

Data Center Automation Services: Server Automation Foundation

As things stand today, most IT resources—whether time, money, or people—are locked into simply keeping the lights on. This continual reactive state prevents IT from investing in the development of new ideas and adopting new technologies faster.

Introduction

Manual handling, cumbersome operational processes, functional silos, and a disjointed collection of point automation tools hamstring IT's ability to respond to what the business is asking of it. When IT is slow, the business misses opportunities and executives start looking for alternatives—now broadly available due to the rise of cloud services providers. This trend, known as “shadow” or “rogue” IT, is wrenching control from IT, exposing the enterprise to governance and integration challenges that only complicate an already complex situation.

IT needs to find a way to remain the preferred provider to the lines of business by:

- Automating its way to an Orchestrated Datacenter
- Reclaiming resources, time, and money, and redirecting them toward innovation

Overview

Micro Focus® Data Center 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

Data Center 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. Data Center 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

Key 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 Micro Focus and non-Micro Focus tools
- Consolidate multiple point tools and thousands of scripts into easy to use process automation flows

your capabilities into new areas or implement more sophisticated use-cases, such as integrating orchestrated flows into your IT service request portal.

Key Features

This service introduces Micro Focus 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 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.

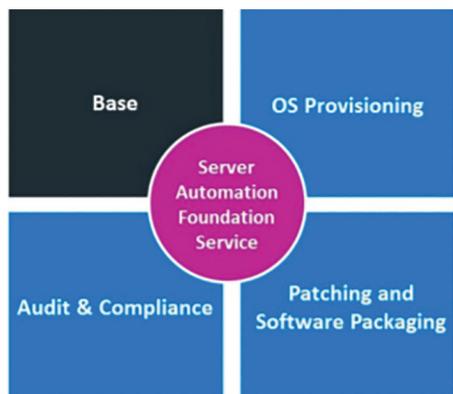


Figure 1. Server Automation Foundation Service

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 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 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 Micro Focus. 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 Server Automation.

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After 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

The Micro Focus Professional Services Difference

Micro Focus provides unmatched capabilities with a comprehensive set of consulting and implementation services and unique intellectual property that help you drive innovation through streamlined and efficient software delivery.

- Proven Micro Focus solution implementation expertise
- More than 20 years of experience helping large, complex, global organizations realize value from their Micro Focus investments

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- 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

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