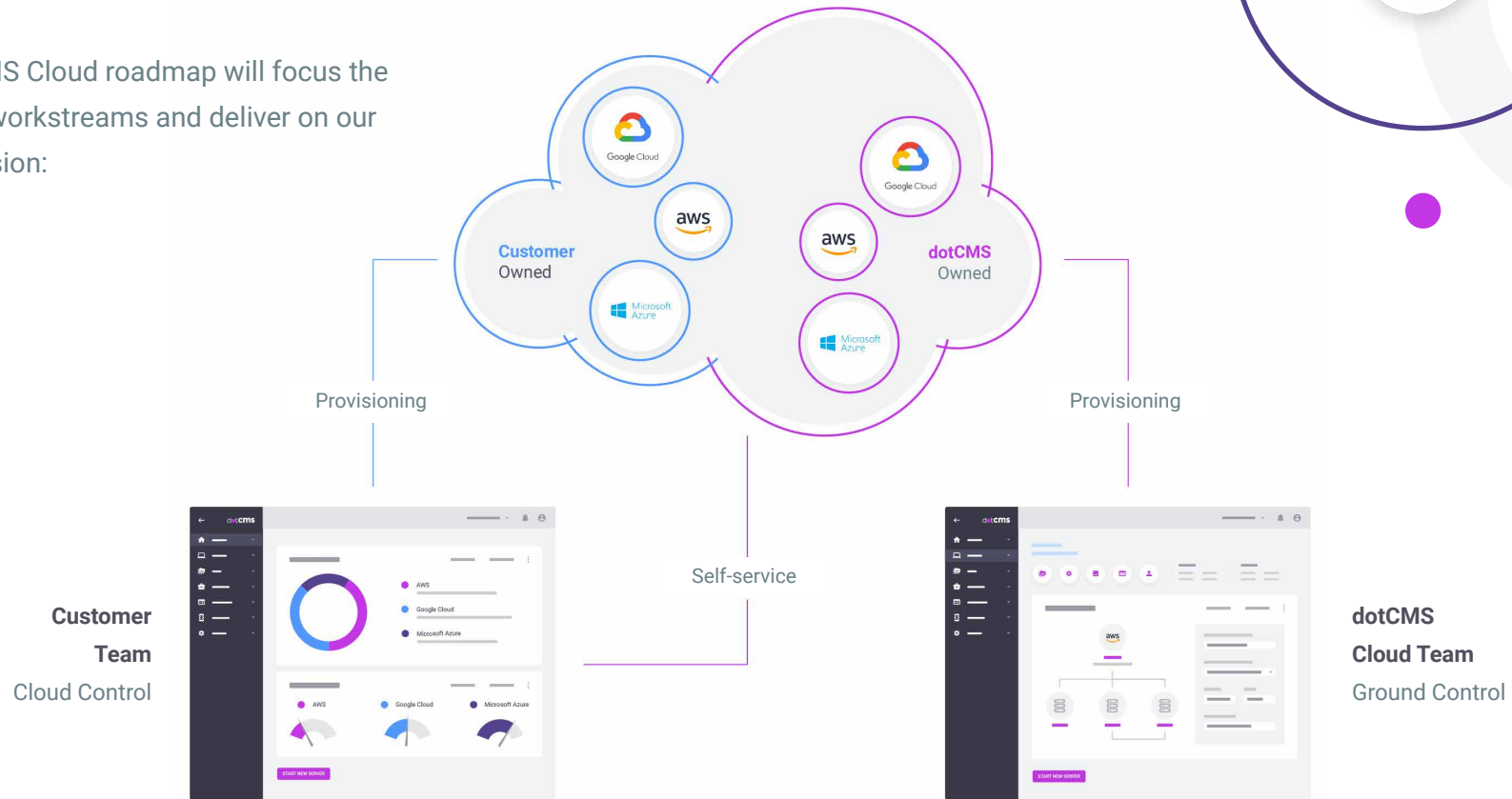
More on our evaluation support [here>>>](#)

## References

- 1 [Cache Configuration in dotCMS](#)
- 2 [Why Containerization Makes Sense for Your CMS - On-demand Webinar](#)
- 3 [Hands-on Training with dotCMS & Docker On-demand Webinar](#)
- 4 [Multi-side Management with Enterprise Security - White Paper](#)

# dotCMS Cloud Roadmap

The dotCMS Cloud roadmap will focus the following workstreams and deliver on our product vision:



## 01. Operational Delivery Excellence

Focus on the delivery of the dotCMS Cloud service, including **account management**, **contract management**, **billing and reporting** for AWS, Azure and Google Cloud.

## 02. Self-provisioning:

Exposing **self-provisioning scenario** to dotCMS Cloud customers directly from the dotCMS UI and without any intervention of dotCMS.

## 03. Multi-cloud orchestration

**Offering cross-cloud / multi-cloud deployments** of dotCMS, regardless if your organization owns the cloud stock or dotCMS.





## About dotCMS

**dotCMS is a leading, open source content and customer experience management platform** for companies that want innovation and performance driving their websites and other content-driven applications. Extensible and massively scalable, both small and large organizations can rapidly deliver personalized and engaging content across browsers, mobile devices, channels, second screens and endpoints -- all from a single system.

Founded in 2003, dotCMS is a privately owned US company with offices in Miami, Florida; Boston, Massachusetts and San Jose, Costa Rica. With a global network of certified development partners and an active open source community, dotCMS has generated more than a half-million downloads and thousands of implementations and integration projects worldwide. **Notable dotCMS customers include:** Telus, Standard & Poors, Hospital Corporation of America, Royal Bank of Canada, DirecTV, Thomson Reuters, China Mobile, Aon, and DriveTest Ontario.

### Miami

3059 Grand Av.  
Miami,FL,33133  
U.S.A

### Boston

200 Portland St.  
Boston,MA,02114  
U.S.A

### Heredia, Costa Rica

Eurocenter  
Primera Etapa, 2nd Floor  
106 Heredia, Costa Rica

ON-DEMAND DEMO



[dotcms.com](https://dotcms.com)



+1-305-900-2001



[sales@dotcms.com](mailto:sales@dotcms.com)