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| C:\ADM Solutions\General\Cognizant Academy Logo-2020\Cognizant Academy Logo-2020\RGB\Cognizant Academy Logo RGB-01.tif | **This Cognizant internal certification is designed to test and validate associates understanding of and familiarity in Microservices Creation & Spring Boot With Res Web Services Concepts.** |
| **ADM SPRING BOOT WITH MICROSERVICES SKILL BASED ASSESSMENT [301- Advanced]** |

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| **Pre-Requisites Knowledge** | **Exam Details :**  **Format :**   * 1 Case Study   **Duration :**   * 4 Hours   **Target Audience :**   * ADM Audience   Pass percentage- 60 %  **Competency :**   * 18503 -Microservices ,00006051 – Rest Web Services, 00020572 – Spring Boot   **Assessment Mode :**   * Non-Proctored   **neScope of the Assessment :**   * Eurekha Registry, Zuul Server, Feign Client ,Ribbon * Spring Boot initialization, Dependency Injection * REST Web Service architecture , HTTP Endpoint handling * cross origin, Errors and Exception Handling, * Building custom response using Response Entity * Validating input request using javax.validation * Logging, Lombak   **Exam Guidelines** |
| * Good knowledge in Java * Good to have some prior experience in Java projects |
| **Certification Outcome** |
| * At the end of Certification associate can be able to create Microservices * Use Spring Cloud features to build the Spring Boot Applications * Inject the beans through Spring Boot Annotations * Implement Rest MVC Architecture Concepts to handle Http Endpoints * Create Customized Entity Response object * setting POST request payload and invoking the REST service in Postman * Use Validator to validate the JSON inputs * Use Lombak instead of getters/setters in model |
| **Recommended Training to prepare for the exam** |
| * ADM – Microservices [Learning Pathway](https://onecognizant.cognizant.com/SAMLSSO/AuthServices/SignIn?ReturnUrl=%2FHome%3FGlobalAppID%3D1738%26URL%3Dhttps%3A%2F%2Fonecognizantazrapps.cognizant.com%2F1738%2FMLSApp%2Fviewpathway%3Fpage%3DAll%20Learning%20Paths|90593978|PathwayImage6.jpg) |