

# ActiveBatch Extension for ${\sf VMware}^{\mathbb R}$

## Leverage Your Operational Management of Virtual Systems Using VMware with ActiveBatch Production-Ready Job

The ActiveBatch® Extension for VMware leverages the operational management and deployment of virtual systems using VMware with a powerful IT automation solution like ActiveBatch. By utilizing ActiveBatch Enterprise Job Scheduling and Workload Automation, users can automate the provisioning and management of VMware environments to reduce costs, improve resource utilization and ensure virtual resources are automatically allocated to ensure workflows are completed on time.

The ActiveBatch Extension for VMware Job Steps are extensions to the ActiveBatch Jobs Library and allow data center users and developers with the ability to easily provision and maintain virtual systems while integrating them with other applications, databases and platforms inside or outside of the VMware infrastructure.

The ActiveBatch Extension for VMware Job Steps includes support for the complete set of VMware events. VMware events, such as Power Up/Down, Reboot, etc., can trigger

ActiveBatch Plans and/or Jobs to perform a myriad of different tasks.

ActiveBatch also provides "Intelligent Automation" to allow it to automate the provisioning of virtual machines without the need to manually insert VMware job steps within each workflow. Using Scheduling Analytics and the Smart Queue, new VMware instances can be provisioned to ensure the correct amount and combination of VMware machines are available before workflow execution or ondemand to meet an increase in workloads. These capabilities ensure SLAs are being met and deliver cost savings with "just in time" resource provisioning and optimization.

"Scheduling Analytics" to proactively provision virtual resources in advance of workflow execution by combining historical analysis and workload forecasting to ensure adequate resources are reserved for the successful execution of workflows whose completion is critical to addressing policy-based SLAs.

"Smart Queue" to automatically provision virtual resources "on the fly" in realtime to ensure that workflows that are currently executing have adequate resources to successfully complete.

## VMware Version 3 and above ActiveBatch Version 7 and above







The ActiveBatch Job Scheduler offers users a centralized point of control over all of your automation requirements using our versatile drag and drop interface to create and incorporate all workflows using any jobs, plans or job steps from our Integrated Jobs Library with VMware job steps and events.

#### Search Job Steps ▶ SharePoint Queue /OA/PointTests/Sales Demo/Objects/Oueues/localhost ▶ Team Foundation UserAccount /QA/PointTests/Sales\_Demo/Sales Demonstration/TargettedCapabilities/Oracle VMware/Sa. ▶ Teradata 4 VMware ▼ 📝 🐧 PowerOnVirtualMachine Add CD/DVD to ISO Image ServerName **VCenter** Add Network Adapter Credentials Add Virtual Disk /QA/PointTests/Sales\_Demo/Sales Demonstration/TargettedCapabilities/Oracle VM... VirtualMachine \${@Trigger.VMwareEventVirtualMachine} Clone Virtual Machine Create Snapshot Treate Virtual Machine 🔻 📝 🔠 Backup Database (Sql Server) (3) A Delete Virtual Machine ServerName SALESSRV1 Disconnect Host ABAT\_Tradeshow Database Enter Host Maintenance Mode c:\sqlbackup\filename.bak FileName Exit Host Maintenance Mode UserAccount /QA/PointTests/Sales\_Demo/Objects/UserAccounts/DemoUser1 ... 41 Mark Virtual Machine As Templat Migrate Virtual Machine Power Off Virtual Machine R Power On Virtual Machine ▼ 🔽 🚰 PowerOffVirtualMachine VMware 🕄 Reboot Guest OS VCenter Reboot Host ... 41 Credentials /QA/PointTests/Sales\_Demo/Objects/UserAccounts/DemoUser1 Reconfigure Virtual Machine \${@Trigger.VMwareEventVirtualMachine} VirtualMachine Reconnect Host ShutdownGuest Remove Snapshot ShutdownWaitTime Remove Virtual Machine From In 120 Rename Snapshot Rename Virtual Machine Reset Virtual Machine Revert To Snapshot Set Virtual Machine Network Shutdown Guest OS Standby Guest OS Suspend Virtual Machine

### **ActiveBatch Extension for VMware Workflow**

**Partnership:** Advanced Systems Concepts, Inc. is a <u>VMware Partner</u>. ActiveBatch allows VMware users to easily build mixed workloads by coupling them with databases, applications, and advanced technologies for improved business process automation. VMware users who require advanced scheduling capabilities can benefit from ActiveBatch by better managing and controlling workloads and tasks across disparate systems.

About VMware: VMware delivers solutions for business infrastructure virtualization that enable IT organizations to energize businesses of all sizes. With the industry leading virtualization platform - VMware vSphere™ - customers rely on VMware to reduce capital and operating expenses, improve agility, ensure business continuity, strengthen security and go green. With 2008 revenues of \$1.9 billion, more than 150,000 customers and 22,000 partners, VMware is the leader in virtualization which consistently ranks as a top priority among CIOs. VMware is headquartered in Silicon Valley with offices throughout the world. Visit www.vmware.com.

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