IBM WebSphere Automation for IBM Cloud Pak for Watson AIOps 1.4 delivers one-click installation of security updates for traditional IBM WebSphere Application Server and IBM WebSphere Application Server Liberty servers

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At a glance

IBM(R) WebSphere(R) Automation for IBM Cloud Pak(R) for Watson AIOps 1.4 offers the following updates:

- One-click installation of critical security updates for traditional IBM WebSphere Application Server and IBM WebSphere Application Server Liberty servers
- Automatic download of security updates from IBM fix repositories
- Ansible(R)-based installation of security updates and fix packs to WebSphere Application Server environments on bare metal and virtual machines
- Installation and rollback of applied security updates

Overview

WebSphere Automation for IBM Cloud Pak for Watson AIOps helps organizations realize immediate value for their existing WebSphere Application Server environment.

WebSphere Automation for IBM Cloud Pak for Watson AIOps 1.4 integrates with Anisble to provide one-click installation of critical security updates for traditional WebSphere Application Server and WebSphere Application Server Liberty servers. Anisble is an increasingly popular choice for software provisioning, configuration management, and application deployment among organizations that use WebSphere Application Server. Using the information WebSphere Automation for IBM Cloud Pak fort Watson AIOps has about the registered traditional WebSphere Application Server and WebSphere Application Server Liberty servers, the appropriate security update is retrieved from IBM fix repositories. Installation of the security update is fully automated and includes retrieving the fix, installing the fix, and restarting the servers. The history of installation changes is tracked, and updates can be reverted if necessary.

WebSphere Automation for IBM Cloud Pak for Watson AIOps removes the need for WebSphere Application Server operations to perform the following manual actions:

- Detection of unresolved vulnerabilities in traditional WebSphere Application Server servers, WebSphere Application Server Liberty servers, and IBM JDK

- Identification of impacted systems in the WebSphere Application Server environment
- Retrieval of security updates from IBM fix repositories
- Manual installation of iFixes and fix packs for traditional WebSphere Application Server and WebSphere Application Server Liberty servers
- Manual rollback of iFixes and fix packs for traditional WebSphere Application Server and WebSphere Application Server Liberty servers

Key requirements

For details, see the Software requirements section.

Planned availability date

June 29, 2022

Availability within a country is subject to local legal requirements.

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the IBM Accessibility Conformance Reports website.

Statement of general direction

The mission of the WebSphere Automation for IBM Cloud Pak for Watson AIOps team is to continue to extend the lifetime value of the organization's WebSphere investments through automated insights and actions.

IBM intends to continue to deliver capabilities and enhancements to the WebSphere Automation portfolio by delivering AI-infused automation focused on vulnerability remediation, assisted problem determination, and automated tuning advice to help remove manual effort by WebSphere administrators and operators.

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Reference information

For more information about IBM WebSphere Automation for IBM Cloud Pak for Watson AIOps, see Software Announcement LP21-0486, dated November 16, 2021.

Program number

Program number	VRM	Program name
5900-AH1	1.4.0	IBM WebSphere Automation

Publications

Documentation for WebSphere Automation, including how to configure integration with Instana[R], can be found in IBM Documentation.

Documentation for Instana can be found in IBM Documentation.

Services

IBM Systems Lab Services

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For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the IBM Security Expert Labs website.

Technical information

Specified operating environment

Software requirements

WebSphere Automation for IBM Cloud Pak for Watson AIOps runs on an embedded, restricted use Red Hat⁽ᴿ⁾ OpenShift⁽ᴿ⁾ Container Platform, which is included in the product. Detailed requirements for WebSphere Automation for IBM Cloud Pak for Watson AIOps can be found in IBM Documentation.

The early memory leak detection capability of WebSphere Automation is provided using a webhook integration with Instana. Detecting of the memory leak is available in Instana Build 213, or later. For organizations looking to acquire Instana, it is available separately from IBM with IBM Observability by Instana Application Performance Monitoring (5737-N85).

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Planning information

Packaging

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The ordering information is not changed by this announcement. For ordering information, see Software Announcement LP21-0486, dated November 16, 2021.

Charge metric

Charge metric information can be found in the corresponding License Information document.

Program number	License Information document title	License Information document number
5900-AH1	IBM WebSphere Automation for IBM Cloud Pak for Watson AIOps	L-MCAO-CDNJXP

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Program number	License Information document title	License Information document number
5900-AH1	IBM WebSphere Automation for IBM Cloud Pak for Watson AIOps	L-MCAO-CDNJXP

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Limited warranty

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