



Deloitte and HP Data Center Automation

Moving from manual to automated processes to drive value

Enterprise challenges: cost, time to market, security, and compliance

As enterprises continue to grow, so do the challenges associated with data center operations and administration. Medium to large size corporations frequently have islands of multi-vendor servers, storage, and network components in multiple, geographically distributed data centers. These may be managed manually or with disparate, non-uniform software management tools that are not integrated across the enterprise.

To keep up with provisioning an ever-expanding number of devices, organizations face increased labor costs as well as delays in time-to-market when delivering new services. Manual processes can also pose a delay in addressing security alerts and the implementation of updates required to comply with corporate policies. And, without an automated trail of server modifications and software updates, enterprises can face the consequences of non-compliance with regulatory standards such as Sarbanes-Oxley. To overcome the burden of such challenges, enterprises across many industries can benefit from an automated solution for the provisioning of server, storage, and network devices.

The Deloitte and HP approach: automating the process

Deloitte and HP have teamed to help organizations in their efforts to achieve significant value through Data Center Automation. By combining HP's Business Technology Optimization (BTO) software with Deloitte's advisory consulting services in Technology and Security & Privacy,

we have helped many organizations use data center automation to evolve to an IT infrastructure managed for change and compliance, built on tools and methodologies designed to help automate IT management. Together, Deloitte and HP help organizations in their efforts to reduce costs and risk, with improved performance and responsiveness, to significantly improve the business value of their IT.

For our data center automation offering, Deloitte provides services in support of the project management office (PMO), business case value realization, high-level architecture design, and implementation oversight — including processes and people. Leveraging Deloitte's experience, knowledge, and skills across a range of industries, Deloitte's services support the development of key deliverables for Data Center Automation and IT Operations Process Reengineering projects, such as current state assessments, future state designs, and roadmaps on how to bridge the gap.

HP provides HP Data Center Automation Center (DCAC) management software, designed to help technology organizations in their efforts to automate the management of many parts of the IT infrastructure, including servers, network devices, and other assets. Specifically designed to meet the needs of large, heterogeneous, geographically distributed environments, HP DCAC software provides a full suite of data center automation applications designed to focus on business outcomes and support organizations in their efforts to deliver cost efficiency, quality, and compliance in the most complex environments.

Benefit opportunities summary

The combination of Deloitte's data center and infrastructure services with HP Software provides key benefit opportunities for today's growing enterprises, including:

- **Cost Reduction:** Automating mundane but necessary day-to-day operation tasks can allow IT organizations to shift funding to strategic initiatives, freeing up staff to spend more time delivering new applications that can enhance competitive advantage. When time to market for new services is decreased, new revenue streams can be turned on in a timelier manner, and labor effort/costs to provision and update the infrastructure can be reduced.
- **Compliance Automation:** Automating responses to Sarbanes-Oxley audits and similar regulatory requirements, and providing out-of-the-box compliance reports, supports organizations in their efforts to achieve total compliance, with reduced time and expense.
- **Task Automation:** Automating operations and administrative tasks can help IT organizations reduce human effort from manual processes, which can improve the stability, availability, and security of systems/services. This can support organizations in their efforts to reduce downtime, which ultimately can result in a decrease in the number and elapsed time of revenue stream interruptions as well as costly interruption recovery activities.
- **Effective Practice Implementation:** Allowing technology organizations to automate effective practices for change and configuration management can support organizations in their efforts to improve IT efficiency and effectiveness and to increase network, server, and application availability.

Deloitte and HP: Innovative Solutions Converge

Deloitte and HP have been teaming for more than 10 years to help our joint clients in their efforts to address their most demanding requirements. With a keen eye on value creation and business imperatives, Deloitte and HP provide IT infrastructure, technology integration, and business process consulting for enterprises around the globe. Our alliance offerings combine the depth and breadth of HP's technology and services portfolio with world-class methodologies from Deloitte.

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