

# BlackBerry Systems Integration Professional

The technical accreditation training path for BlackBerry Systems Integration Professional (BSIP) includes a blend of web-based training, instructor-led training, and online assessments. The BSIP accreditation is targeted at individuals who will perform System Integration and Administration tasks on the BlackBerry UEM platform.

All web-based training must be completed using the BlackBerry Universe learning portal prior to the instructor-led training. The instructor-led training must be completed using one of BlackBerry's Authorized Training Partners and content will be accessed using the BlackBerry Universe learning portal. All assessments must be proctored through one of BlackBerry's Authorized Training Partners. To successfully achieve the accreditation for BlackBerry Systems Integration Professional, learners must complete all training and assessment requirements listed in the charts below.

## Web-Based Training (Pre-Work)

Training Module	Course Code	Duration	Description	Goals
BlackBerry UEM version 12.10 High Availability	718-00227-123	1 hour	In this web-based course, you will learn about the options available to configure high availability in BlackBerry UEM. It uses scenarios and interactive practice exercises to take you through the process to plan and configure BlackBerry UEM for high availability.	<ul style="list-style-type: none"> <li>Identify the key components involved in the high availability architecture for BlackBerry UEM</li> <li>Summarize the tasks required to configure high availability in BlackBerry UEM</li> <li>Identify how BlackBerry UEM evaluates the health of BlackBerry UEM components</li> <li>List the steps to set up high availability in a BlackBerry UEM environment</li> <li>Match the high availability process description with its corresponding animation</li> </ul>
BlackBerry UEM version 12.10 High Availability - Assessment	719-00228-123	15 minutes	This Assessment will evaluate the learner according to the objectives for the associated learning module.	The passing score for this assessment is 80%.
BlackBerry UEM version 12.10 Architecture and Data Flows	718-00229-123	1 hour	In this web-based course, you will learn about the BlackBerry UEM architecture. You will also analyze how data flows when devices are activated and the different paths data can take when active devices access your organization's network.	<ul style="list-style-type: none"> <li>Describe the BlackBerry UEM components</li> <li>Describe the key ports required by BlackBerry UEM components</li> <li>Analyze how data flows when a device is activated</li> <li>Analyze how data flows when a device receives configuration updates</li> <li>Analyze how data flows when a device sends or receives work data</li> </ul>
BlackBerry UEM version 12.10 Architecture and Data Flows - Assessment	719-00230-123	1 hour	This Assessment will evaluate the learner according to the objectives for the associated learning module.	The passing score for this assessment is 77%.

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## Instructor-Led Training

Training Module	Course Code	Duration	Description	Goals
BlackBerry Systems Integration Professional	716-00246-123	4 days	The technical accreditation training path for the BlackBerry Systems Integration Professional is comprised of BlackBerry UEM web-based and instructor-led training, which includes hands-on labs. You will learn about licensing, installation, configuration, and administration of BlackBerry UEM.	<ul style="list-style-type: none"> <li>• Review the architecture and data flows of UEM</li> <li>• Review UEM high availability</li> <li>• Determine the best licensing option for a given environment</li> <li>• Identify how to resolve licensing issues</li> <li>• List the prerequisites for installation</li> <li>• Summarize the process to install UEM given the sample environment</li> <li>• Identify the mandatory and optional installation steps, tasks, and components</li> <li>• Analyze high availability installation impacts based on sample environments</li> <li>• List the post installation procedures</li> <li>• List the recommended best practices for configuring UEM</li> <li>• Configure UEM to connect to your company directory</li> <li>• Configure trusted certificates for UEM</li> <li>• Configure proxy servers for UEM</li> <li>• Configure device management settings for UEM</li> <li>• Configure UEM Self-Service for user access</li> <li>• Configure additional basic and advanced settings using resources and information provided</li> <li>• Install BEMS</li> <li>• Configure BEMS services</li> <li>• Customize the UEM installation</li> <li>• Create additional administrators</li> <li>• Set up certificates</li> <li>• Create an app library</li> <li>• Create policies and profiles</li> <li>• Create email templates and activation profiles</li> <li>• Create user roles and user groups</li> <li>• Create device groups</li> <li>• Add users</li> <li>• Choose an activation type based on your organization's needs</li> <li>• Activate devices (where available)Configure BlackBerry Work app settings</li> <li>• Configure BlackBerry Access app settings</li> <li>• Configure BlackBerry Connect app settings</li> <li>• Configure BlackBerry Dynamics Launcher settings</li> <li>• Describe the upgrade or migration paths</li> <li>• Choose the best upgrade or migration path for a sample environment</li> <li>• Analyze high availability upgrade or migration impacts on sample environments</li> <li>• Assess potential points of failure before beginning the upgrade or migration</li> <li>• Perform a migration and resolve any issues</li> <li>• Assess the impacts of adding high availability</li> <li>• Assess the impact of increasing BlackBerry Connectivity Node instances</li> <li>• Summarize the best practices to secure your environment</li> <li>• Describe device commands and controls that can be used to secure a device</li> </ul>
BlackBerry Systems Integration Professional - Assessment	719-00250-123	30 minutes	This Assessment will evaluate the learner according to the objectives for the associated instructorled course.	The passing score for this assessment is 80%.