



Agility Meets Enterprise-Class: CumuloLogic Cloud Services for HP Cloud

Highlights

- Deliver Amazon-like cloud services on HP Cloud Services
- Services include Relational and NoSQL Database-as-a-Service, Elastic Load Balancer and Distributed In-Memory Cache-as-a-Service
- Integrated Platform-as-a-Service for Java and PHP applications
- All cloud services are fully managed, fault-tolerant, secure and scalable
- Support uses cases, such as Web Application Hosting, Disaster Recovery, Big Data Analysis, Dev/Test/QA Environments and more
- Supports leading open source stacks and middleware components from Red Hat, IBM, Apache, MySQL, and MongoDB. Application servers supported include: JBoss, Tomcat, and GlassFish
- Provides an easy path towards a hybrid cloud model

When it comes to public cloud, you should demand a solution that allows you to instantly bring business agility to your organization.

With CumuloLogic Cloud Services on HP Cloud, you can instantly experience the benefits of the most flexible cloud architecture, which is designed from the ground up for production environments.

The combined CumuloLogic-HPCS solution allows you to build services, such as fully managed and scalable Relational and NoSQL Database-as-a-Service, Elastic Load Balancer and distributed in-memory Cache-as-a-Service. And all these services are completely integrated with Platform-as-a-Service (PaaS), simplifying the deployment of Java and PHP applications.

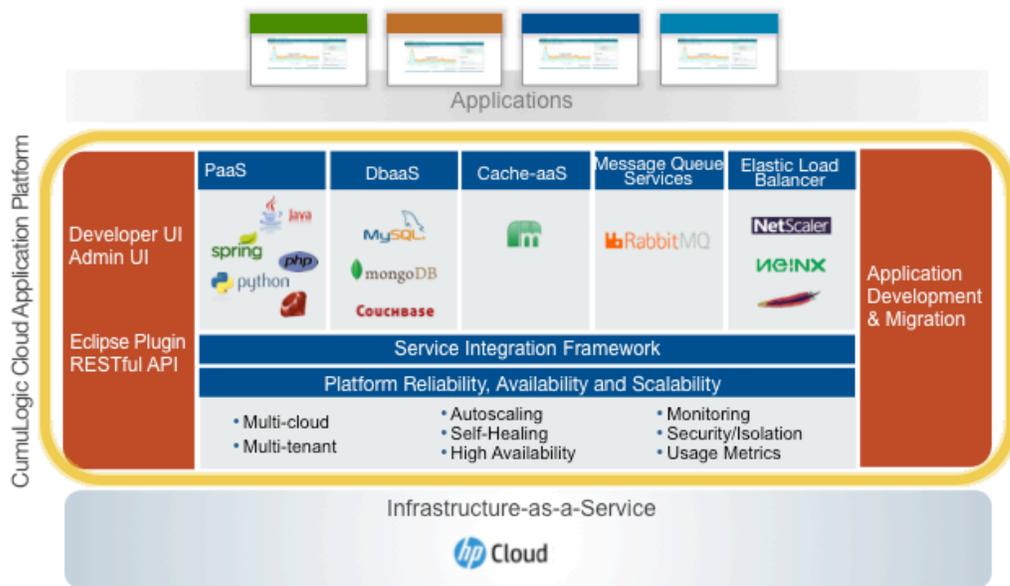
If you are looking for high performance and/or customizable options, such as High IOPS for databases and larger memory for processing workloads that are not currently available on generic clouds, with CumuloLogic-HPCS-powered services, you can support use cases for web application hosting, fault tolerance and high availability, big data analysis, disaster recovery for applications, and more.

Cloud Services At-A-Glance

At the heart of CumuloLogic software suite is a Platform-as-a-Service pre-integrated with cloud services to simplify applications development and deployment on *any* cloud. Developers simply “push” Java and PHP applications to the cloud and the underlying platform manages the entire lifecycle of the applications.

The relational database service (MySQL) and NoSQL service (MongoDB) provide cost efficient, scalable and managed database in the cloud. This service is extremely simple to deploy, and is Amazon RDS service-compatible, making it seamless to migrate applications from Amazon. It also provides high availability, resiliency, backup and restore, and performance optimization functions to meet the requirements of mission critical applications. Additionally, database isolation and access controls ensure data protection of highly secure and privacy-sensitive applications.

The elastic in-memory cache service delivers Memcached-as-a-Service, which is a key component of web application architectures. This service can be easily optimized for specific workloads.



James Gosling Creator of Java

“I’M ENTHUSIASTIC ABOUT CUMULOGIC’S PAAS CLOUD MANAGEMENT SOLUTION AS IT UTILIZES THE HIGHER LEVELS OF ABSTRACTION INHERENT IN THE PAAS MODEL TO REDUCE THE COMPLEXITY OF CLOUD MANAGEMENT, PROVIDES TARGETED FACILITIES FOR BOTH DEVELOPERS AND MANAGEMENT, AND ERASES THE DISTINCTIONS BETWEEN THE VARIOUS CLOUDS ENABLING TRANSPARENT INTEROPERABILITY.”

Extremely light weight health agents monitor the cache nodes to ensure availability and will automatically re-provision any failed node.

The elastic load balancer service provides capabilities to manage traffic on any cloud instance or application. The load balancer will automatically route traffic to different web servers or application servers to sustain high workload on a given application. The elastic load balancer dynamically reconfigures to scale the number of web servers or VM instances.

CumuLogic-HPCS Advantages

CumuLogic’s platform on HPCS makes it easy to develop, deploy and manage Java and PHP applications, while improving efficiency, time-to-market, and lowering the cost of management – with the most flexible application architecture. CumuLogic cloud services on the HP Cloud enables the following:

- Seamless migration of existing applications to HP public cloud with near-zero effort.
- Delivery of high performance database and caching services for large scale applications.
- Investment protection of existing IT assets by allowing you to pick and choose application infrastructure components.

- Portability of applications, thereby eliminating cloud vendor lock-in.
- API-driven services for improved efficiency and time-to-market.

Use Cases

Hosted Web Apps

Large scale web applications require low latency, autoscalable and high performance application infrastructure services, such as NoSQL or SQL databases, elastic load balancers and large amounts of distributed cache. CumuLogic Cloud Services on HPCS provide all the infrastructure services for such large scale applications, so your customers can quickly build and deploy complex architectures on your cloud.

Disaster Recovery

CumuLogic Cloud Services on HPCS can be architected to provide your customers a disaster recovery and business continuity solution, making it extremely cost effective for enterprise customers and with significantly faster recovery times.

Big Data Analysis

With its support for autoscalable NoSQL database services, CumuLogic Cloud Services provide the resources for customers to build architectures for big data analysis.

Development/Test/QA/Lab Environments for Enterprises

With a cloud powered by CumuLogic Cloud Services, you can help enterprise customers lower IT costs by offering Development/QA/Test/Lab environments on public clouds. Developers get access to self-service application infrastructure within seconds and deploy applications with a single click.

Managed Services for Hybrid Clouds

As CumuLogic’s software suite is available to build and deliver cloud services for on-premise datacenters, Cloud Providers with managed service offerings can offer hybrid cloud services based on the customer’s security, compliance or service level agreement (SLA) requirements. Additionally, Cloud Providers can manage a customer hybrid cloud from a single console greatly simplifying the cloud management.

Getting Started

To test drive CumuLogic Cloud Services on the HP Cloud, please register at cumulogic.com/hpcs. For additional information, please contact us at info@cumulogic.com.