**ADM WEB API SKILL BASED ASSESSMENT [201-INTERMEDIATE] [LAB\_ATHNT272250]**

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| **Course Overview**: This assessment assess the associates knowledge through the case study development in Web API skills.  **About the Test:**  **Test Duration**: 240 mins for Case Study  **Pass Percentage**: 60%  **Target Audience**: Cognizant Internal Audience  **Topics Coverage:**   |  |  | | --- | --- | | Sl. No. | Topics Covered | |  | WEB API initialization | |  | - Dependency Injection | |  | REST Web Service architecture with Controller, Service and  service methods, invoking service using http client in Asp MVC | |  | HTTP method types (GET, POST, PUT, DELETE), and concepts of controllers, action and models | |  | Web API Routing | |  | Action return type | |  | Data format | |  | Web API Filters | |  | Consume Web API | |  | POST request payload and invoking the REST service in Postman | |  | Validation using data annotation with models | |  | Postman API Platform Tool |   HCM Competency to be achieved after completing the assessment:  ASP.NET WEB API – 7938    Mandatory Prerequisites:  297044 - Learn WCF And Web APIs From Scratch  Reference Materials:  Orientation Decks are available in the below link which has the assessment structure, scope and the sample case study.  [Web API](https://cognizantonline.sharepoint.com/sites/Academy-cms/LS/MLCV-2022-3024/MLCV-2022-3024-ADM-DOT-NET-SKILL-BASED-ASSESSMENT.mp4) Demo link  MLS Learning pathways link:   |  | | --- | | Program Name | | [Asp.Net Web API](https://onecognizant.cognizant.com/Home?GlobalAppID=1738&URL=https://onecognizantazrapps.cognizant.com/1738/MLSApp/viewpathway?page=All%20Learning%20Paths|90653414|PathwayImage6.jpg) |  |  |  | | --- | --- | | Course Code | Course Name | | CTHNT046540 | Dotnet On demand technology practice lab for FSE | | *297044* | *Learn WCF And Web APIs From Scratch* | | *876544* | *.NET 5 Web API & Entity Framework Crash Course;* | | *1922984* | *.NET Core 3.1 Web API & Entity Framework Core Jumpstart* |   Click [here](https://COGNIZANTLEARNING.sumtotal.host/core/pillarRedirect?relyingParty=LM&url=app%2Fmanagement%2FLMS_ActDetails.aspx%3FActivityId%3D1851839%26UserMode%3D0) to enroll for the below program from Cognizant Learn.  Enablement program has the below main components   * Program Manual – Helps you to understand the various sections of the program * Virtual Lab – Virtual Environment which helps you to practice the case studies * Practice/Mock Case study - A Mock Case Study helps to enable your Skill level   Note: It is highly recommended that you practice the practice case study before enrolling for the actual assessment |