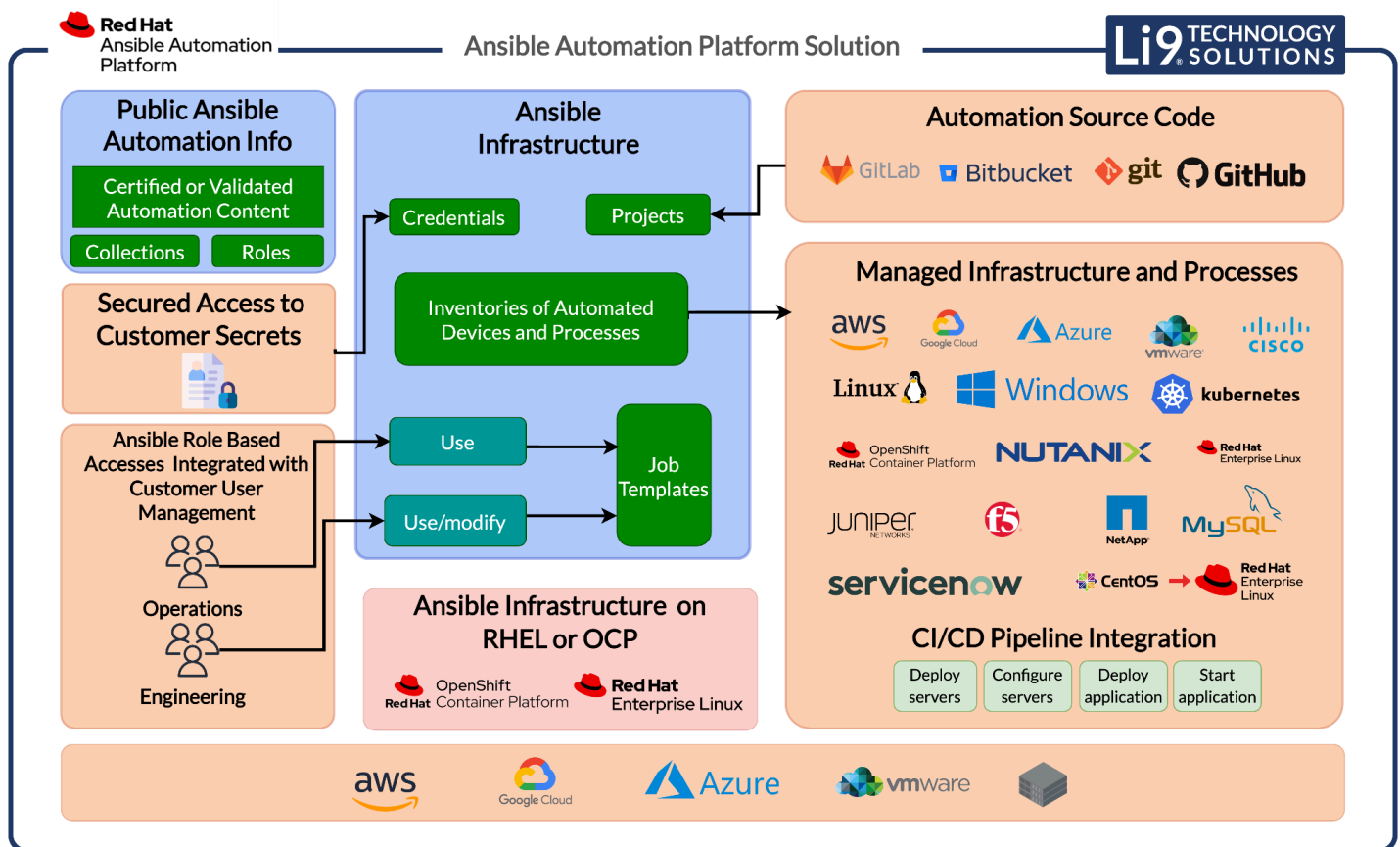


Introduction

Li9 Technology Solutions, as a leading Red Hat partner with a specialization in Intelligent Automation, offers this expert-led service for organizations seeking to establish a robust Ansible Automation Platform (AAP) foundation. This customized quick-start engagement will create a best-practices environment tailored to your specific needs, laying the groundwork for a scalable, secure, production-ready automation solution.

Timeline: 2 Weeks



Ansible Automation Platform empowers your teams to build and deploy more, faster. Experience a powerful surge in efficiency with an **increase in applications developed annually** and improvements in reliability with a **reduction in unplanned downtime**.

Ansible Automation Platform streamlines IT operations across your entire enterprise. Its intuitive automation capabilities enable seamless collaboration between teams while minimizing complexity, resulting in a **significant increase in ROI** and **freeing up valuable resources** for innovation and strategic growth.

Following the initial discovery workshop, a comprehensive SOW will be developed collaboratively with the customer. This SOW will detail the specific deliverables for this Solution Brief.

Objectives

- Deploy a core Ansible Automation Platform (AAP) instance on your chosen cloud platform (AWS, Azure, GCP, or VMware) or on-premises infrastructure.
- Establish essential user and group management, integrated with your existing access control system.
- Implement fundamental secrets management practices to safeguard sensitive automation data.
- Integrate the environment with your existing version control system for code management and tracking.
- Automate a selected use case to demonstrate AAP's capabilities and value for your organization.
- Document the setup process and provide knowledge transfer, empowering your team to manage and extend your AAP footprint.

Scope

- **Platform Selection and Setup:** Consultation to determine the optimal platform and deployment strategy based on your requirements.
- **AAP Installation and Configuration:** Installation of AAP on RHEL or Red Hat OpenShift, including basic network and security configurations.
- **Identity Management:** Integration with your existing authentication and authorization system (e.g., LDAP, Active Directory).
- **Secrets Management:** Implement a basic solution for securely storing passwords, API keys, and certificates.
- **Version Control Integration:** Connect AAP with your preferred version control system (e.g., Git).
- **Use Case Development:** Collaborate to select a use case for automation, followed by Ansible playbook development and integration into AAP workflows.
- **Documentation and Knowledge:** Provide clear documentation of the environment and process, as well as knowledge transfer sessions for your personnel.

Deliverables

- A functional Ansible Automation Platform instance deployed on your designated platform.
- Basic user and group management with external authentication.
- Secure secrets management.

- Version control integration.
- Automated implementation of the selected customer use case.
- Documentation of the environment, configuration, and processes.
- Knowledge transfer sessions for your team.

Project Phases

1. **Planning and Discovery:** Requirements gathering, platform assessment, use case selection, and project timeline creation.
2. **Environment Setup and Configuration:** AAP installation, network and security configuration, and system integrations.
3. **Use Case Development:** Ansible playbook creation, testing, and AAP workflow integration.
4. **Documentation and Knowledge Transfer:** Technical documentation and team training sessions.
5. **Review and Handover:** Final review, sign-off, and transition to your team.

Platform and Subscription Pricing

Li9 can work closely with customers to make platform recommendations based on the solution requirements and can provide any necessary Red Hat Software through traditional subscriptions or through Private Offers on AWS, Azure, or GCP.

Next Steps

Contact Li9 Technology Solutions today! We invite you to schedule a consultation with Li9 to discuss your goals and explore how Ansible can transform your IT operations.



Additional Services for Enterprise-Wide Full Production Automation

1. **Advanced Security and Compliance:** Implement role-based access control (RBAC),

encryption, vulnerability scanning, and compliance auditing.

2. **High Availability and Disaster Recovery:** Design and implement a resilient AAP architecture to ensure continuous operations.
3. **Scalable Infrastructure:** Develop strategies for scaling AAP across multiple teams and environments.
4. **Monitoring and Analytics:** Integrate monitoring tools and dashboards for real-time visibility and performance insights.
5. **Self-Service Automation Portal:** Create a user-friendly portal to empower users to execute automation on demand.
6. **CI/CD Integration:** Build robust CI/CD pipelines with AAP for automated testing and deployment.
7. **Network Automation:** Extend AAP for streamlined network configuration and management.
8. **Cloud Orchestration:** Orchestrate multi-cloud resources and services with AAP.
9. **ITSM Integration:** Integrate AAP with ServiceNow, Jira, or other ITSM tools for seamless incident and change management.
10. **Custom Ansible Content Development:** Develop tailored Ansible roles, modules, and plugins for organization-specific automation needs.

About Li9

Li9 are experts in automation and application modernization and have proven their ability to leverage best practices combined with customer requirements to allow customers to achieve business and technology goals.

Red Hat has designated Li9 as a Red Hat Partner who is an industry expert in digital transformation. Li9 has demonstrated their ability to help envision, shape, and execute digital transformation roadmaps for customers of all sizes and complexities.

Source 1: Red Hat. (2022, May 03). Ansible Automation Platform [White Paper]