Introduction to Event-Driven Ansible

Cursusduur: 2 Dagen Cursuscode: DO274 Trainingsmethode: Virtual Learning

Beschrijving:

Create, deploy, and configure Event-Driven Ansible to run automation code when triggered by events sent by your IT infrastructure.
Introduction to Event-Driven Ansible (DO274) is designed for system administrators, DevOps engineers, and other technical professionals who want to learn how to create, deploy, and configure Event-Driven Ansible (EDA) to run automation code triggered by events sent by supported event sources such as monitoring systems, webhooks, and Apache Kafka.
React to outages and other events quickly, improving efficiency and reducing downtime, by running automation tasks immediately based on alerts and events detected in your IT infrastructure
Write Ansible Rulebooks and use them in Event-Driven Ansible controller to react upon events and remediate or resolve infrastructure issues.
Learn about key use cases as examples of how to use Event-Driven Ansible in your IT infrastructure.
This course is based on Red Hat® Ansible Automation Platform 2.4.
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Doelgroep:

This course is designed for system administrators, DevOps engineers, network administrators, and other technical professionals who are responsible for ensuring rapid response to infrastructure or application events and are interested in implementing issue remediation and resolution with automation.

Doelstelling:

- After this course participants should be able to:
- Explain what Event-Driven Ansible is, why it is important, and describe its architecture and some of its key use cases and benefits
- Read, write, and test basic Ansible Rulebooks that react to events from various sources
- Write and configure Ansible automation code that can run automatically when events occur in your IT infrastructure, without requiring manual intervention
- Explain installation options for Event-Driven Ansible controller and how to install it
- Centrally manage Event-Driven Ansible automation to enable collaboration and coordination between developers and to monitor the actions taken and the results of those automation runs
- Set up new projects, the automation decision environment, and integration with automation controller so that Event-Driven Ansible controller can launch job templates based on events monitored by Ansible Rulebooks
- Configure and use Event-Driven Ansible to react to events generated by Git operations, such as push notifications or pull requests, and be able to use this to build a GitOps workflow
- Build automation workflows that can be integrated into DevOps and GitOps practices and procedures
- Configure Ansible to use network telemetry to automatically respond to events and implement remediation or configuration changes

Vereiste kennis en vaardigheden:

- User-level experience with Red Hat Enterprise Linux and running commands from the shell required; RHCSA or RHCE-level skill recommended
- Basic knowledge of command-line Ansible, Visual Studio Code, and Git
- Experience with Red Hat Ansible Automation Platform 2 and automation controller is recommended

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Examens en certificering

Vervolgcursussen:

None

Cursusinhoud:

Getting Started with Event-Driven Ansible

- Create Ansible automation that can run playbooks based on events delivered from various supported sources

Getting Started with Event-Driven Ansible Controller

- Configure Event-Driven Ansible controller as a service that provides a rules engine to listen for events and activate your Ansible Rulebooks

Example Use Cases for Event-Driven Ansible

- Explore some example use cases for Event-Driven Ansible

Extra informatie:

Official course book provided to participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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