IBM Aspera Console Administration

WT012 (Classroom)

ZT012 (Self-paced)

Course description

This course is intended to teach the necessary knowledge and skills to install, configure, and use the IBM Aspera Console to manage an Aspera environment.

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

Product name version 1.0

Audience

This course is intended for administrators of IBM Aspera Console.

Learning objectives

After completing this course, you should be able to:

* Identify the key features of IBM Aspera Console
* Explain the function of the processes of Aspera Console
* Install and configure Aspera Console
* Add managed and unmanaged nodes to Aspera Console
* Define and use both simple and smart transfers
* Create and run standard and custom reports
* Perform basic maintenance tasks

Prerequisites

* Successful completion of the WT011G or ZT011G course.

Duration

1 day

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.

This is a new course.

Course agenda

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| Course introductionDuration: 15 minutes |

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| Unit 1. Overview of IBM Aspera ConsoleDuration: 30 minutes |
| Overview | This unit provides an introduction to the features of the IBM Aspera Console application. |
| Learning objectives | After completing this unit, you should be able to:* Identify the primary features and benefits of IBM Aspera Console
* Outline the kinds of information that is provided in the Console tabs
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| Unit 2. IBM Aspera Console ArchitectureDuration: 30 minutes |
| Overview | This unit discusses the various processes that perform tasks within IBM Aspera Console. |
| Learning objectives | After completing this unit, you should be able to:* Identify the communication channels between Aspera Console and Aspera nodes
* Outline the deprecated behavior of earlier versions of Console
* Describe the role of the Console background processes
* Explain why Aspera Console requires mongrels
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| Unit 3. Installing and configuring IBM Aspera ConsoleDuration: 45 minutes |
| Overview | This unit discusses the installation and initial configuration of IBM Aspera Console. |
| Learning objectives | After completing this unit, you should be able to:* Install IBM Aspera Console
* Navigate the Aspera Console user interface
* Configure email notifications
* Configure Console system defaults
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| Exercise 1. Installing and configuring IBM Aspera ConsoleDuration: 1 hour |
| Overview | While the installation of Aspera Console is not difficult, there some additional configuration tasks that are typically performed during the installation process. This exercise explores some of those tasks. Most of the tasks are performed on the Windows system, but some tasks require you to use the Linux systems as well. |
| Learning objectives | After completing this exercise, you should be able to:* Install IBM Aspera Console
* Navigate the Aspera Console user interface
* Configure email notifications
* Configure Console system defaults
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| Unit 4. Adding and configuring Console nodesDuration: 45 minutes |
| Overview | This unit explains the process of creating both managed and unmanaged nodes. |
| Learning objectives | After completing this unit, you should be able to:* Prepare Aspera Transfer Servers as nodes for IBM Aspera Console
* Distinguish between managed and unmanaged nodes
* Add managed and unmanaged nodes to the Console environment
* Use Aspera Console to modify node configuration parameters
* Define endpoints for both managed and unmanaged nodes
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| Exercise 2. Adding and configuring Console nodesDuration: 45 minutes |
| Overview | The tasks in this step you through the preparation of Windows and Linux nodes for management by Console. After you prepare the nodes, you add and configure one Windows node and two Linux servers. |
| Learning objectives | After completing this exercise, you should be able to:* Prepare Aspera Transfer Servers as nodes for IBM Aspera Console
* Distinguish between managed and unmanaged nodes
* Add managed and unmanaged nodes to the Console environment
* Use Aspera Console to modify node configuration parameters
* Define endpoints for both managed and unmanaged nodes
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| Unit 5. Managing Console users and groupsDuration: 30 minutes |
| Overview | This unit presents the creation and management of Console users and groups. |
| Learning objectives | After completing this unit, you should be able to:* Explain the concept of a transfer path as it relates to Console users
* Add and remove Console user and group accounts
* Assign permissions for Console users
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| Exercise 3. Managing Console users and groupsDuration: 30 minutes |
| Overview | This unit provides hands-on experience in working with groups, adding users, and defining transfer paths. |
| Learning objectives | After completing this exercise, you should be able to:* Explain the concept of a transfer path as it relates to Console users
* Add and remove Console user and group accounts
* Assign permissions for Console user
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| Unit 6. Creating and managing Console transfersDuration: 45 minutes |
| Overview | This unit discusses the procedures for creating and running simple and smart transfers from IBM Aspera Console. |
| Learning objectives | After completing this unit, you should be able to:* Perform simple transfers
* Define and use smart transfers for automated transfers
* Modify priorities for Console-based transfers
* Use Console to access transfer details
* Monitor transfers on both managed and unmanaged nodes
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| Exercise 4. Creating and managing Console transfersDuration: 45 minutes |
| Overview | This exercise covers the process of creating transfers and managing transfers by using the user accounts created previously. |
| Learning objectives | After completing this exercise, you should be able to:* Create and run simple transfers
* Define and use smart transfers for automated transfers
* Modify priorities for Console-based transfers
* Use Console to access transfer details
* Monitor transfers on both managed and unmanaged nodes
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| Unit 7. Configuring and generating Console reportsDuration: 25 minutes |
| Overview | This unit provides an introduction to creating and running system-wide reports. |
| Learning objectives | After completing this unit, you should be able to:* Locate and run a Basic report
* Configure report parameters
* Create a custom basic report
* Use Console to access transfer details
* Explain how advanced reports can be created
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| Exercise 5. Configuring and running Console reportsDuration: 20 minutes |
| Overview | This exercise is designed to give you a general understanding of accessing, creating and running reports from Console. |
| Learning objectives | After completing this exercise, you should be able to:* Locate and run a basic report
* Configure report parameters
* Create a custom basic report
* Use Console to access transfer details
* Explain how advanced reports can be created
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| Unit 8. Basic Console maintenance tasksDuration: 30 minutes |
| Overview | This unit introduces basic maintenance tasks for administering IBM Aspera Console systems. |
| Learning objectives | After completing this unit, you should be able to:* Perform a back of the Aspera Console configuration
* Use the Aspera Console application to purge the MySQL database
* Restart Aspera Console services that use the asctl commands
* Locate the Aspera Console log files
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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