Solution Flyer

opentext™

Multi-Cloud Management Solution Accelerates Hybrid Service Fulfillment

Hybrid Cloud Management X is a unified solution for multi-cloud management, enabling the design, deployment and management of services. HCMX flexibly automates the dynamic fulfillment of a wide range of environments, applications, and platform or infrastructure services from a streamlined catalog, using adaptive, reusable service designs and a master orchestrator.

Hybrid Cloud Management X at a Glance:

- **Deploy Services Faster:**
  End-to-end orchestration engine with 8,000+ OOTB workflows
- **Reduce Manual Work:**
  Adaptive, reusable service designs with advanced graphical UI
- **Run Hybrid Services Anywhere:**
  Designed services run on any cloud with full process automation
- **Pre-Integrated, Containerized Solution:**
  Get working faster with quick installation and painless updates
- **Strengthen Compliance:**
  Context-sensitive guardrails and budget management
- **Cut Cloud Spend:**
  Detailed cloud cost reports and auto-generated recommendations
- **Empower End-Users:**
  Unified self-service catalog for all services
- **Alleviate IT:**
  AI-based virtual agent for end-users

OpenText™ Hybrid Cloud Management X (HCMX) provides a unified solution for enterprise multi-cloud provisioning and management. HCMX enables IT to design and deploy hybrid services that run on any cloud, flexibly automate deployments and IT processes, and bring governance to public cloud spending. HCMX lets one single IT team design and deliver any needed resources from any cloud or datacenter using a streamlined set of catalog services. Flexible designs and automation allows you to maintain a cloud strategy independent of cloud vendor or management tool lock-in.

Cloud Management Is an IT Control Point

Delivering hybrid or multi-cloud services for a large enterprise is complex but critical work. That makes multi-cloud management a technology control point for IT Operations teams that need to deliver faster. Cloud and on-premises resource requests constantly arise from IT, every business unit, and from application development teams. The challenge is how best to help IT transition fulfillment of resource requests from a project basis to an on-demand designed service approach.

Moving Everything to the Cloud Is the Answer—Until It Isn't

Each enterprise is moving workloads to the cloud. Then central IT is asked to explain why cloud spending is exploding across the entire organization.

Significant and unplanned increases in cloud spending occur due to a number of factors. There is a natural tendency to use more of an offering when services are easy to consume (Jevons paradox). In addition, the cost for maintaining cloud-resident datasets, and the difficulty of identifying and shutting down unused cloud resources only add to overspending. In this case, enterprises struggle to balance their ability to streamline public cloud spending across a diverse organization with the need to provide on-demand resources.

Deploying on Private Cloud Can Make IT More Cost Effective

Rising public cloud costs have caused enterprises to repatriate certain applications to private cloud that were previously hosted externally. Those repatriated applications add to the need to architect and automate the delivery of multi-tier systems that combine private cloud control with public cloud scale. Delivery of architected, hybrid systems will require a more complete automation solution to meet business requirements while optimizing IT resource utilization.

Enterprise Cloud Management Requires a Comprehensive Automation Tool Structure

At the same time, organizations discover that cloud management is a broader automation problem than initially believed. The cloud management platform (CMP) is still a core element. However, additional capabilities are required to fully address enterprise multi-cloud delivery and management.

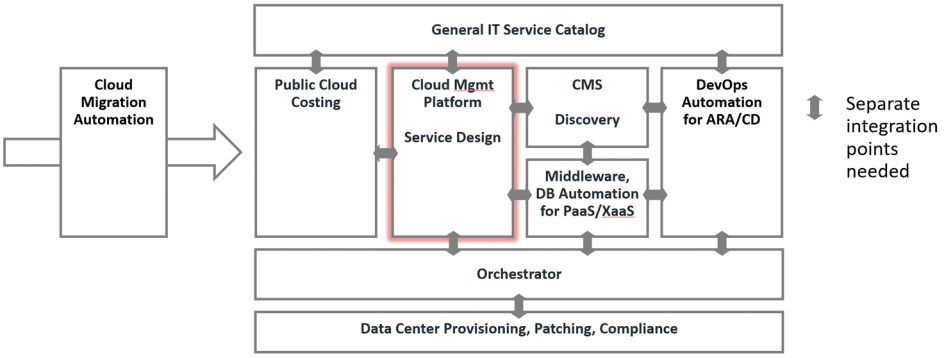

Figure 1. 'Best-of-breed' approach

To deliver consistently, IT needs to design hybrid systems that can run on any cloud. They also need a powerful orchestrator that automates complete actions to completion. A configuration management system with strong discovery tools, including topology, is needed to track IT resources. Middleware and DB automation is needed to deliver full working environments. Developers require the capability to pull resources on-demand—but IT needs visibility to keep them manageable. Finally, IT needs provisioning with compliance, an on-demand service catalog and the ability to automate workload migration to the cloud.

A 'Best-of-Breed' Approach May Not Be Best

To solve this complex automation requirement, many pundits recommend enterprises take a 'best-of- breed' approach as shown in Figure 1:

The enterprise is expected to be responsible for all integration points for these 'best-of-breed' tools in order to build a functional toolset—and then keep them coherent and integrated in spite of constant revisions by each tool. Many organizations have found this approach to be an extremely time-consuming and expensive proposition.

Central IT teams have realized that they can no longer afford the overhead (time, resources, staff) required to manage all these management tools and maintain the integrations between isolated management tools. The broad automation requirement still exists, but the costs of a homegrown 'best-of-breed' solution are too high.

Separate Teams and Management Tools for Public, Private and On-Premise Environments

In practice, the actual situation may be even more complex and costly. Many organizations end up building separate management toolsets (and staff teams) to support each type of computing environment (public-cloud, private-cloud, on-premise). The result is a large number of staff and a number of software tools performing overlapping work. This is a significant cost and duplication of effort that prevents a unified approach to service resource fulfillment.

The Right Cloud Management Should Keep You in Control of Your Cloud Strategy

As organizations mature in cloud management, they reach an economic tipping point where increasing public cloud costs and the staff, time, and resources needed to operate and manage

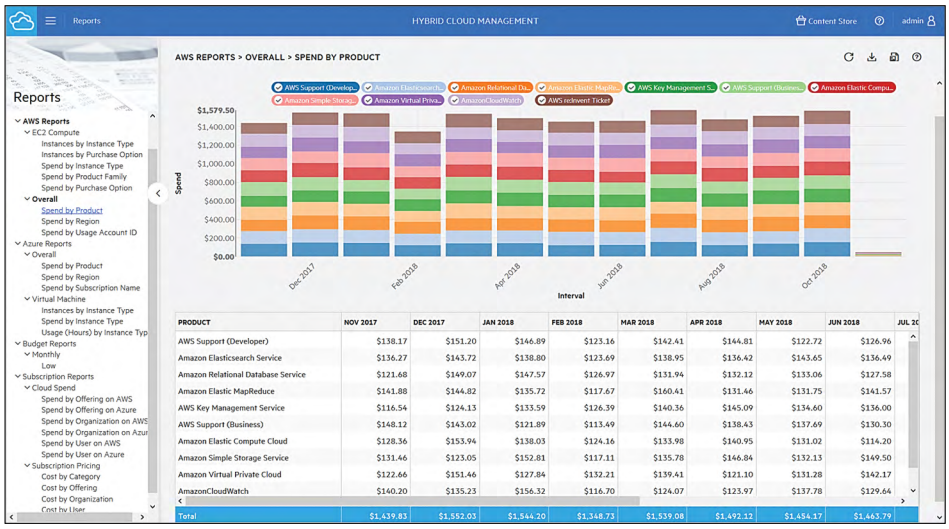

Figure 2. Detailed Cloud Cost Reports

separate environments and toolsets reach a critical point of visibility. The challenge is how to best integrate all required capabilities into one working framework and keep it working. Integration is the key to enterprise cloud management success.

At this juncture, an enterprise may consider a pre-integrated cloud management solution that does not constrain the cloud strategy moving forward.

Hybrid Cloud Management X Is a Complete, Pre-Integrated Automation Solution

Hybrid Cloud Management X is a complete, pre-integrated solution for enterprise multi-cloud management. HCMX enables Central IT to bring governance to public cloud spending, deliver cloud-agnostic architected services, orchestrate complete IT processes, and and provide cloud service consumption guardrails. HCMX is a modern, cloud-native, pre-integrated, containerized multi-cloud management solution.

Optimize Public Cloud Spending with Governance

With HCMX, cloud admins can enable users and business units to easily consume public cloud services from a central catalog—while helping to keep public cloud spending under control. HCMX aggregates and brokers selected public cloud services along with virtual templates in the catalog while offering policy-based governance, analytics, and show-back reporting to ensure business unit consumption is visible and within budget.

Design, Deploy and Manage Hybrid with Adaptive Service Designs

HCMX allows System Architects and Cloud Admins to design, provision, and manage custom-architected hybrid services. HCMX features a resource oversight dashboard into all your deployed services (both simple and designed). The adaptive service designer abstracts definition from building block resources with parameters and options, allowing a streamlined set of catalog items to dynamically fulfill a wide range of resource requests. Hybrid services are created from cloud and/or on-premise resources in addition to including containers, middleware, database elements and applications—allowing you to provide anything as a service (XaaS).

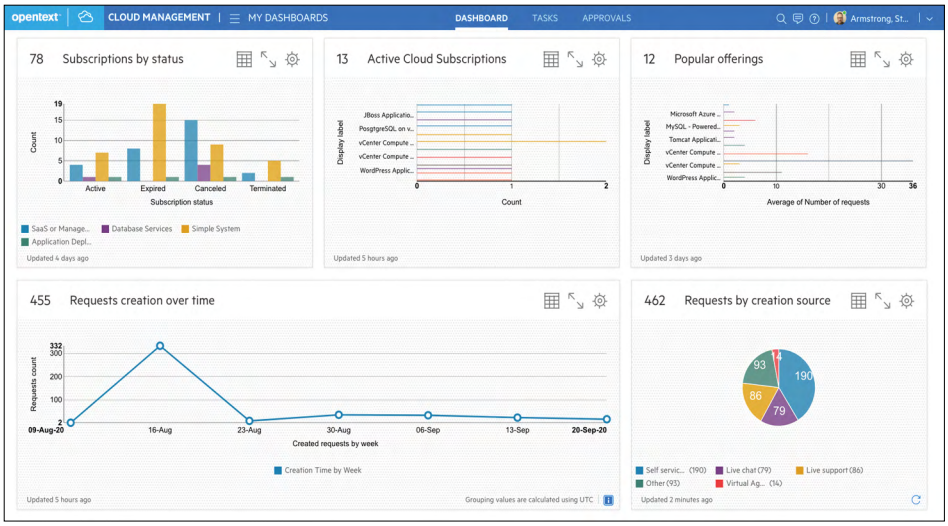

Figure 3. Hybrid IT Deployed Resource Dashboard

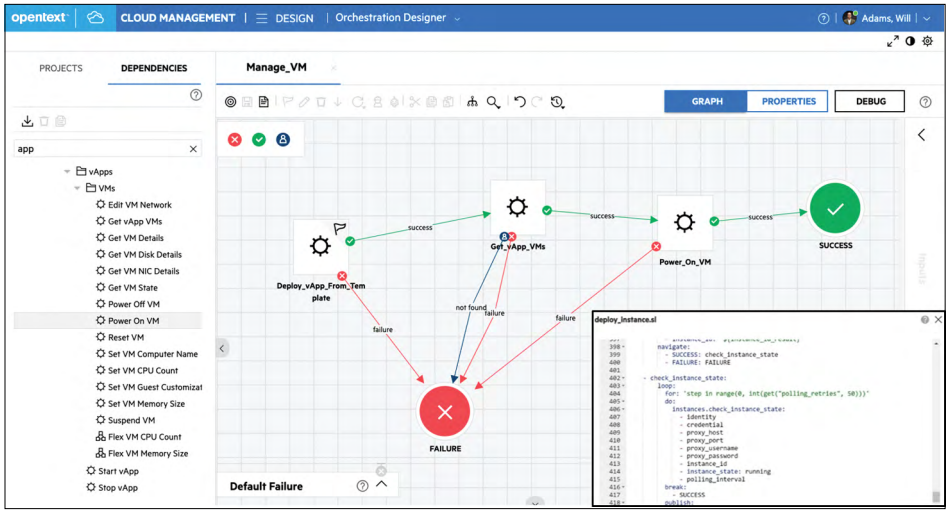

Figure 4. Powerful orchestration engine with the ability to toggle between graphical and textual authoring

Automate Deployments and Day Two Work with a Master Orchestrator

On-demand delivery of hybrid resources requires a solid automation foundation. With HCMX, admins can flexibly automate deployments and Day Two management actions, speeding delivery, minimizing manual effort and improving delivery quality. Our master-level orchestration engine allows for text or UI development, provides automatic failure handling at each step and features REST-based APIs to speed integration setup. In addition, HCMX includes a 8,000+ item content library of orchestration workflow content—saving you time and money automating virtually all repetitive IT actions.

Maintain Control of Your Cloud Strategy with Hybrid Cloud Management X

Hybrid Cloud Management X helps enterprises and service providers design, deliver, and manage complete IT services across hybrid and multi-cloud environments. HCMX includes the breadth of pre-integrated capabilities needed to address enterprise cloud management.

HCMX helps IT:

- Deliver a wide range of services using adaptive service designs
- Flexibly automate deployments and Day Two with a master orchestrator
- Supply 'anything as a service' (XaaS) resources to users
- Optimize public cloud spending with governance

HCMX makes use of a unified, cloud-native containerized deployment that minimizes time to value. Installation is quick and container upgrades and patches involve minimal downtime. New releases typically provide additional functionality and content.

Using Hybrid Cloud Management X, an enterprise is able to maintain control over their cloud strategy by avoiding cloud vendor and management tool lock-in. As a result, central IT is able to provide more cost-effective services, effectively making use of on-premise, private cloud and public cloud resources.

With Hybrid Cloud Management X, OpenText™ offers a complete enterprise solution that allows you to efficiently design, deploy and manage hybrid environments, flexibly automate deployments and IT processes.

Learn more at
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