CumuLogic

CITRIX PARTNER
Citrix Ready

Java · php · spring · MySQL · mongoDB · RabbitMQ · NGIИX

Ignite Your Citrix Cloud with Amazon-like Cloud Services

CumuLogic Cloud Services is a software suite for Cloud Providers to deliver private-label, high value Amazon-like cloud services on Citrix CloudPlatform or Apache CloudStack cloud.

With CumuLogic Cloud Services, you can deliver 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. All these services are completely integrated with Platform-as-a-Service, which simplifies the deployment of Java and PHP applications.

With CumuLogic Cloud Services, your customers have the flexibility to orchestrate their services and design application architectures to fit specific availability, scalability, disaster recovery and performance needs.
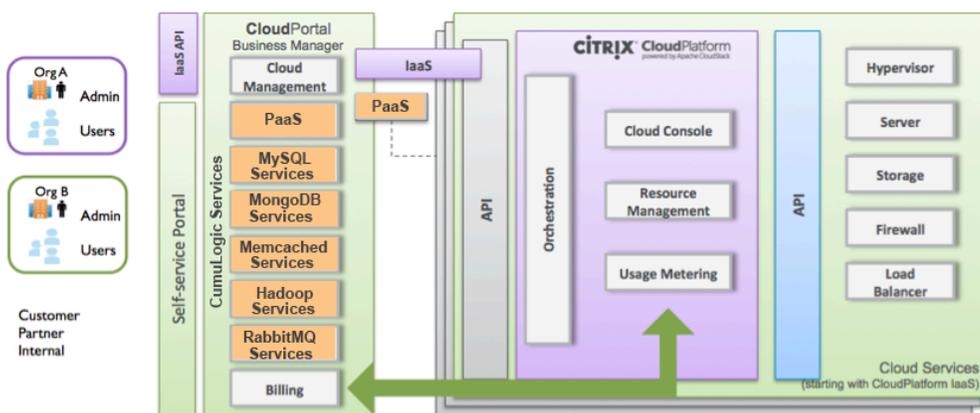
Global 2000 enterprises and web companies are looking for high performance and/or customizable options, such as High IOPS for databases and larger memory for processing workloads that are not currently available on generic clouds. With CumuLogic Cloud Services-powered services, you can support use cases 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 CumuLogic Cloud Services is a Platform-as-a-Service, which simplifies the deployment of applications 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) provides 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 and resiliency, plus backup and restore, and performance optimization functions to meet the requirements of mission critical applications. Additionally, database isolation and access controls ensure data protection.

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. Health agents monitor the cache nodes to ensure availability and will automatically re-provision a failed node.

The elastic load balancer service provides capabilities to manage traffic on any cloud instances or applications. 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-Citrix Advantages

CumuLogic Cloud Services complement your Citrix-based compute, storage and network offerings to deliver higher value services for a wide range of customer use cases, ensuring greater customer retention and greater differentiation from competitive offerings.

- CumuLogic PaaS allows you to cater to 9 million Java and PHP developers.

- CumuLogic PaaS enables the migration of existing applications to your cloud with near-zero effort.

- Deliver high performance database and caching services for large scale web and gaming applications.

- Deliver mid-tier, self-managed, self-service user experience.

- Customized and optimized solutions for specific verticals.

- Increase cloud resource utilization through new additional, high margin billable services.

- Integrated billing and metering via Citrix CloudPortal Business Manager.

GET CLOUD SERVICES UP AND RUNNING IN A WEEK TO OFFER HIGHER VALUE, HIGHER MARGIN SERVICES.

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 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 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

CumuLogic's software suite is deployed either on-premise and co-located with CloudPlatform or Apache CloudStack clouds, or can be hosted externally on the remote servers. Please contact us at info@cumulogic.com.