MICRO FOCUS®

Data Center Automation Foundation Service

Reclaim resources, time, and money—and redirect them toward innovation.

Executive Summary

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. 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 service 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 data center
- Reclaiming resources, time, and money, and redirecting them toward innovation

Micro Focus Data Center Automation Foundation Service from Micro Focus Professional Services helps you take the first step towards these goals.

The Orchestrated Data Center

Where IT can unlock its potential is in the data center. The modern data center is more than just racks of servers, storage arrays, and network cables. It's the hub of IT operations and it now spans your own premises as well as cloud and service providers. Orchestrating IT operations across this hybrid landscape will enable timely delivery of infrastructure and application services to the business with consistency, compliance, and security. With the efficiencies of an orchestrated datacenter, IT can quickly adopt new technologies, streamline service delivery, and remediate issues. With automation and orchestration, functional silos can be bridged so that all teams execute their tasks in concert, eliminating inconsistent manual handoffs, reducing risk, and freeing up time and resources to invest in innovation.

Data Center Automation Suite

Micro Focus Data Center Automation (DCA) Suite is a unified, analytics-driven infrastructure management solution that automates tasks, orchestrates IT processes, enforces security and compliance, and optimizes infrastructure utilization. It reduces the cost of IT operations and accelerates risk-free infrastructure service delivery. DCA provides lifecycle management across heterogeneous virtual and physical servers and database and middleware applications in the most diverse IT environments including provisioning, patching, compliance audit, and remediation. An extensible orchestration engine standardizes operations, while near real time analytics optimizes capacity and performance. With a modern microservices architecture and container-based deployment, it scales on demand.

Key Capabilities

- Automate manual, repetitive tasks for provisioning and patching
- Integrate data center processes with open API orchestration engine
- Integrate and automate compliance audits across the data center
- Remediate non-compliant devices automatically with the push of a button or as a scheduled change
- Manage VM sprawl by reclaiming wastage
- Forecast capacity needs

- Access high-value, out-of-the-box content

Data Center Automation Foundation

Professional Services has designed the DCA Foundation Service with a single purpose in mind: to help you get on the right track with DCA Suite so you can start reaping benefits early.

This is a modular, fixed-scope, fixed-price service that focuses on knowledge transfer and rapid value delivery via out-of-the-box automation capabilities. It provides product deployment into noncritical environments and lays the foundation for more advanced capabilities and footprint expansion. It includes hands-on mentoring to show you how to best use and configure with DCA Suite to make the most out of it.

DCA Foundation Service covers three major use cases:

- Provisioning and configuration
- Patching, compliance, and remediation
- Infrastructure optimization

Base

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 DCA Suite. We also work with you to understand your immediate and longer-term objectives, and help you develop a plan for the future.

Provisioning and Configuration

SERVER PROVISIONING
In this module, 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.

DATABASE PROVISIONING

This module uses the built in policies—which we configure and deploy—to automate provisioning of a database or a middleware application.

Patching, Compliance and Remediation

SERVER PATCHING

This module automates the acquisition of a Microsoft Windows or RedHat Linux patch policy and its deployment onto the target servers.

SERVER COMPLIANCE

In this module, we load the provided compliance policies, configure one that you select, deploy it to scan the target servers, and provide you with a compliance report at the end of the run.

DATABASE/MIDDLEWARE PATCHING

This module helps you automate the deployment of vendor patches onto a database or a middleware application.

DATABASE/MIDDLEWARE COMPLIANCE

In this module, configure a database or a middleware application compliance policy, deploy it to scan the target servers, and provide you with a compliance report at the end of the run.

Infrastructure Optimization

VM CAPACITY MANAGEMENT

In this module, we deploy the Micro Focus Cloud Optimizer appliance, integrate it with Micro Focus Cloud Service Automation, configure a hypervisor data source and setup the dashboard that shows you how your VMs are being utilized.

Beyond the Foundation Service: Micro Focus Automation as a Service

Micro Focus Automation as-a-service from Professional Services provides you with automation and orchestration at an enterprise scale delivered in a flexible, consumption-based subscription model. We:

- Deploy and host the technology
- Establish an automation factory
- Manage both technology and automation content on an ongoing basis

Your mission is to deliver the services your customers need. This means that you need to engage your customers and spend time with them to understand what they need, what the demand is, and what you need to do to meet it. What you don't need is to become a product expert overnight or spend precious resources in deploying and managing technology. Engaging Professional Services lets you leverage our experience and expertise so that you can focus on your core mission and deliver the services your customers want and need.

Benefits

Accelerate Service Delivery

Automation is all about speed and agility. Instead of continuing to rely on manual execution of requests and processes, automation lets you use technology rather than people to accelerate the outcome.

Reduce IT Costs, Increase IT Value

Your most expensive resource is your people. But unlike technology, they don't have unlimited bandwidth, and there is only so much any individual can do. So when your workload increases, the only solution is to add more people—i.e. more cost. By automating, you break this dependency and free your people to do what people do best— innovate. You reduce your costs and get more value from your staff.

Increase Efficiency and Productivity

While not everything can be automated, IT staff tend to get overburdened with administrative tasks and never get to execute those tasks that can only be manually driven. Automation relieves this burden from your staff, allowing them to increase their productivity and efficiency.

Improve Customer Satisfaction

When you can execute faster, cheaper, and better, your customers are happier. It is as simple as that.
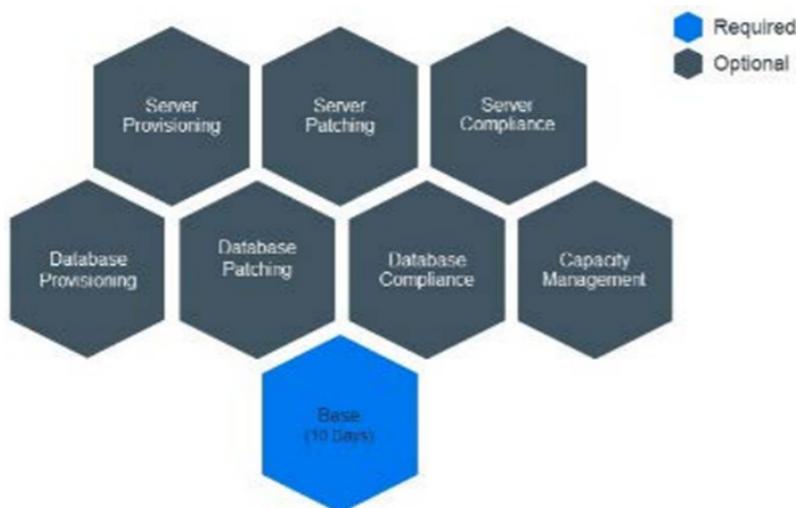

Figure 1. Data Center Automation Foundation

"[We] have fully orchestrated and automated [disaster] recovery. We are a real-life example of how one can use…software, integrate them, and deliver real business outcomes."

KAUSHIK RAY
VP Global Operations and Architecture
Sungard AS

Contact us at:
www.microfocus.com

The Professional Services Difference

Micro Focus 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 Micro Focus's cloud and automation solutions and our structured, 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

- Proven cloud and automation solution implementation track record with more than 20 years of experience

helping large, complex, global organizations realize value from their Micro Focus 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 Professional Services brings together consulting expertise and the industry-leading software to help you perform better.

For More Information

Contact your Micro Focus representative or email Micro Focus Professional Services in your region.

Learn More At
www.microfocus.com/csaservices

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