

Automated Provisioning, Patching, and Compliance

Micro Focus® Data Center Automation (DCA) automates provisioning, patching, and compliance across multivendor physical and virtual servers, databases, and middleware for enterprise-scale deployments.

DCA at a Glance:

- One place for Enterprise Compliance:**

Detect, visualize, and remediate compliance and vulnerability risks across the infrastructure stack. Manage by policies and Service Level Objectives.

- Enterprise-standard Provisioning and Configuration:**

Provision OS on bare metal and virtual machines. Deploy and configure database and middleware instances, supporting upgrades, migrations, and code releases.

- Multivendor Support and Integration:**

Integrate provisioning, patching, compliance, and remediation across a heterogeneous data center, tapping into the broadest range of out-of-the-box content for multivendor infrastructure.

The Challenge

Faced with more and more demands for faster service, modern IT struggles to scale and meet business needs. A proliferation of tools and processes adds further complexity, intensifying regulatory compliance and ongoing security risks. Together, it all leads to unwelcome consequences: high-stakes vulnerability and security exposure, inefficient IT, and slow infrastructure service delivery.

The Solution: DCA

Fortunately, DCA provides a powerful solution, empowering IT with automation across bare metal, virtual machines, server OS, databases, and middleware. Here's how:

Policy-based regulatory and patching compliance—Manage compliance and Critical Vulnerability Exposure (CVE) risks for server OS, databases, and middleware in a single UI.

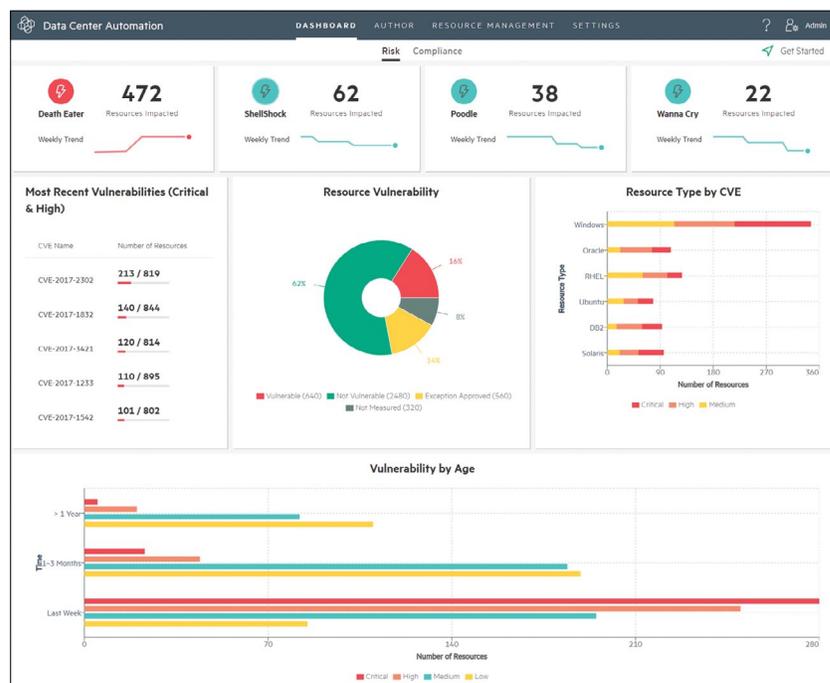


Figure 1. Risk dashboard

“We have to reduce costs and find a solution with scalability. You support every technology and this is very important for us. We have a huge range of devices and operating systems. We launched 100,000 flows in our environment for reports, provisioning, remediation, and patching. Your solutions are very complete.”

ALBERTO DE LA MORENA SANZ

Automation Consultant
Telefónica

Contact us at:
www.microfocus.com

Customize policies on what to scan, when to scan, and how to remediate.

- Remediate immediately or schedule remediation according to defined maintenance windows and Service Level Objectives.
- Use out-of-the-box compliance content. DCA comes with compliance benchmarks (e.g., CIS, PCI DSS, SOX, FISMA, HIPAA, ISO 27001, and DISA), compliant deployment templates, patch bundles, and remediation actions.
- With built-in exception management, set-up and manage exceptions all in DCA.

One view into enterprise compliance—See compliance and patch status across the infrastructure stack. Drill-down dashboards show compliance level by severity, efficiency of the remediation process (e.g., how long it took to remediate), latest critical and high CVE threats, resources impacted, and age of vulnerabilities.

Enterprise-standard provisioning and configuration—Standardize provisioning and configuration at build time, using customizable provisioning templates and automation workflows.

- Enable comprehensive deployment for databases and middleware, supporting discovery, code releases, updates, and migrations.
- Simplify Docker-based Kubernetes clusters provisioning. Templates reduce the complexity and time required to configure container infrastructure.

- Get proven scalability. DCA manages more than 150,000 servers and more than 20,000 database instances.

Multivendor support and integration—Integrate provisioning, patching, compliance, and remediation in a heterogeneous data center.

- Tap into the broadest range of support for multivendor platforms. Includes, but not limited to, Windows, RHEL, SUSE, vSphere, Oracle, SQL Server, MySQL, Db2, Apache, IIS, and JBoss.
- Extend integration to resources deployed by Micro Focus Server Automation and open-source configuration tools. Discover these resources and run DCA operations on them.
- Invoke DCA functions from any application or script with APIs.

Container option for deployment—Deploy DCA on open-source container architecture for easy installation and upgrades. Built on cost-saving Postgres database, container deployment offers high availability and horizontal scaling. The modern architecture comes with shared services that include orchestration, discovery, role and credentials management, and ChatOps.

The Business Value

DCA is all about standardization and simplification. It scales to stand up and secure large and complex data centers. With DCA:

- Manage and visualize regulatory and patching compliance in a single UI.

- Remediate compliance issues immediately, or according to business objectives.
- Rein in heterogeneous platforms with repeatable and efficient deployments.
- Free up time with out-of-the-box content.
- Leverage the infrastructure that’s already in place. Discover and manage resources outside of DCA. Govern consistent policies across the enterprise, while Lines of Business continue to use their tools.
- Deliver quick time-to-value with DCA containerized architecture. Take advantage of the latest technologies and make room for innovation.

Increase security, improve efficiency, accelerate service delivery

Learn More At
www.microfocus.com/dca

DCA supports broad range of multivendor platforms with out-of-the-box content. Choose from provisioning templates, orchestration workflows, compliance benchmarks (e.g., CIS, PCI DSS, SOX, FISMA, HIPAA, ISO 27001, and DISA), patch bundles, and remediation actions for Windows, RHEL, SUSE, vSphere, Oracle, SQL Server, MySQL, Db2, Apache, IIS, and JBoss, and more.