IBM Certified Solution Architect - Cloud Pak for Integration v2021.4
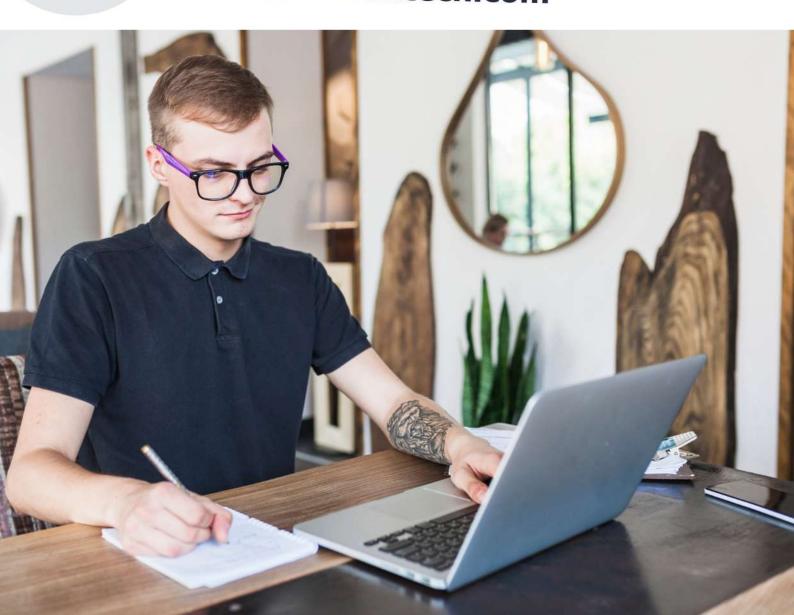
Online Course

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Course Modules

1. Cloud Pak for Integration Overview
- Describe the benefits and capabilities of IBM Cloud Paks
- Understand the benefits and capabilities of IBM Cloud Pak
- Articulate Cloud Pak for Integration scenarios
- Understand entitlements and subscriptions

2. Container Platform Architecture
- Understand supported platforms
- Supported public Cloud environments for IBM Cloud Pak
- Understand HA, DR, and Backup for Red Hat OpenShift

3. Planning, Scaling and Resiliency
- Understand the system requirements for an IBM Cloud Pak
- Plan for an installation of IBM Cloud Pak for Integration
- Highly available solution for IBM Cloud Pak for Integration
- Scale out the IBM Cloud Pak for Integration capabilities
- Design disaster recovery solution for each capability

4. Modernize Integrations
- Dfferentiate betwn traditional and agile integration architecture
- Design solns based on modern integratn reference architecture
- Constituent architectures based on the nature of integration
- Design secure Cloud Native solutions

5. Product Capabilities and use cases
- Demonstrate knowledge of Automation assets
- Demonstrate knowledge of Application Integration capabilities
- Demonstrate knowledge of creatng, securing, & managing APIs
- Demonstrate knowledge of Event driven interactions
- Demonstrate knowledge of Messaging capabilities
- Demonstrate knowledge of high-speed data transfer
- Demonstrate knowledge of secure gateways

6. Storage Considerations
- General understanding of OpenShift storage architecture
- Identify storage requirements for each Cloud Pak for Integratn
- Demonstrate knowledge of public Cloud storage solutions

7. Foundational Services

- The IBM Cloud Pak foundatnal services & Automation foundatn
- Understand Identity and Access Control Management provided
- The available monitoring capabilities provided by Foundational

8. Observability

- Platform logging capabilities for use with IBM Cloud Pak
- The platform monitoring capabilits for use with IBM Cloud Pak
- Demonstrate knowledge of Operations Dashboard

9. DevOps

- Undrstd the componts in the CI/CD toolchain & modrn DevOps
- Process for deploying Cloud Pak for Integration capabilities
- Use of supported CLI tools & managng IBM Cloud Pak for Integ

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