



Helping transform complex IT environments into efficient engines for business

Introducing the Deloitte Secure Configuration Automation Solution

The world of IT is becoming increasingly complex — more servers, more data, and ever-increasing workloads. Taming this complexity and keeping IT budgets under control can be accomplished by automating your data center.

The Deloitte Secure Configuration Automation Solution leverages Deloitte’s deep experience and insights about IT transformation and data center automation to help you cut costs, improve security and compliance, and increase visibility into your IT infrastructure. We will help you turn automation into a strategic advantage that will make your data center a more valuable resource to your business.



Figure 1. Key potential benefits of the Deloitte Secure Configuration Automation Solution.

Know your starting point and your future objectives

Automation is most effective when it starts with an accurate assessment of existing conditions and a practical vision for the future. Deloitte’s consulting professionals can help you understand what is already working in your organization and what processes, techniques, and guidelines can be optimized through data center automation.

As a leader in IT Transformation, we bring valuable insights about how to create value through data center automation. Our cyber-risk professionals also bring deep knowledge about designing security policies and interpreting as well as interpreting them to help you reduce security risks through cost-effective and practical implementation methods.

We will assess your current environment to identify risks and opportunities for greater efficiency, and then We will work with you to define a future vision for how automation can transform your data center.

Create a set of standardized configurations to help achieve operational efficiency

Putting security policies and guidelines into practice requires a deep understanding of both cyber risks and IT business process transformation. Deloitte has helped hundreds of large enterprises transform their IT operations and implement standardized configurations to achieve greater operational efficiency.

While standardization can make IT operations much more efficient, putting the wrong standardized configurations into practice can make it hard to achieve global consistency. If some of your data centers or user organizations require modifications to the standard configurations, your goal of more efficient IT operations may remain elusive.

Our experienced professionals can help you define a set of secure configuration builds that can meet your global requirements and offer cost-effective provisioning, maintainable security, and easy deprovisioning. All of your data centers can be better able to adapt to changing business needs, while preserving security and compliance.

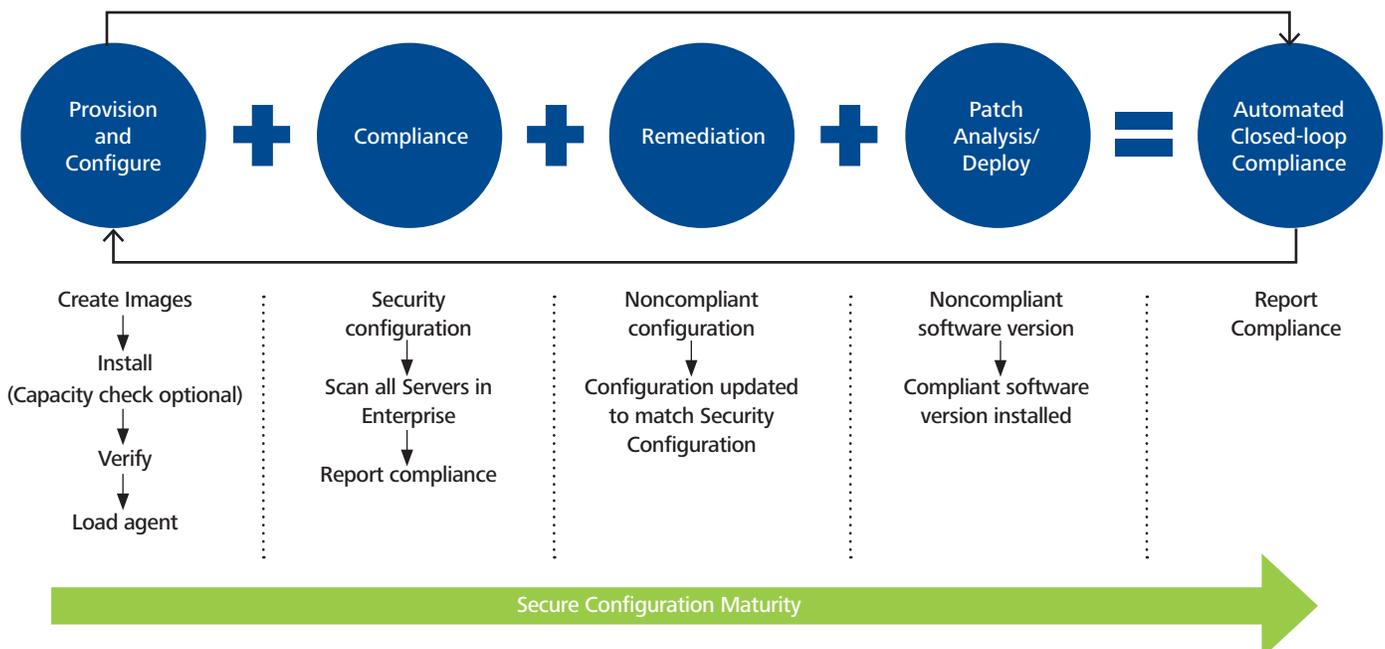
Manage and provision IT assets effectively

In addition to making sure that all server assets are securely configured, it is important to know which assets are active and who owns responsibility for them. Our approach uses IT automation to provision only known approved configurations and includes a process for discovering and tracking the state of each asset in your infrastructure.

The Deloitte Secure Configuration Automation Solution includes policy-driven, rules-based automation for maintaining server configurations and monitoring for continuous configuration compliance. You can regularly scan your entire IT infrastructure and automatically create trouble tickets for any exceptions that you find.

Mature and integrate automated solutions

The ultimate goal of a compliance initiative is to have it become self-maintaining whereby your processes provide real-time feedback about compliance deficiencies and remediation is automatically initiated. At Deloitte, we know how to leverage technology to automate configuration management processes and maintain your IT environment according to leading practices that enable you to stay on top of your security and compliance requirements.



IT automation tools can help you dramatically improve efficiency in provisioning and deprovisioning standard builds, as well as securely managing configuration change. However, a more holistic approach must also look at compliance from an operational perspective by considering how service management disciplines, such as change and incident management, or availability management are impacting compliance. At Deloitte, our approach spans a broad range of IT service management disciplines and embeds leading practices into functions that have traditionally been separated within the IT organization. We'll help you build closed-loop compliance into your business processes for IT system administration, daily operational procedures, and enforcement of security controls.

We also bring deep experience in managing organizational change so we can help you assess the impact of your organizational structure on security and compliance. In some cases, it can make sense to combine configuration management and change management processes into an integrated organizational function that supports all of your management, operations, and security requirements.

Create visibility for executive-level risk decisions

One of the benefits of IT automation is that more data is available for analysis and insights. Your data can be rolled up into executive level dashboards that offer visibility and control over key metrics, such as high-risk security vulnerabilities and important configuration management exceptions. Our experience in IT transformation projects gives Deloitte professionals the insight to identify the metrics that matter for your desired business outcomes. We can help you define reports and dashboards that offer quick insight into these metrics.

Choose from Deloitte services that span the life cycle

Whether it's working with your in-house team or managing your infrastructure on a subscription basis, we can structure our IT services to match your business needs at virtually every point in the IT services life cycle. We deliver a broad scope of IT transformation services from policy interpretation through system architecture design and implementation. We can also monitor and manage your infrastructure on a subscription basis in which you are billed for each server under a service management contract with Deloitte.

Deloitte solution enablers for BMC Software

Deloitte has invested in a rich set of operational enablers that can enhance the value of data center automation initiatives based on technologies from BMC Software. The following solution enablers can result in faster project delivery and can reduce the need for software customization:

- **BMC BladeLogic Server Automation** — Leading practices for IT processes, such as automating server configuration provisioning and patch analysis and implementation, have been codified into BMC BladeLogic templates to speed time to deployment, enhance efficiency, and reduce security risks.
- **Operations Support Center** — Deloitte's operations support center is staffed with dedicated specialized staff for supporting enterprise operations, including software-as-a-service (SaaS) implementations.
- **Service Catalog** — Deloitte has developed a consistent and measurable set of engineering and sustainment capabilities that are used by SaaS community stakeholders.
- **Utility Pricing** — A SaaS model allows utility pricing linked to service performance levels.
- **Transition Framework** — Deloitte's transition framework provides the project management, governance, and engineering and operations support to help organizations in their efforts to adopt an enterprise-level automated continuous security compliance capability.

Learn more

To learn more about how Deloitte can help you tackle data center complexity and realize more value from your IT automation initiative, please contact a Deloitte team member listed below.

Timothy J. Schmieding

Director, National IT Service
Management Capability Lead
Deloitte Consulting LLP
tschmieding@deloitte.com
+1 303 294 4232

Mark Masone

Senior Manager
Deloitte & Touche LLP
mmasone@deloitte.com
+1 571 882 5071

Jo Gallagher

Specialist Leader
Deloitte Consulting LLP
jogallagher@deloitte.com
+1 312 486 4014

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