IBM Digital Experience

System Administrator skills for IBM WebSphere Portal V8.5

Role
The system administrator performs the installation, configuration, and day-to-day tasks associated with ensuring the smooth and efficient operation of Portal instances, and runtime environments. This includes product installation, configuration, page management, deployment of portlets, staging to production, and general production procedures.

The system administrator is generally self-sufficient and able to perform most of the tasks involved in the role with limited assistance from peers, product documentation, and vendor support services.

Assumptions
It is assumed that the individual following this roadmap has basic skills in the following areas:
- Working knowledge of underlying operating system platforms such as Windows and Linux
- Experience administering WebSphere Application Server
- Experience managing JVM environments
- Database administration experience
- LDAP directory experience

Objectives
After completing this training, students should be able to:
- Add portlets to pages
- Deploy a new portlet
- Manage access
- Create and apply visibility rules
- Work with syndication feeds
- Integrate mashups
- Configure search
- Customize or brand the portal
- Deploy a custom theme
- Transfer the ready-to-use data from the Derby database to DB2 Universal Database
- Configure WebSphere Portal to use an IBM Tivoli Directory Server LDAP server
- Create a Network Deployment cell that contains a single node cluster
- Select the best topology for your organization’s needs
- Turn on logging and tracing
- Use XML Access to streamline management activities
- Back up and restore data
- Implement release management practices

**Prerequisite learning**

| Types of websites (Self-study) No charge | Tutorial: Creating and publishing content (Self-study) No charge |

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# 2 Training path to WebSphere Portal 8.5 certification

**Do you have the required WebSphere admin skills?**

- **Yes**
  - **Recommended**
    - IBM WebSphere Application Server V8.5 Administration
      - **WA585** Classroom (5 days)
      - **ZA585** Self-paced virtual class
  - **Certification test**
    - See certification Web site for test preparation
    - **Test C2210-420** IBM WebSphere Portal 8.5 System Administration Update

- **No**
  - **Recommended**
    - IBM WebSphere Application Server V8.5.5 Administration
      - **WA855** Classroom (5 days)
      - **ZA855** Self-paced virtual class
  - **Certification test**
    - See certification Web site for test preparation
    - **Test C2210-421** IBM WebSphere Portal 8.5 System Administration Core A
    - **Test C2210-422** IBM WebSphere Portal 8.5 System Administration Core A

**Are you a Certified System Administrator – WebSphere Portal V8?**

- **Yes**
  - **Recommended readings**:
    - What’s new in WebSphere Portal 8.5
    - Installing WebSphere Portal 8.5
    - Configuring WebSphere Portal 8.5
    - Administering WebSphere Portal 8.5
  - **Certification test**
    - See certification Web site for test preparation
    - **Test C2210-420** IBM WebSphere Portal 8.5 System Administration Update

- **No**
  - **Recommended**
    - Installation and administration of IBM WebSphere Portal 8.5
      - **WPL85** (Windows) Classroom (5 days)
      - **WPL95** (Linux) Classroom (5 days)
      - **WPP85** Self-paced virtual class (5 days)
  - **Certification test**
    - See certification Web site for test preparation
    - **Test C2210-421** IBM WebSphere Portal 8.5 System Administration Core A
    - **Test C2210-422** IBM WebSphere Portal 8.5 System Administration Core A
3 Additional resources

Supplemental resources
1 IBM WebSphere Portal and Web Content Management 8.5 Knowledge Center
2 WebSphere Application Server Network Deployment 8.5.5 Knowledge Center
3 IBM Greenhouse