



Red Hat Ansible Lightspeed with IBM watsonx Code Assistant



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Accelerate IT automation with generative AI

Overview

Red Hat® Ansible® Lightspeed with IBM watsonx Code Assistant is a generative AI service engineered to help your automation teams create, adopt, and maintain Ansible content more efficiently. Connected to IBM watsonx Code Assistant, Red Hat Ansible Lightspeed helps you turn your automation ideas into Ansible code with natural language prompts. A component of Red Hat Ansible Automation Platform, Red Hat Ansible Lightspeed is accessed directly in Visual Studio Code via the Ansible extension.

What to expect

When your organization deploys Red Hat Ansible Lightspeed with IBM watsonx Code Assistant to help accelerate IT automation, you can expect to:

Enhance productivity, with AI-generated code recommendations that are more accurate, more reliable, and integrated into your automation developers' existing Ansible workflows.

Expand who can create, by reducing barriers to entry for automation code creation and empowering automation subject matter experts (SMEs) with basic coding knowledge to translate their expertise into usable Ansible Playbooks.

Extend trust with an automation code base that adheres to accepted Ansible best practices, options to customize data models, and significant data safeguards in place.

Table 1. Red Hat Ansible Lightspeed features and benefits

Feature	Benefits
Task generation	Generates a task for an Ansible Playbook or Role from a natural language prompt
Multitask generation	Generates multiple Ansible task suggestions for Ansible Task files and Playbooks by providing a sequential chain of natural language task prompts chained together using ampersands (&) in YAML comment (#) lines
Content source matching	Attempts to match each generated code snippet recommendation to the top 3 closest potential data training sources, including the Ansible content, content authors, and content licenses
Ansible code bot* <i>*in technology preview</i>	Scans existing content collections through selected Git repositories and automatically submits pull requests that can be qualitatively improved with the most up-to-date Ansible best practices
Post-processing rules	Augments generated code recommendations to ensure they adhere to Ansible best practices

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Datasheet: Red Hat Ansible Lightspeed with IBM watsonx Code Assistant

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