

- Nombre de la certificación: IBM Certified Solution Developer – WebSphere Portal 8.5
- Código del examen: C9520-423

En examen está dividido en 4 áreas:

1. Architecture and Configuration
2. Developing Portlets
3. Developing Themes and Skins
4. Portal APIs and SPIs

Cada área tiene temas que lo vemos a continuación:

Architecture and Configuration

- Understand basic server configuration
- Understand the Portlet lifecyle
- Understand two-phase rendering
- Edit Portlet Preferences
- Understand JSR 286 Portlet Filters
- Understand caching strategies
- Make use of the Ajax proxy

- Filter pages using device classes
- Design and implement portal personalization
- Expose Web applications inside IBM WebSphere Portal
- Define WSRP Portlet

Developing Portlets

- Develop portlets based on JSR 286 Specification
- Use Portlet JSP tags
- Understand and develop inter-portlet communication
- Develop a portlet to perform impersonation
- Pre-deploy portlets

Developing Themes and Skins

- Create a new theme
- Understand Dynamic Content Spots
- Understand the Responsive Theme
- Create a custom theme module
- Create HTML layout
- Understand the Menu Framework
- Create a theme that uses static content outside of WebDAV
- Use Portal JSP tags
- Use WebDav
- Deploy Themes
- Use the Theme Optimization Analyzer portlet to debug theme problems

Portal APIs and SPIs

- Understand Portal API
- Use REST APIs
- Understand the uses of the Controller SPI
- Understand and use the PUMA SPI
- Use the Navigational State SPI to create custom links and generate URLs
- Develop a customized login
- Understand Authentication Filters
- Develop a custom portlet service
- Develop a custom portlet that uses credential vault
- Use the Navigational State SPI to create custom links and generate URLs

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