

DevOps-Driven Cloud Management Drives Business Agility

Micro Focus® Hybrid Cloud Management

Hybrid Cloud Management at a Glance:

- + Heterogeneous, hybrid, and multi-cloud management
- + Container and microservice support
- + Proven, end-to-end enterprise orchestration
- + Integrated application release automation
- + Anything as a service
- + Provides IT with the ability to broker and govern public cloud services



Business teams count on two technology outcomes from their use of cloud and cloud management platforms. You enable business innovation by driving new applications into production. At the same time you constantly look for incremental efficiencies in operating your current service portfolio. Both these cloud-powered outcomes are critical to growing top-line revenue, improving margin, and differentiating your brand. However, both outcomes involve additional complexity for IT operations teams.

IT Operations is a Zero-Sum Game

For every new application or service that must be provisioned and managed, IT operations are expected to find incremental efficiencies that will allow them to do **everything**—in the cloud or on-premises. This must be achieved in many cases with reduced staff and less budget while having zero impact on service quality and no compromise to IT compliance. IT operations is hard work.

Constantly Increasing Requirements

IT operations is expected to adapt fluidly to new technologies, effortlessly adopt new cloud vendors or services chosen by the business, and seamlessly provision and care for all existing application workloads. All this must be done while supporting new applications being introduced with an ever increasing release frequency.

Cloud Next: Hybrid Cloud Management

Micro Focus has created the Hybrid Cloud Management (HCM) suite to address two fundamental requirements of IT operations teams. These requirements are to improve agility, (their ability to respond to business demands) and accelerate operations teams to the speed of their DevOps-driven development teams.

HCM has been designed for organizations that want to employ any cloud, any environment,

and any new technology while accelerating time to market for their application innovations and avoiding vendor lock-in.

HCM enables you to manage hybrid and multi-cloud environments; orchestrate complete, end-to-end IT operations processes; accelerate application delivery; quickly aggregate and broker public cloud services; and offer a simplified self-service catalog. HCM supports the delivery of agile, agile and secure services allowing services allowing IT to embrace microservices, and offer native container support.

The Right Cloud Platform Improves Your Ability to Respond to Just About Anything

An effective cloud management platform will allow teams to work across work across cloud stacks and technology silos, quickly use selected public cloud services, all while avoiding vendor lock-in. The right platform will also provide cloud orchestration, extending your existing automation scope by linking narrowly focused tools to create effective end-to-end process-level automation flows. And the right cloud solution will unlock continuous delivery, turning your application release process into a well-oiled machine.

Lastly, a superior solution will provide a single cloud service portal that will allow users to quickly choose from a selected set of public cloud services as well as offering more complex and complete environments. These hybrid service offerings can build all the way up to 'Anything as a Service' (XaaS) by the use of our included database and middleware automation capabilities.

The Right Capabilities Allow You to Deliver What the Business Needs

HCM delivers DevOps-driven hybrid and multi-cloud management, application release automation, end-to-end orchestration, along with cloud service brokering and governance. HCM



allows you to quickly design, provision, and orchestrate cloud services utilizing cloud analytics, capacity planning, and showback. HCM enables your team to provide anything as a service through platform as a service (PaaS), database as a service (DBaaS), and anything as a service (XaaS) capabilities.

Catalog Aggregation and Brokering

Finally, HCM enables IT to aggregate services from public cloud providers with a few clicks. HCM allows IT to track usage across vendors, control costs and enforce governance policies while ensuring users are selecting from a correct set of approved services.

The Convergence of Clouds and Containers

"More than 85% of enterprise IT organizations will commit to multi-cloud architectures by 2018, driving up the rate and pace of change in IT organizations; a key element enabling

multi-cloud environments will be the rise of containers (by 2019, at least one-third of all public cloud IaaS capacity will be deployed as containers)."¹

HCM Designs and Services Include Containers and Container Lifecycle Management

HCM provides container support for Docker, Marathon/Mesos, and Kubernetes containers and allows application scaling across vendors and cloud environments.

Innovative Container-Based HCM Suite Installation and Upgrade Options

HCM deployment options using containers are designed to help speed installation and solution upgrades while delivering a pre-integrated solution in record time.

¹ IDC FutureScape: Worldwide IT Industry 2017 Predictions, November 2016 (Doc # US41883016)

Powerful Cloud Management Keeps Your Business Options Open

With HCM, you can design, provision, and orchestrate heterogeneous, hybrid, and multi-cloud services, enhancing Ops efficiency while avoiding vendor lock-in. Cloud-agnostic service designs provide “design-once, run anywhere” flexibility along with the ability to include and manage containers and microservices today.

Agility Happens When You Eliminate Manual Work from Your Daily Work

HCM features a proven end-to-end, master-level orchestration engine that is able to automate your operations processes while integrating with and controlling other cloud and management environments. All without the need for extensive third-party integrations (that must be updated constantly) or expensive services contracts to build integrations that you might have received out of the box with HCM.

Accelerate Operations to the Speed of DevOps to Drive Application Innovation

HCM accelerates application delivery with integrated application release automation. Speeding the Ops side of your DevOps initiatives, shortening the time to market for critical application innovations through PaaS, XaaS, while enabling continuous delivery with automated stage gates.

Three Editions Aligned to Three Use Cases

Note: Each edition is additive and includes the capabilities of the underlying editions

HCM Express Edition

USE CASE: CLOUD BROKERING AND GOVERNANCE

The express edition allows IT to easily offer selected public cloud services to users while maintaining visibility and control. New service offerings can be created in just a few clicks. The central catalog provides offerings from multiple cloud vendors while allowing IT needed oversight to track usage, control project costs, overall vendor spend and enforce governance policies. Now IT can provide the right set of selected cloud services on-demand without slowing access for users.

HCM Premium Edition

HYBRID SERVICE DELIVERY AND ORCHESTRATION

The premium edition provides hybrid and multi-cloud management allowing for the unified control of any cloud, any environment, and any technology. This edition features ‘design-once, run-anywhere’ service designs, native support for containers and microservices, and proven, end-to-end orchestration capabilities. All provided without the need for third-party plug-ins or extensive custom-crafted integrations.

HCM Ultimate Edition

USE CASE: ACCELERATING DEVOPS

The ultimate edition adds a functional bridge between Dev and Ops. HCM provides DevOps support for continuous application delivery through the ability to deploy any platform, database, middleware, or application to any environment and any cloud.

HCM Ultimate enables IT to supply all the various infrastructure resources and/or platforms needed by your developers at every stage of application development and at the pace set by their release pipeline. HCM allows developers to subscribe to resources within their development pipeline management and powers delivery along release stages using fully customizable, automated stage gates.

Finally, HCM maintains management visibility across all those resources even as your Dev teams deploy them as code.

You Need an Agile Cloud to Power Your Agile Business

Providing faster, more efficient IT service delivery means you will be able to meet or exceed your business requirements. With Hybrid Cloud Management you can bridge the DevOps divide while allowing your operations team to deliver every service your organization needs at DevOps speeds.

Learn More At
www.microfocus.com/hybridcloud

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