Description: Description: 5300_IBMpos

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 IBM Aspera Console.

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:

* Describe the operation of the FASP protocol
* 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
* Create and run standard and custom reports
* Perform basic maintenance tasks

Prerequisites

* Completion of WT011 or ZT011

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 introduction  Duration: 15 minutes |

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| Unit 1. Overview of IBM Aspera Console  Duration: 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 Architecture**  Duration: 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 Console**  Duration: 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:   * Identify the prerequisites for a successful deployment of IBM Aspera High-Speed Transfer 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 Console**  Duration: 1 hour | |
| Overview | This exercise demonstrates the installation of IBM Aspera High-Speed Transfer (HST) Server software. |
| Learning objectives | After completing this exercise, you should be able to:   * Install the IBM Aspera HST Server software on both Windows and Linux platforms * Test the system’s ability to transfer files by using the IBM Aspera HST Server application * Access and use the IBM Aspera HST Server documentation * Use the Aspera GUI to manipulate local and remote files and directories |

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| **Unit 4. Adding and configuring Console nodes**  Duration: 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 nodes**  Duration: 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 groups  Duration: 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 groups  Duration: 130 minutes | |
| Overview | This exercise uses the Aspera GUI to configure new users and groups, to define configuration parameters that manage transfers performed by users and groups, and to implement Vlinks. |
| Learning objectives | After completing this exercise, you should be able to:   * Add transfer group to the Aspera configuration * Add users to the Aspera configuration * Configure bandwidth parameters * Implement Vlinks and verify operation |

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| **Unit 6. Creating and managing Console transfers**  Duration: 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 transfers**  Duration: 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 reports**  Duration: 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 reports**  Duration: 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 |

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| U**nit 8. Basic Console maintenance tasks**  Duration: 30 minutes | |
| Overview | This unit identifies common performance bottlenecks, presents common maintenance tasks, and 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 |

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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