



HPE Automation Services

Server Automation Foundation

Executive summary

Analyst research suggests that 70 percent of IT resources are spent on ongoing and routine IT operations. At the same time, we see a continued increase in virtualization and sustained interest and adoption of cloud-based delivery. IT is still required to operate heterogeneous elements in the datacenter; coupled with higher demand for agility from the lines of business and continuing pressure to lower cost and risk, IT is under pressure to transform and optimize their operations and delivery of services. By automating and orchestrating operations in their data centers, IT can significantly improve the time to market and value for the business, increase agility and operational efficiency, and reduce costs. Moreover, automation is at the core of cloud service delivery. With it, IT can set itself on a solid foundation for cloud adoption. The ability to offer services that are provisioned, end-to-end, with the click of a button, relies on seamless task automation and workflow orchestration. This makes automation a necessary stepping stone into the cloud.

Services overview

Hewlett Packard Enterprise (HPE) Automation Services are a suite of offerings designed to enable customers to successfully adopt automation and orchestration within their data centers. We can help you automate tasks to replace mundane and routine operations such as provisioning, configuration, patching, and IT compliance across heterogeneous physical and virtual servers, networks, databases, and middleware elements. We can help you automate process workflows to orchestrate across infrastructure, platform, and applications, while leveraging existing investments in your environment.

These services will help you realize benefits such as:

- Reduce provisioning time from days to minutes
- Manage an increasing fleet of servers with fewer resources
- Save money and increase user satisfaction by reducing time-to-repair

HPE Automation Services are flexible and progressive. We believe you need to “walk before you can run,” and we aim to deliver maximum value by driving focused, outcome-oriented implementations.

HPE Automation Services set you on your journey with a suite of foundation offerings. These offerings are rapid implementations focused on getting the automation technology platform established and implementing basic capabilities such as simple server patching or compliance scanning. We then progress to a set of advanced services which extend your capabilities into new areas or implement more sophisticated use-cases, such as integrating orchestrated flows into your IT service request portal.

Benefits

- Drive agility, consistency, and efficiency in IT operations by automating tasks and orchestrating processes—avoiding manual handoffs and human errors—reducing cost, saving time, and improving quality
- Better manage risks and IT compliance by setting and enforcing standards with provisioning and patching of IT infrastructure, platform, and applications

- Lower operations costs by automating mundane and routine tasks and process workflows
- Timely and accurate assessment, reporting, and remediation of IT compliance using set policies, which helps avoid failing the internal and regulatory audits
- Solutions that leverage existing investments and operate heterogeneous physical and virtual servers, networks, storage, operating systems, databases, and middleware platforms
- Robust integration with HPE and non-HPE tools
- Consolidate multiple point tools and thousands of scripts into easy to use process automation flows

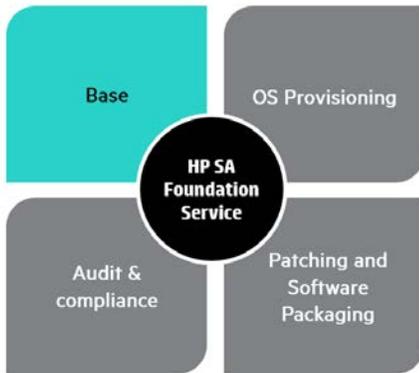
HPE Server Automation Foundation

This service introduces HPE Server Automation into your environment and implements foundational capabilities, allowing you to start reaping benefits early while still having the assurance that your deployment will be able to support your future expansion needs.

This service helps enable you to acquire the skills needed to begin using HPE Server Automation effectively. We achieve this by leveraging the standard, out-of-the-box content and features, and applying basic tailoring to adapt them to your specific needs, all in the context of your working procedures.

This service is modular, allowing you to choose where you want to begin and what capabilities you wish to adopt.

Service brief



Base module

This module is required and included with any optional module you select. In this module, we focus primarily on the architecture design and deployment of HPE Server Automation. We also work with you to understand your immediate and longer-term objectives, and help you develop a roadmap for the future

OS provisioning

This module deals with setting up HPE Server Automation so that you can use it to automate server provisioning. We use the out-of-the-box build plan and tailor it to allow you to automate the deployment of bare metal or virtual servers with either Microsoft Windows or RedHat Linux.

Patching and software packaging

This module covers the acquisition, deployment, and compliance reporting for patches; the packaging of your software media and installation scripts into a software distribution package; and the deployment of the package onto the target servers. We also guide you with recommended strategies for patching.

Audit and compliance

This module utilizes one of the many compliance scans published by HPE. We adjust the scanning rules to match your requirements, and then proceed to run the scan onto the target servers and determine their compliance using the compliance reporting capabilities of HPE Server Automation.

After HPE Server Automation has been deployed into your environment, you will be able to:

- Measure server compliance against a standard audit policy
- Reduce operational costs and improve quality by automating consistent server build and patching procedures
- Reduce costs and conform with security requirements by providing a single location to collect, run, and track script execution across multiple servers

- Proven cloud and automation solution implementation expertise.
- More than 20 years of experience helping large, complex, global organizations realize value from their HPE Software investments.
- Rich intellectual property and unparalleled reach into product engineering
- Technology-agnostic implementation approach with no vendor lock-in, no rip-and-replace
- Education and support services to ensure adoption

Only HPE Software Services brings together consulting expertise and the industry-leading IT Performance Suite software to help you perform better.

For more information

Contact your HPE representative or email [HPE Software Services](#) in your region:

HPE Software gives you the power to gain connected intelligence for the new style of enterprise IT—anytime, anywhere, quickly and securely.

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The HPE Software Services difference

HPE provides unmatched capabilities with a comprehensive set of cloud and automation consulting services and unique intellectual property that help you automate and optimize your data center operations and set a solid foundation for your cloud journey.

- **Fast time-to-value:** We help you rapidly realize business value by leveraging our deep expertise in HPE's automation solutions and using our structured and focused implementation approach.
- **Flexibility:** A modular and progressive solution set to meet your current and future needs enables you to implement now, knowing that your investment is protected with a path for future expansion.



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