



IBM Certified Administrator - Cloud Pak for Data v4.x



Online Course

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Course Modules

1.Planning

- Describe the multitenancy support with Cloud Pak for Data.
- Describe the tasks needed for pre-reqs for installation.
- Determine how many projects are needed to install Cloud Pak
- Explain the difference between online & air-gapped installation.
- Describe the deployment architecture.
- Define reasons for using node affinity.

2.Installation

- Perform a Cloud Pak for Data Installation.
- Installing services on top of Cloud Pak for Data Control Plane.
- Why & when custom security context constraints are needed.
- How to obtain the IBM Entitlement key used for the installation.
- Configure the Image registry.
- Explain how to uninstall Cloud Pak for Data.



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3. Upgrading

- Main process to upgrd the Ctrl Plane frm Versn 3.5 to Versn 4.x.
- The main process of upgrdg the Control Plane from Versn 4.0.x.

4. Security & Configuration

- Configure User Management.
- Describe the components & services that support audit logging.
- Describe the components of network security.

5. Cluster Administration

- Perform backup and restore procedures.
- Describe options to achieve high availability.
- Perform Storage administration.
- The steps to manage Cloud Pak for Data cluster resources.



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6. Platform Administration

- Explain the usage of bearer token.
- Integrate with external data sources.
- Explain and configure routes for Cloud Pak for Data.
- Explain the options available to customize the platform.
- Explain how to manage the platform using the WEB UI.
- Explain the administrative function available using CLI.
- Explain the administrative function available using REST API.
- Perform steps to provision service instances.
- Manage Deployment spaces using the Cloud Pak for Data UI.

7. Troubleshooting and Monitoring

- Monitor the platform using Cloud Pak for Data UI.
- Run diagnostics jobs.
- Troubleshooting based on working knowledge on OpenShift & Cloud Pak
- Configure alerting
- Explain how to use cpd-cli.
- Troubleshoot the platform.

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in terms of time management,
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