DevOps for Hybrid Cloud

Application server and middleware platform development/test environments have grown impossibly complex and resource-intensive.

Does it take your organization weeks or months to turn around requests for new pre-production environments of your middleware platforms?

Have you ever been on a critical-situation, Sev 1 system outage conference bridge at 2 AM trying to replicate a configuration-drifted production system error in a triage environment?

Did your recent private cloud implementation result in over-deployment of software licenses and a painful entitlement audit?

If you answered YES to any of the above questions, contact HHG today to learn about how we can help you streamline your IT.

Enterprises have tremendous difficulty managing the developer workstations and test environments that host middleware and Integrated Design Environments (IDEs) for today's service-oriented infrastructure platforms:

• **Developer workstations are resource-constrained for a given IDE (e.g., not enough processing power, memory, etc.).**

• **Many test environments are under-utilized or sit idle, consuming license entitlements and resources.**

• **Patch/fix rollout is extremely complex, error prone and subject to security risk exposure.**

• **Complexity and expense of environment set-up often leads to integration test corner-cutting—especially in multi-product upgrade or migration projects.**

Cloud delivery completely changes the economics of managing test and development environments. Increasingly, enterprises must balance on- and off-premise operational expense, given the tremendous economy of scale from utility-style consumption of compute resources during early stages of SDLC.

Using the IBM Smart Cloud Enterprise (SCE) Plus and IBM Workload Deployer (IWD) platforms, Haddon Hill Group has marshaled years of operational excellence in data center optimization and virtualization to offer test and development environments for application and middleware infrastructure/platform-as-a-utility service—the HHG DevOps for Hybrid Cloud solution.

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This means fully automated Continuous Delivery for WebSphere-centric middleware dev/test environments based on on-premise (IWD/PureSystems-based private) and off-premise (SCE-based hosted private) workload affinity.

The HHG DevOps for Hybrid Cloud solution is built upon best practice-based patterns for complex middleware topology provisioning using your enterprise-specific Standard Operating Environments, ensuring environment consistency and compliance. During our solution implementation, HHG works with your operations image engineers and test experts to architect, build, script, and automate the provisioning of test and dev virtual systems on x86 (ESX and KVM),

System p (PowerVM) and System z (z/VM). DevOps for Hybrid Cloud also virtualizes integration test endpoints for systems that are difficult to include in full integration test harnesses, freeing your developers and test experts from "stubbing" and external system dependencies and making integration regression tests more reliable and automatable.

Such environments historically required months to construct and manage, with untold waste in operational expense. Now, with DevOps for Hybrid Cloud, such complex, dynamic workloads can be provisioned in minutes or hours and switched on or off as needed, resulting in more efficient usage and dramatic improvements in your operational cost model.

Want to Learn More?
Contact Us:

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Live Demos!

www-01.ibm.com/software/websphere/events/impact/

TAP-2177: Elastically Scale Your Enterprise Using IBM DataPower XC-10
Date/Time: Wed, 2/May, 01:30 PM - 02:45 PM
Room: Venetian - Marcello 4403

TSE-2170: Using WebSphere Registry & Repository to Manage DataPower with Templates and Policies
Date/Time: Wed, 2/May, 04:45 PM - 06:00 PM
Room: Venetian - Marcello 4503

IBM SmartCloud Enterprise for Building Complex Cloud Infrastructure
Date/Time: Thu, 3/May, 08:45 AM - 10:00 AM
Room: Venetian - Marcello 4503

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