Microsoft® System Center Virtual Machine Manager

ActiveBatch®

Reduce Costs, Maximize Resources and Improve Operational Flexibility and Efficiency with ActiveBatch®

Benefits

- Increase IT Service Levels through advanced automation capabilities.

- Meet Service Level Agreements (SLAs).

- Improve Resource Allocation and utilization.

- Lower IT and Operational Costs.

- Improve ability to meet IT and business policy-based goals

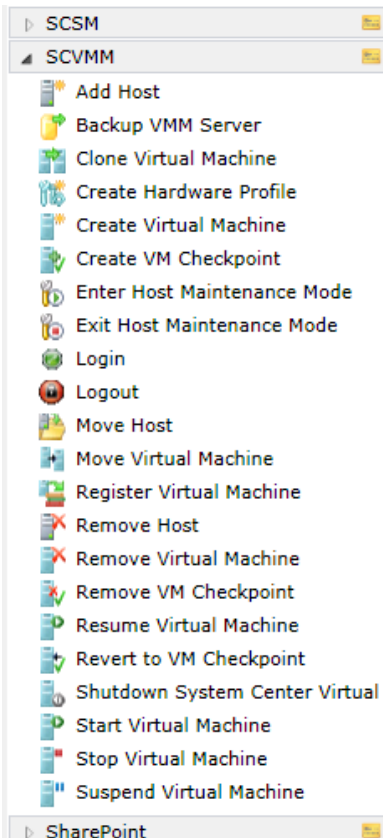**ActiveBatch**: Version 7 and above

Microsoft System Center Virtual Machine Manager: IT Boundaries Identified

With new pressures on IT organizations to improve service delivery and resource utilization, datacenters are increasingly relying on virtual machines to achieve these goals. To address these issues, IT managers are relying on Microsoft's Systems Center Virtual Machine Manager for rapid provisioning of virtual machines by making it possible to quickly create and consolidate machines and servers within a virtual environment.

Automatically Provision and Manage Virtual Machines

The ActiveBatch® Extension for Microsoft Systems Center Virtual Machine Manager 2012 allows IT Operations to create, provision, clone and distribute virtual machines across Hyper-V, VMware and other virtual systems using templated Job Steps from within the ActiveBatch Integrated Jobs Library. By scheduling or using events within ActiveBatch, a systems administrator can automate the provisioning and management of virtual systems, such as whether to add or delete a host or virtual machine, create snapshots and/or checkpoints, clone virtual machines and establish maintenance modes for specific machines.

Just In Time Resource Provisioning and Optimization Via Intelligent Automation

ActiveBatch also provides Intelligent Automation to automate the provisioning of virtual machines without the need to manually insert System Center Virtual Machine Manager Job Steps within each workflow. Using Scheduling Analytics and the Smart Queue, new System Center Virtual Machine Manager instances can be provisioned to ensure the correct amount and combination of System Center Virtual Machine Manager machines are available before workflow execution or on-demand 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: 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: Automatically provision virtual resources on the fly in real-time to ensure that workflows that are currently executing have adequate resources to successfully complete.

ADVANCED SYSTEMS CONCEPTS, INC.

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