

Simplify your Microsoft Windows environment with automation

“Instead of everyone doing things their own way, if there is something generic that will be useful for all of Siemens like hardening and patching, Ansible runs a playbook that everyone uses.”

Mohamed Ghaleb, Program Manager, Siemens

Achieve consistency across Microsoft Windows environments

Using different tools to automate Active Directory (AD) and Windows—along with other systems, such as Linux®, virtual machines (VMs), and networking devices—can be complicated and inefficient, leading to solution sprawl, workflow bottlenecks, and communication gaps across teams.

With Red Hat® Ansible® Ansible Automation Platform, you can deploy and manage all of these systems efficiently through a single, flexible experience and allow Windows administrators to apply their expertise without speaking Linux.

Automate the entire Windows life cycle and reduce complexity and repetitive, mundane tasks. Bring new services to market faster and improve IT productivity, reliability, and performance. Flexibly maintain multiple operating systems (OSs) and consolidate disparate automation solutions while drawing from the best capabilities of each.

A modern tool for automating and managing Windows

Ansible Automation Platform helps organizations using Microsoft Windows address the issues created by the use of disparate tools.

Manage the Windows life cycle

Using certified and supported Ansible content, you can automate application deployment with consistency on any Windows system. Configure, patch, and manage systems to ensure standardization—even across different environments.

Orchestrate PowerShell scripts

Keep your existing scripts and use Ansible Automation Platform to build automated workflows that connect your scripts with other systems, such as networking components, storage, security applications, and more.

Tackle Active Directory management

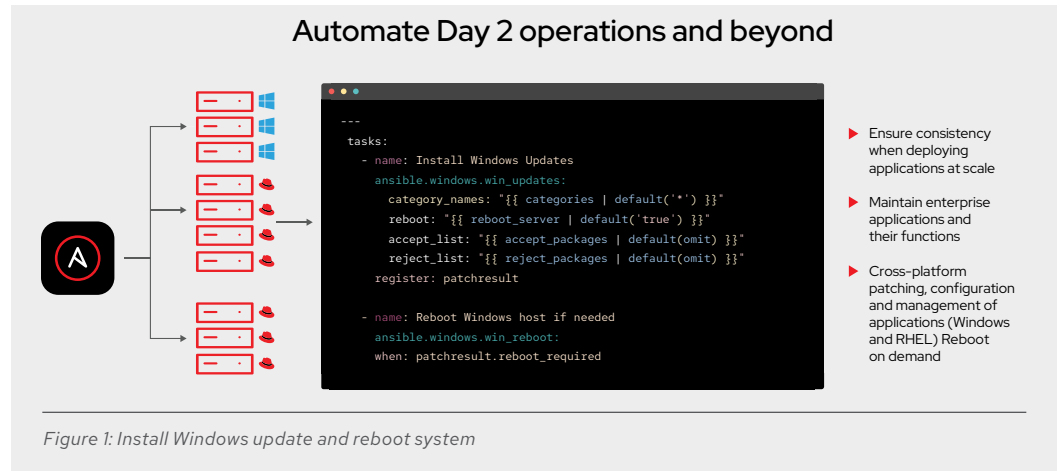
Establish AD as the source of truth for Windows hosts, using Ansible Automation Platform’s lightweight directory access protocol (LDAP) inventory plug-in to help build a dynamic inventory source. Combine this capability with static inventories or use the computer object attributes to create host groupings.

Automate Windows at the edge

Deploy, update, audit, harden, and manage Windows and the applications installed at the edge. Ensure Windows services are running, audit the Windows registry, configure applications, and more—without the need for specialized local support.

Advance into event-driven automation

Event-driven automation is the process of responding automatically to changing conditions in an IT environment. Teams can perform additional root cause analysis and speed up issue remediation, ensuring that IT operations remain smooth.



Automate provisioning, deployment, and configuration management

With Red Hat Ansible Automation Platform, you can:

- ▶ Quickly provision a new VM in Microsoft Azure.
- ▶ Patch and update Windows hosts and automatically reboot Windows servers on demand.
- ▶ Start, stop, and manage Windows services and enable or disable Windows features.
- ▶ Create, configure, and manage AD domains and groups.
- ▶ Install common developer tools, such as Visual Studio or Visual Studio Code, .NET SDK, Java, etc.
- ▶ Configure Internet Information Services (IIS).
- ▶ Customize the Windows registry.

Extend Windows automation with Ansible Automation Platform




Learn more about how Ansible Automation Platform can manage and execute core functions in Windows environments:

- ▶ [Access the 10 ways to automate Microsoft Windows checklist.](#)
- ▶ [Read the Automating Microsoft Windows with Red Hat Ansible Automation Platform overview.](#)
- ▶ [Watch the Event-Driven Ansible and Windows demonstration.](#)
- ▶ [Take the Microsoft Windows automation with Red Hat Ansible Automation Platform training.](#)



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