Connect

La scalabilità infinita promessa dal Cloud solo grazie all'Automazione con Ansible

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Many organizations share the same challenge

- Differing skills, roles, and responsibilities
  - Devs/DevOps
  - IT ops
  - SecOps
  - Line of business
  - Network ops

- Growing number of use cases

- Multiple platforms and locations

- Across multiple domains
  - Physical: Compute, Network, Storage, Security
  - Virtual
  - Cloud
  - Edge

Governance
The solution? Break down the silos.
Connect

Why Red Hat® Ansible® Automation Platform?
Ansible is the **de facto** automation language.

- **Simple**: Human-readable language with quick adoption
- **Powerful**: Universal language spanning multiple IT domains
- **Agentless**: Easily integrate with hybrid environments
Supported and certified content you can trust.

130+
Certified Content Collections

55+
Certified technology partners
What is Red Hat® Ansible® Automation Platform?
A platform for the entire automation team.

**Architecture**
- Flexible container-native architecture
- Real-time analytics and reporting
- Scale globally with distributed execution across regions

**Content creation**
- Content creation tooling
- Portable distribution and reliable execution
- Large ecosystem of certified automation

**Operations**
- Enterprise features: WebUI, API, role-based access control (RBAC), auditing and workflows for managing at scale
- Hosted and private content management solutions
- Integrates with your environment
The capabilities you need across your IT footprint.

- Applications
  - DevOps
  - CI/CD
  - GitOps
- Network
  - Configuration management
  - Infrastructure awareness
  - Network validation
- Cloud
  - Orchestration
  - Operationalisation
  - Governance
- Security
  - Investigation enrichment
  - Threat hunting
  - Incident response
- Infrastructure
  - Deployment
  - Provisioning
  - Management
- Edge
  - Extend security
  - Scalability
  - Interoperability
Enabling your automation team to consistently...

Create
Manage
Scale
Connect

Use cases
Ansible security automation. **Response and remediation.**

**Investigation enrichment**
Enabling programmatic access to log configurations such as destination, verbosity, etc.

**Threat hunting**
 Automating alerts, correlation searches, and signature manipulation.

**Incident response**
Creating new security policies to whitelist, blacklist, or quarantine a machine.
Ansible network automation. **Next-gen network operations.**

- **Configuration accuracy**
  - Config backup and restore
  - Scoped configuration management

- **Operational state management**
  - Dynamic documentation
  - Automated NetOps

- **Compliance and traceability**
  - Operational state validation
  - Network compliance

Network orchestration:

- Automated network operations
- Physical
- Virtual
- Cloud
- Edge
Ansible hybrid cloud automation. Tame your clouds.

Orchestrate
- Deployment and retirement
- Infrastructure coordination
- Cloud migration

Operationalize
- Infrastructure visibility
- Cloud operations
- Automated troubleshooting

Govern
- Business continuity
- Cost management
- Compliance
Ansible Automation Platform for Windows.

Day 1 configuration
- Install and uninstall MSIs, .exes
- Chocolatey package manager integration
- Start, stop, and manage Windows services
- Template and apply registry updates
- Flexible authentication support

Day 2 operations
- Manage and install Windows updates across reboots
- Create and manage local users
- Create and manage domain controller/member server state
- Manage certificates
- Fetch files from remote hosts
- Push and execute Powershell scripts
- Leverage Powershell DSC resources
Ansible Automation Platform for Linux.

Provisioning
- Work seamlessly with bare metal, virtualized and cloud infrastructure
- Easily patch, upgrade and maintain Linux servers
- Automation can handle reboots and ad-hoc changes

Configuration Management
- Built-in support for Linux file and user management
- Full integration of Jinja2 templating library
- Support for Idempotence across numerous Linux modules

Application Deployment
- Full support of dnf, yum and apt packaging tools
- Start, stop, and manage Linux services
- Check operational state and verify application deployments
Ansible Automation Platform for Red Hat OpenShift.

- **Infrastructure coordination**
  - Coordination of existing off-cluster IT infrastructure and services with cloud-native systems

- **Lifecycle management**
  - Automation of Red Hat OpenShift infrastructure and applications lifecycle management

- **Day 2 configuration**
  - Repeatable “last mile” automation for Red Hat OpenShift cluster configuration and management

- **Business continuity**
  - End-to-end business continuity and disaster recovery (DR) automation of Red Hat OpenShift clusters
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