Reduce Costs and Increase IT Efficiencies by AUTOMATING THE DATA CENTER

AdvizeX: Your Trusted, Experienced Advisor for Automated Management of the Virtual Data Center

With its vast potential to improve the efficiency and availability of IT resources and reduce capital expenditures, virtualization has become a critical component of today’s IT environment. A simple instruction can easily create a single virtual machine or build an entire virtual infrastructure across multiple geographies that scales across hundreds of interconnected physical computers and storage devices.

However, the benefits of virtualization can only be realized if an organization has the right tools and processes in place. Automation tools allow for heterogeneous management of data center components that reduce effort and lower costs. The cost to manage the virtualized environment can easily get out of hand, offsetting the benefits of virtualization’s promise to lower capital expenditures. As a result, the role of automation is emerging as a “must-have” for managing the virtual data center.

AdvizeX leverages HP Business Service Automation (BSA) solutions that transform normal operational routines by automating the management of clients, servers, network devices, storage, and IT processes across the physical and virtual data center. Automation tools from HP bring together IT silos and reduce complexity, risk, and cost, freeing your IT staff to focus on other business-critical projects.

HP Business Service Automation can help enforce IT policy and lets you track compliance across servers, networks, and applications providing policy-driven information that helps you quickly analyze the status of your data center. Automating manual tasks and deploying common IT processes, HP Business Service Automation Services delivers a strong ROI by providing standard processes driven by tools. Business Service Automation helps organizations to manage the challenges associated with virtualization sprawl while delivering the next round of IT efficiency.

The Benefits of an Integrated Automation

The primary goal of automation tools is to create inherent value through the reduction of manual effort associated with IT tasks. AdvizeX assists our clients to develop an automation strategy that incorporates automation tools to increase worker productivity. Automated data centers yield better utilization of resources by eliminating manual tasks and providing an elastic platform that delivers IT services more quickly and at a lower cost.

Automation is at the heart of the cloud movement. HP CloudSystem offerings incorporate the industry’s most extensible cloud services solution, offering role-based portals, and application and infrastructure provisioning for private, public, and hybrid cloud IT services. The foundation platform, known as Cloud Service Automation, provides advanced provisioning and management of your applications and infrastructure, using proven industry best practice templates, and a flexible architecture with advanced workload optimization. Cloud Service Automation supports heterogeneous environments and all major hypervisor technologies.
Cloud Service Automation Key Benefits
Cloud Service Automation accelerates the delivery of applications and infrastructure, reducing times from months to minutes. It provides freedom from vendor lock-in with support of heterogeneous environments and ensures complete cloud lifecycle management to increase your IT agility, scalability, and elasticity for rapid response to changing business environments.

At the heart of the cloud are orchestration tools. HP Operations Orchestration software automates tasks and processes in the data center using workflows that help IT teams execute change with greater speed, quality, and consistency. It integrates critical management systems while automating standard operations and critical Information Technology Infrastructure Library processes. It also provides an extensive range of out-of-the-box workflows for any data center.

Operations Orchestration Key Benefits
Operations Orchestration reduces operational costs by automating common tasks and processes, improving service quality, reducing risk and errors during change execution, and improving audit compliance with full documentation generation and reporting tools. It integrates with your current IT environment to ensure minimal impact on existing procedures and tools.

HP Server Automation software provides lifecycle management for enterprise servers and automates the deployment of applications. It helps cut costs and reduces risk by automating manual server management tasks such as provisioning, patching, configuration, and compliance management. HP Server Automation software is a proven, scalable solution for managing across physical and virtual servers in a variety of environments and across geographies.

Server and Network Automation Key Benefits
HP Server Automation automates provisioning and patching for substantial savings in time. It helps ensure successful deployment of applications across physical and virtual servers in all geographies. Its up-to-date compliance data enables remediation in minutes, and it can scale to thousands of servers at multiple sites.

HP Network Automation software tracks, regulates, and automates configuration and software changes across globally distributed, multivendor networks to automate network change, configuration, and compliance management. It helps reduce costs and administration time required to manage change and configurations of the network while ensuring compliance through a stable and secure environment.

Network Automation provides real-time network visibility, automation, and control for virtual and physical environments, eliminating time-consuming and error-prone manual tasks by automating change detection, configuration updates, and policy enforcement. It supports virtualization and cloud computing and increases the level of compliance and security through auto-remediation.

Database and Middleware Automation Key Benefits
HP Database and Middleware Automation software automates administrative functions such as provisioning and configuration, compliance, patching, and release management—the most common tasks associated with database and application servers. When performed manually, these day-to-day operations are error-prone, time consuming, and difficult to scale. With the efficiencies of HP Database and Middleware Automation, you can better meet aggressive service level agreements (SLAs) and maintain compliance while you benefit from reduced labor and administration costs.

Database and Middleware Automation aids in compliance maintenance while improving labor utilization to reduce costs. It automates the delivery of complex software environments such as those from Oracle, SAP, and Microsoft to deliver a customized environment configured to specific business requirements.