Fundamentals of IBM Robotic Process Automation

WB505 (Classroom)

ZB505 (Self-paced)

Course description

This course introduces solution architects to IBM Robotic Process Automation 20.12.5. Through hands-on exercises, you become familiar with IBM RPA environments, including RPA Studio and RPA Portal. You learn how to use flow control, conditional logic, text processing, and file management commands in automation scripts. You learn how build and test bots, and how to publish bot scripts to RPA Server.

This course is a subset of the 5-day course: Automating Tasks with IBM Robotic Process Automation 20.12.5 (Course code: WB504/ZB504). Developers who need in-depth training with Robotic Process Automation should take WB504/ZB504.

The lab environment for this course uses Windows Server 2016.

For information about other related courses, see the IBM Training website:

**ibm.com**/training

General information

Delivery method

Classroom or self-paced virtual classroom (SPVC)

Course level

ERC 1.0

Product and version

IBM Robotic Process Automation 20.12.5

Audience

This course is intended for solution architects.

Learning objectives

After completing this course, you should be able to:

* Describe the benefits of implementing robotic process automation
* Author and test bots in RPA Studio
* Use commands for file management, conditional logic, flow control, and subroutines in a bot script
* Publish scripts to RPA Server
* Interact with browsers
* Automate email handling
* Describe how to implement digital assistants
* Explain how to use OCR

Prerequisites

* None

Duration

1 day

Skill level

Basic

Notes

The following unit and exercise durations are estimates, and might not reflect every class experience. If the course is customized or abbreviated, the duration of unchanged units will probably increase.

This is a new course.

Course agenda

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| Course introductionDuration: 15 minutes |

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| Unit 1. Introducing IBM Robotic Process AutomationDuration: 1 hour and 30 minutes |
| Overview | This unit introduces you to robotic process automation technology and the benefits of implementing it. You also learn about the IBM Robotic Process Automation features and architecture. |
| Learning objectives | After completing this unit, you should be able to:* Explain robotic process automation (RPA)
* Outline the use cases and benefits of RPA
* Describe the IBM RPA architecture
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| Exercise 1. Creating a simple botDuration: 30 minutes |
| Overview | This exercise introduces you to the RPA Studio environment. You learn how to create a simple bot that opens a message box. |
| Learning objectives | After completing this exercise, you should be able to:* Sign in to the RPA Studio and RPA Portal environments
* Create a bot script
* Define a bot command
* Test a bot
* Publish a bot to the RPA server
* View published scripts in IBM RPA Portal
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| Unit 2. Getting started with RPA StudioDuration: 2 hours |
| Overview | This unit introduces you to the tools and commands in RPA Studio. |
| Learning objectives | After completing this unit, you should be able to:* Describe the RPA Studio interface
* Explain how to author and run scripts in RPA Studio
* Outline how to work with variables
* Use commands for file management, conditional logic, flow control, and subroutines in a script
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| Exercise 2. Automating file managementDuration: 1 hour and 45 minutes |
| Overview | In this exercise, you create and test a bot that organizes files into separate folders according to the file extension. |
| Learning objectives | After completing this exercise, you should be able to:* Create, move, and delete files and file folders
* Define variables and use commands to assign values
* Implement flow control logic
* Define, extract, and invoke subroutines
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| Unit 3. Key features of IBM Robotic Process AutomationDuration: 45 minutes |
| Overview | This unit describes the key features of IBM RPA. |
| Learning objectives | After completing this unit, you should be able to:* Interact with browsers
* Automate email handling
* Describe how to implement digital assistants
* Explain how to use OCR
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| Unit 4. Course summaryDuration: 30 minutes |
| Overview | This unit summarizes the course |
| Learning objectives | After completing this unit, you should be able to:* Explain how the course met its learning objectives
* Identify IBM credentials that are related to this course
* Locate resources for further study and skill development
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For more information

To learn more about this course and other related offerings, and to schedule training, see **ibm.com**/training

To learn more about validating your technical skills with IBM certification, see **ibm.com**/certify

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