



CISCO 350-901

Cisco DevNet Professional Certification Questions & Answers

Exam Summary – Syllabus – Questions

350-901

[Cisco Certified DevNet Professional](#)

90-110 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 120 minutes

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Know Your 350-901 Certification Well:

The 350-901 is best suitable for candidates who want to gain knowledge in the Cisco DevNet. Before you start your 350-901 preparation you may struggle to get all the crucial DevNet Professional materials like 350-901 syllabus, sample questions, study guide.

But don't worry the 350-901 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 350-901 syllabus?
- How many questions are there in the 350-901 exam?
- Which Practice test would help me to pass the 350-901 exam at the first attempt?

Passing the 350-901 exam makes you Cisco Certified DevNet Professional. Having the DevNet Professional certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Cisco 350-901 DevNet Professional Certification Details:

Exam Name	Developing Applications Using Cisco Core Platforms and APIs
Exam Code	350-901
Exam Price	\$400 USD
Duration	120 minutes
Number of Questions	90-110
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Developing Applications Using Cisco Core Platforms and APIs (DEVCOR)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 350-901 Sample Questions
Practice Exam	Cisco Certified DevNet Professional Practice Test

350-901 Syllabus:

Section	Weight	Objectives
Software Development and Design	20%	<ol style="list-style-type: none"> 1. Describe distributed applications related to the concepts of front-end, back-end, and load balancing 2. Evaluate an application design considering scalability and modularity 3. Evaluate an application design considering high-availability and resiliency (including on-premises, hybrid, and cloud) 4. Evaluate an application design considering latency and rate limiting 5. Evaluate an application design and implementation considering maintainability 6. Evaluate an application design and implementation considering observability 7. Diagnose problems with an application given logs related to an event 8. Evaluate choice of database types with respect to application requirements (such as relational, document, graph, columnar, and Time Series) 9. Explain architectural patterns (monolithic, services oriented, microservices, and event driven) 10. Utilize advanced version control operations with Git <ul style="list-style-type: none"> • Merge a branch • Resolve conflicts • git reset • git checkout • git revert 11. Explain the concepts of release packaging and dependency management 12. Construct a sequence diagram that includes API calls
Using APIs	20%	<ol style="list-style-type: none"> 1. Implement robust REST API error handling for time outs and rate limits 2. Implement control flow of consumer code for unrecoverable REST API errors 3. Identify ways to optimize API usage through HTTP cache controls 4. Construct an application that consumes a REST API that supports pagination

Section	Weight	Objectives
		5. Describe the steps in the OAuth2 three-legged authorization code grant flow
Cisco Platforms	20%	<ol style="list-style-type: none"> 1. Construct API requests to implement chatops with Webex Teams API 2. Construct API requests to create and delete objects using Firepower device management (FDM) 3. Construct API requests using the Meraki platform to accomplish these tasks <ul style="list-style-type: none"> • Use Meraki Dashboard APIs to enable an SSID • Use Meraki location APIs to retrieve location data 4. Construct API calls to retrieve data from Intersight 5. Construct a Python script using the UCS APIs to provision a new UCS server given a template 6. Construct a Python script using the Cisco DNA center APIs to retrieve and display wireless health information 7. Describe the capabilities of AppDynamics when instrumenting an application 8. Describe steps to build a custom dashboard to present data collected from Cisco APIs
Application Deployment and Security	20%	<ol style="list-style-type: none"> 1. Diagnose a CI/CD pipeline failure (such as missing dependency, incompatible versions of components, and failed tests) 2. Integrate an application into a prebuilt CD environment leveraging Docker and Kubernetes 3. Describe the benefits of continuous testing and static code analysis in a CI pipeline 4. Utilize Docker to containerize an application 5. Describe the tenets of the "12-factor app" 6. Describe an effective logging strategy for an application 7. Explain data privacy concerns related to storage and transmission of data 8. Identify the secret storage approach relevant to a given scenario 9. Configure application specific SSL certificates 10. Implement mitigation strategies for OWASP threats (such as XSS, CSRF, and SQL injection) 11. Describe how end-to-end encryption principles apply to APIs
Infrastructure and Automation	20%	<ol style="list-style-type: none"> 1. Explain considerations of model-driven telemetry (including data consumption and data storage) 2. Utilize RESTCONF to configure a network device

Section	Weight	Objectives
		including interfaces, static routes, and VLANs (IOS XE only) 3. Construct a workflow to configure network parameters with: <ul style="list-style-type: none"> • Ansible playbook • Puppet manifest 4. Identify a configuration management solution to achieve technical and business requirements 5. Describe how to host an application on a network device (including Catalyst 9000 and Cisco IOx-enabled devices)

Cisco 350-901 Sample Questions:

Question: 1

Where should distributed load balancing occur in a horizontally scalable architecture?

- a) firewall-side/policy load balancing
- b) network-side/central load balancing
- c) service-side/remote load balancing
- d) client-side/local load balancing

Answer: b

Question: 2

The UCS Python SDK includes modules for Service Profile template creation. Which two UCS Service Profile template types are supported?

(Choose two.)

- a) initial-template
- b) updating-template
- c) abstract-template
- d) attached-template
- e) base-template

Answer: a, b

Question: 3

While developing an application following the 12-factor app methodology, which approach should be used in the application for logging?

- a) Write a log to a file in the application directory.
- b) Write a log to a file in /var/log.
- c) Write the logs buffered to stdout.
- d) Write the logs unbuffered to stdout.

Answer: d**Question: 4**

On a Cisco Catalyst 9300 Series Switch, the guest shell is being used to create a service within a container. Which change is needed to allow the service to have external access?

- a) Apply ip nat overload on VirtualPortGroup0.
- b) Apply ip nat inside on Interface VirtualPortGroup0.
- c) Apply ip nat outside on Interface VirtualPortGroup0.
- d) Apply ip nat inside on Interface GigabitEthernet1.

Answer: b**Question: 5**

What is submitted when an SSL certificate is requested?

- a) PEM
- b) CRT
- c) DER
- d) CSR

Answer: d**Question: 6**

Into which two areas are AppDynamics APIs categorized? (Choose two.)

- a) application-centric
- b) analytics-events
- c) database-visibility
- d) platform-side
- e) agent-side

Answer: d, e**Question: 7**

A user is receiving a 429 Too Many Requests error. Which scheme is the server employing that causes this error?

- a) rate limiting
- b) time outs
- c) caching
- d) redirection

Answer: a**Question: 8**

The response from a server includes the header ETag:
W/"7eb8b94419e371767916ef13e0d6e63d". Which statement is true?

- a) The ETag has a Strong validator directive.
- b) The ETag has a Weak validator directive, which is an optional directive.
- c) The ETag has a Weak validator directive, which is a mandatory directive.
- d) The ETag has a Strong validator directive, which it is incorrectly formatted.

Answer: b**Question: 9**

Which two statements are considered best practices according to the 12-factor app methodology for application design? (Choose two.)

- a) Application code writes its event stream to stdout.
- b) Application log streams are archived in multiple replicated databases.
- c) Application log streams are sent to log indexing and analysis systems.
- d) Application code writes its event stream to specific log files.
- e) Log files are aggregated into a single file on individual nodes.

Answer: a, c

Question: 10

How should a web application be designed to work on a platform where up to 1000 requests per second can be served?

- a) Use algorithms like random early detection to deny excessive requests
- b) Set a per-user limit (for example, 5 requests/minute/user) and deny the requests from the users who have reached the limit
- c) Only 1000 user connections are allowed; further connections are denied so that all connected users can be served
- d) All requests are saved and processed one by one so that all users can be served eventually

Answer: d

Study Guide to Crack Cisco DevNet Professional 350-901 Exam:

- Getting details of the 350-901 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 350-901 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Cisco provided training for 350-901 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 350-901 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 350-901 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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