IBM Cloud Pak for Business Automation - Installation

WB601 (Classroom)

ZB601 (Self-paced)

Course description

This course provides technical professionals with the needed skills to install IBM Cloud Pak for Business Automation capabilities.

The course begins with an introduction to IBM Cloud Pak for Business Automation (CP4BA). You learn about different CP4BA installation methods. You configure the custom resource (CR) file for Business Automation Navigator (BAN), deploy, and verify that all the prerequisites are configured correctly. You learn how to deploy the CP4BA capabilities such as FileNet Content Manager, Business Automation Studio, Business Automation Workflow, Operational Decision Manager, and Business Automation Insights. For each of the CP4BA capabilities, you verify the associated end points.

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 Cloud Pak for Business Automation 22.0.2 IF004

Audience

This course is intended for administrators of IBM Cloud Pak for Business Automation (CP4BA) who want to deploy the CP4BA capabilities.

Learning objectives

After completing this course, you should be able to:

* Describe the products in the Cloud Pak for Business Automation
* Identify the benefits of various Cloud Pak for Business Automation installation options
* Explain the business value of the air gap installation technique for Cloud Pak for Business Automation
* Install the Business Automation Navigator and verify the Cloud Pak dashboard
* Configure the Custom Resource (CR) file for the following capabilities: FileNet Content Manager, Business Automation Studio (BAS) and Business Automation Workflow (BAW), Operational Decision Manager (ODM), and Business Automation Insights (BAI)
* Deploy the capabilities and verify the deployments

Prerequisites

* Familiarity with the IBM Cloud Pak for Business Automation concepts
* Basic knowledge of Linux operating system
* Understanding of Containers and Kubernetes

Duration

2 days

Skill level

Intermediate

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.

Course agenda

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| Course introductionDuration: 15 minutes |

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| Unit 1. Introduction to IBM Cloud Pak for Business AutomationDuration: 20 minutes |
| Overview | This unit is an overview of IBM Cloud Pak for Business Automation, its key capabilities, high-level architecture, and its primary components. |
| Learning objectives | After completing this unit, you should be able to:* Understand the business value of IBM Cloud Paks
* Explain the architecture of IBM Cloud Pak for Business Automation
* Describe the products in IBM Cloud Pak for Business Automation
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| Unit 2. Installing Cloud Pak for Business AutomationDuration: 20 minutes |
| Overview | This unit introduces the system prerequisites, deployment options, and air gap installation technique for installing IBM Cloud Pak for Business Automation |
| Learning objectives | After completing this unit, you should be able to:* Describe the system prerequisite for IBM Cloud Pak for Business Automation
* Identify the benefits of various Cloud Pak for Business Automation deployment options
* Explain the business value of the air gap installation technique for Cloud Pak for Business Automation
* Understand your lab environment
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| Unit 3. Cloud Pak for Business Automation (CP4BA) OperatorDuration: 15 minutes |
| Overview | This unit describes the IBM Cloud Pak for Business Automation operator and its deployment. |
| Learning objectives | After completing this unit, you should be able to:* Describe the IBM Cloud Pak for Business Automation operator
* Explain the IBM Cloud Pak for Business Automation operator deployment
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| Unit 4. Deploying Business Automation NavigatorDuration: 45 minutes |
| Overview | This unit teaches you how to create a custom resource file for deploying IBM Cloud Pak for Business Automation Navigator, verify the installation, and explore the Cloud Pak dashboard. |
| Learning objectives | After completing this unit, you should be able to:* Explore the Red Hat OpenShift environment
* Learn to configure the custom resource file and deploy Business Automation Navigator
* Describe the verification of the Business Automation Navigator installation
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| Exercise 1. Deploying Business Automation NavigatorDuration: 3 hours |
| Overview | In this exercise, you learn how to install Cloud Pak common (foundation) services and Business Automation Navigator (BAN) for Cloud Pak for Business Automation |
| Learning objectives | After completing this exercise, you should be able to:* Configure the custom resource file for Business Automation Navigator (BAN)
* Deploy Business Automation Navigator and verify the deployment
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| Unit 5. Deploying FileNet Content ManagerDuration: 45 minutes |
| Overview | This unit teaches you how to configure the custom resource file for FileNet Content Manager (FileNet Content Platform Engine (CPE), Content Search Services (CSS), Content Management Interoperability Services (CMIS), IBM Enterprise Records (IER), Task Manager (TM), and GraphQL), deploy it, and verify the installation |
| Learning objectives | After completing this unit, you should be able to:* Learn to configure the custom resource file for FileNet Content Manager
* Describe the FileNet Content Manager deployment and its verification
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| Exercise 2. Deploying FileNet Content ManagerDuration: 3 hours |
| Overview | In this exercise, you learn how to install FileNet Content Platform Engine (CPE), Content Search Services (CSS), Content Management Interoperability Services (CMIS), IBM Enterprise Records (IER), Task Manager (TM), and GraphQL for Cloud Pak for Business Automation. |
| Learning objectives | After completing this exercise, you should be able to:* Configure the custom resource file for FileNet CPE, CSS, CMIS, GraphQL, IER, and TM
* Install the components and verify the deployments
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| Unit 6. Deploying Business Automation WorkflowDuration: 45 minutes |
| Overview | This unit teaches you how to configure the custom resource file for Business Automation Studio (BAS), Automation Application Engine (AAE), and Business Automation Workflow Authoring (BAW Authoring). It shows you how to deploy the components and verify the installation |
| Learning objectives | After completing this unit, you should be able to:* Learn to configure the custom resource file for Business Automation Studio (BAS), Automation Application Engine (AAE), and Business Automation Workflow (BAW) Authoring
* Describe the BAS, AAE, and BAW Authoring deployment and their verification
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| Exercise 3. Deploying Business Automation WorkflowDuration: 2 hours |
| Overview | In this exercise, you learn how to configure the custom resource file for Business Automation Studio (BAS), Automation Application Engine (AAE), and Business Automation Workflow Authoring (BAW Authoring). You also learn how to deploy them and verify the deployment. |
| Learning objectives | After completing this exercise, you should be able to:* Configure the custom resource file for Business Automation Studio (BAS), Automation Application Engine (AAE), and Business Automation Workflow (BAW) Authoring
* Deploy BAS, AAE, and BAW and monitor the deployment
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| Unit 7. Deploying Operational Decision ManagerDuration: 30 minutes |
| Overview | This unit teaches you how to configure the custom resource file for Operational Decision Manager (ODM). It shows you how to deploy the components and verify the installation. |
| Learning objectives | After completing this unit, you should be able to:* Learn to configure the custom resource file for ODM
* Describe the ODM deployment and its verification
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| Exercise 4. Deploying Operational Decision ManagerDuration: 1 hour and 30 minutes |
| Overview | In this exercise, you learn how to configure the custom resource file for Operational Decision Manager (ODM). You also learn how to deploy it and verify the deployment. |
| Learning objectives | After completing this exercise, you should be able to:* Configure the prerequisites and Custom Resource file for Operational Decision Manager (ODM)
* Deploy ODM and verify the deployment
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| Unit 8. Deploying Business Automation InsightsDuration: 15 minutes |
| Overview | This unit teaches you how to configure the custom resource file for Business Automation Insights (BAI). It shows you how to deploy the components and verify the installation. |
| Learning objectives | After completing this unit, you should be able to:* Learn to configure the custom resource file for BAI
* Describe the BAI deployment and its verification
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| Exercise 5. Deploying Business Automation InsightsDuration: 1 hour and 15 minutes |
| Overview | In this exercise, you learn how to configure the custom resource file for Business Automation Insights (BAI). You also learn how to deploy it and verify the deployment. |
| Learning objectives | After completing this exercise, you should be able to:* Configure the Custom Resource file for Business Automation Insights (BAI)
* Deploy BAI and verify the deployment
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| Unit 9. Course summary, badge, and other learning resourcesDuration: 30 minutes |
| Overview | This unit summarizes the course and provides badges and other information for future study. |
| Learning objectives | After completing this unit, you should be able to:* Describe the course objectives and what you learned
* Earn a badge for this course
* Identify and describe product certifications that are related to this course
* Identify resources that can help you learn more
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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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