

HCL BigFix Cloud Lifecycle Management

A Hybrid Cloud Management Platform

Product Brochure

Value of HCL BigFix Cloud Lifecycle Management

There is a growing interest and adoption in cloud-based enterprise applications as they can effectively optimize IT-related costs by offering a pay-as-you-go model of infrastructure consumption. Many enterprises recognize the benefits of IT deployment and management liberalization across departments- agility being the most coveted benefit.

However, having a decentralized, unregulated, cloud-based IT ecosystem poses new challenges regarding cost management, compliance, and visibility. Monitoring and tracking resource utilization, ensuring compliance, and data security are of paramount importance or mitigating IT and operational risks. To plug this gap, a hybrid cloud management product is required that can effectively manage complex, large, and dynamic cloud environments.

HCL BigFix Cloud Lifecycle Management is a hybrid cloud management product that empowers organizations to optimally govern, provision, monitor, and manage cloud infrastructure. It integrates data exploration and data visualization in an easy-to-use application, enabling effective analysis and actionable insights for IaaS and PaaS resources. The data-driven recommendations and advisories from HCL BigFix Cloud Lifecycle Management ensure that enterprise cloud ecosystems are constantly optimized in areas like automation, efficiency, security, and utilization.



Challenges addressed



Rising Cost

- Cost leakages due to unutilized resources residing in public clouds
- Increased operational overheads due to inconsistent processes and lack of automation in the end-to-end machine provisioning process
- Cost obligations due to non-compliance and lack of policy adherence



Escalating Risks

- Risk of security and data privacy breaches due to incoherent control processes
- Risk of SLA breaches due to non-standardized processes for provisioning, security controls, and performance evaluation
- Opportunity cost linked to long lead time due to delayed development, testing, and release cycles



Diminishing Efficiency

- Low resource efficiency due to non-standardized interfaces for provisioning machines across cloud providers
- Significant effort involved in recurring and repetitive deployment of complex multi-machine environments
- Inordinate delays due to inefficient manual procedures
- High TATs due to multi-stakeholder and multi-level approval mechanisms

Key Features



Self-service catalog-based provisioning and auto-decommissioning

Provisioning of IaaS, PaaS and multi-machine blueprints in a multi-cloud environment, through an intuitive self-service catalog and auto-decommissioning post a defined interval to avoid cost leakages



Enterprise grade security

Ensure security of end-to-end cloud management and orchestration ecosystem through various mechanisms



Dynamic process workflow

Enables automation of generic and custom tasks like installing agents, machine cloning, etc. with support for parallel execution



Role-based access control (RBAC)

Manage user privileges based on their roles, eligibility, and policies



Rich integration ecosystem

Enables integration with industry leading third party tools through REST APIs and CLI



Metering and show-back

Track utilization of resources across BUs, enabling transparency and visibility



Dynamic UI

Flexibility to customize the service request form templates to capture configuration parameters while placing provisioning requests



Script library

Create new or leverage out-of-the-box scripts in process workflows across environments



Compliance reporting

Enables validation, compliance and security of public cloud environment (AWS and Azure) as per HIPAA policies



Policy-driven orchestration

Be in control of your cloud orchestration ecosystem aligned to your organizational policies

Key Benefits



Drive Workload Automation

- Ensures cloud governance with 360-degree visibility of multi-cloud environment from a single pane of glass
- Higher cost savings by standardization and automation of processes
- Optimize virtual asset utilization to avoid cost leakages



Mitigate Risks

- Improve performance, fault tolerance, and compliance of systems and services through proactive advisories
- Shift from manual to automated processes, eliminating manual intervention
- Mitigate security risks based on system-driven suggestions



Optimize Efficiency

- Reduce VM provisioning cycle by up to 85%
- Achieve up to 50% faster deployment of services through automation



Reduced VM readiness cycle from 3 days to 2.5 hours for a Fortune 500 company

Shortened IP assignation process from **6 hours** to less than **10 minutes**. Increased the deployment speed of IT services by **50%**.



Kept the power on for a leading German energy provider

Reduced server provisioning lifecycle from **21 days** to less than **8 hours**. Enabled Firewall request fulfillment within an hour eliminating waiting time of **20 days**.



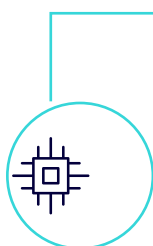
Enabled automated server provisioning for a Fortune 2000 forest industry company

Decreased server provisioning time from **1 day to 2 hours**. Improved VM readiness cycle by **60%**.

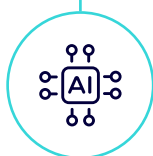
About HCLSoftware AI & Intelligent Operations

HCLSoftware AI & Intelligent Operations is focused on transforming and simplifying enterprise IT and business operations. Our exclusive products and platforms enable enterprises to operate in a leaner, faster, and cost-efficient manner while ensuring superior business outcomes.

Our vision focuses on:



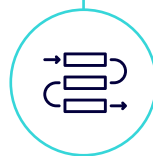
Enabling a Service
Oriented Enterprise



AI-Led Service
Assurance



Driving Enterprise-
Wide Digital Agility



Business Flow
Intelligence

Want to know more?

Visit our **website** or write to us at intelligentoperationsmarketing@hcl-software.com

About HCLSoftware

HCLSoftware is a global leader in software innovation, dedicated to powering the Digital+ Economy. We develop, market, sell, and support transformative solutions across business and industry, intelligent operations, total experience, data and analytics, and cybersecurity. Built on a rich heritage of pioneering spirit and unwavering commitment to customer success, we deliver best-in-class software products that empower organizations to achieve their goals. Our core values of integrity, inclusion, value creation, people centricity, and social responsibility guide everything we do. HCLSoftware serves more than 20,000 organizations, including a majority of the Fortune 100 and almost half of the Fortune 500. **Learn more about how HCLSoftware can help you achieve your goals at <https://www.hcl-software.com/>.**