

# CISCO 350-901

Cisco DevNet Professional Certification Questions &  
Answers

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**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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## Discover More about the 350-901 Certification

Are you interested in passing the Cisco 350-901 exam? First discover, who benefits from the 350-901 certification. The 350-901 is suitable for a candidate if he wants to learn about DevNet. Passing the 350-901 exam earns you the Cisco Certified DevNet Professional title.

While preparing for the 350-901 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 350-901 PDF contains some of the most valuable preparation tips and the details and instant access to useful [350-901 study materials just at one click](#).

## Cisco 350-901 DevNet Professional Certification

### Details:

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

### 350-901 Syllabus:

Section	Weight	Objectives
Software Development and Design	20%	<ol style="list-style-type: none"> <li>1. Describe distributed applications related to the concepts of front-end, back-end, and load balancing</li> <li>2. Evaluate an application design considering scalability and modularity</li> <li>3. Evaluate an application design considering high-availability and resiliency (including on-premises, hybrid, and cloud)</li> <li>4. Evaluate an application design considering</li> </ol>

Section	Weight	Objectives
		<p>latency and rate limiting</p> <p>5. Evaluate an application design and implementation considering maintainability</p> <p>6. Evaluate an application design and implementation considering observability</p> <p>7. Diagnose problems with an application given logs related to an event</p> <p>8. Evaluate choice of database types with respect to application requirements (such as relational, document, graph, columnar, and Time Series)</p> <p>9. Explain architectural patterns (monolithic, services oriented, microservices, and event driven)</p> <p>10. Utilize advanced version control operations with Git</p> <ul style="list-style-type: none"> <li>• Merge a branch</li> <li>• Resolve conflicts</li> <li>• git reset</li> <li>• git checkout</li> <li>• git revert</li> </ul> <p>11. Explain the concepts of release packaging and dependency management</p> <p>12. Construct a sequence diagram that includes API calls</p>
Using APIs	20%	<p>1. Implement robust REST API error handling for time outs and rate limits</p> <p>2. Implement control flow of consumer code for unrecoverable REST API errors</p> <p>3. Identify ways to optimize API usage through HTTP cache controls</p> <p>4. Construct an application that consumes a REST API that supports pagination</p> <p>5. Describe the steps in the OAuth2 three-legged authorization code grant flow</p>
Cisco Platforms	20%	<p>1. Construct API requests to implement chatops with Webex Teams API</p> <p>2. Construct API requests to create and delete objects using Firepower device management (FDM)</p> <p>3. Construct API requests using the Meraki platform to accomplish these tasks</p>

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

Section	Weight	Objectives
		<ul style="list-style-type: none"> <li>• Ansible playbook</li> <li>• Puppet manifest</li> </ul> <p>4. Identify a configuration management solution to achieve technical and business requirements</p> <p>5. Describe how to host an application on a network device (including Catalyst 9000 and Cisco IOx-enabled devices)</p>

## Broaden Your Knowledge with Cisco 350-901 Sample Questions:

### Question: 1

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: 2

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: 3**

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: 4**

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: d****Question: 5**

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: 6**

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: 7**

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: b****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**

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: 10**

What is submitted when an SSL certificate is requested?

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

**Answer: d**

## Avail the Study Guide to Pass Cisco 350-901 DevNet Professional Exam:

- Find out about the 350-901 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [350-901 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 350-901 training. Joining the Cisco provided training for 350-901 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [350-901 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 350-901 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

## Career Benefits:

Passing the 350-901 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

## Here Is the Trusted Practice Test for the 350-901 Certification

NWExam.com is here with all the necessary details regarding the 350-901 exam. We provide authentic practice tests for the 350-901 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on NWExam.com for rigorous, unlimited two-month attempts on the [350-901 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Cisco Certified DevNet Professional.

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