



# Red Hat IT simplifies network management with Red Hat Ansible Automation Platform

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## Software

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Red Hat® Ansible®  
Automation Platform

Red Hat's IT organization develops and maintains information, application, and security systems for more than 20,000 global associates.

### Challenge

- ▶ Simplify processes for network resources decommissioning, legacy system patching, and email list setup.
- ▶ Reduce risk of human error in access control list (ACL) validation and configuration.
- ▶ Improve maintenance of consistent package inventory across Red Hat Satellite 6 instances.
- ▶ Simplify management of development and production environments across more than 50,000 Red Hat product clusters.
- ▶ Standardize deployment to improve security of complex cloud-based services.

### Solution

Red Hat's IT team used [automation controller](#), part of Red Hat Ansible Automation Platform, to automate on-call handler implementation, alerts, and notifications. This control plane includes role-based access control (RBAC) and continuous integration and continuous delivery (CI/CD) to help teams scale with more efficiency and flexibility. After initial deployment, Ansible Automation Platform was extended to multiple sites and additional workloads.

### Benefits

- ▶ Saved 150 hours per month by automating end-to-end legacy server decommissioning and cloud services management and security.
- ▶ Saved more than 14,000 hours annually by automating email list management and product cluster creation and management.
- ▶ Reduced legacy system patching process time from 10 days to 6 hours.
- ▶ Automated 30% of system on-call alerts, improving application uptime.
- ▶ Reduced risk by automating 400 ACL validations per month, as well as package repository management and cloud provisioning.
- ▶ Introduced automation controller service and team-based access policy.

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