

# Cisco 300-445 Practice Exams for Thorough Preparation (Desktop/Online/PDF)



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## New Cisco 300-445 Brindumps Sheet, 300-445 Reliable Test Camp

According to different kinds of questionnaires based on study condition among different age groups, we have drawn a conclusion that the majority learners have the same problems to a large extent, that is low-efficiency, low-productivity, and lack of plan and periodicity. As a consequence of these problem, our 300-445 test prep is totally designed for these study groups to improve their capability and efficiency when preparing for Cisco exams, thus inspiring them obtain the targeted 300-445 certificate successfully. There are many advantages of our 300-445 question torrent that we are happy to introduce you and you can pass the exam for sure.

## Cisco 300-445 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Platforms and Architecture: This domain covers understanding monitoring agent types and placement, active versus passive monitoring, and ThousandEyes WAN Insights. It addresses Cisco platform integrations, metric baselines, and selecting appropriate integration methods and assurance platforms based on business requirements.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>• Insights and Alerts: This domain addresses configuring alert rules based on network conditions and end-user experience factors. It covers selecting metrics for stakeholders, validating alerts, and recommending network optimization for capacity planning.</li></ul>

Topic 3	<ul style="list-style-type: none"> <li>• <b>Data Analysis:</b> This domain encompasses diagnosing network issues like packet loss, congestion, routing and jitter, plus end-device problems. It includes analyzing web application performance and identifying security threats such as DDoS attacks, DNS hijacking, and BGP hijacking.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• <b>Data Collection Implementation:</b> This domain focuses on deploying enterprise and endpoint agents across infrastructure and end-user devices. It covers configuring network, DNS, voice, web, and endpoint tests using ThousandEyes and Meraki Insights, along with implementing synthetic web tests and authentication methods.</li> </ul>

## Cisco Designing and Implementing Enterprise Network Assurance Sample Questions (Q56-Q61):

### NEW QUESTION # 56

What optimization recommendation is commonly made for network capacity planning based on data interpretation?

- A. Protocol downgrades
- B. Hardware replacements
- C. Software updates
- **D. Topology changes**

**Answer: D**

Explanation:

Topology changes are commonly recommended for network capacity planning based on data interpretation to optimize network performance and address scalability requirements.

### NEW QUESTION # 57

According to RFC 7276, which monitoring approach is more likely to be used for compliance auditing in real-time environments?

- A. Passive monitoring
- **B. Active monitoring**
- C. Neither, as RFC 7276 does not discuss compliance auditing
- D. Both active and passive monitoring

**Answer: B**

### NEW QUESTION # 58

Enterprise agents installed on application servers primarily help in monitoring what aspect of network performance?

- **A. Application response time**
- B. Data breach attempts
- C. Server uptime
- D. Physical server security

**Answer: A**

### NEW QUESTION # 59

You want to create an endpoint label that automatically includes all Endpoint Agents connected to your corporate network. If your agents are named using the format agentname-network, what filter would you use in the hostname field to achieve this?

- **A. -corporate**
- B. agentname-
- C. There is no wildcard configuration available
- D. agent\*corporate

**Answer: A**

Explanation:

In the Designing and Implementing Enterprise Network Assurance (300-445 ENNA) framework, managing a large-scale deployment of Endpoint Agents requires efficient categorization through Agent Labels.

Agent labels are used to group agents for targeted test assignment and data filtering based on specific attributes like location, OS, or naming conventions.

ThousandEyes supports the use of wildcards (specifically the \* symbol) within label filters to allow for dynamic and scalable grouping. In this scenario, the organization has adopted a naming convention of agentname-network. To capture all agents connected to the "corporate" network regardless of the unique agentname prefix, the engineer should use the filter \*-corporate (Option A) in the hostname or agent name field. The asterisk functions as a placeholder for any string of characters, ensuring that any agent ending with "-corporate" is automatically added to the label as soon as it registers with the ThousandEyes platform.

Other options are incorrect for the following reasons:

\* agentname-\* (Option B): This would only match agents that literally start with the string "agentname-", which is a placeholder and not a representative filter for a group of uniquely named agents.

\* agent\*corporate (Option C): This filter is overly broad and lacks the specific hyphen delimiter used in the organization's naming convention, potentially leading to the inclusion of unintended agents.

\* No wildcard (Option D): Wildcards are a documented and essential feature of the ThousandEyes label system to facilitate automated management in enterprise environments.

By implementing wildcard-based labels, the network administrator ensures that new agents are seamlessly integrated into the assurance strategy without the need for manual intervention.

#### NEW QUESTION # 60

The network team has deployed Webex RoomOS Endpoint Agents and integrated Webex Control Hub with ThousandEyes. The VoIP team wants to know which metrics they can collect from the Webex Control Hub view. Where does the VoIP team find the network data?

- A. Users
- B. Devices
- **C. Network Path**
- D. Settings

**Answer: C**

Explanation:

According to the Designing and Implementing Enterprise Network Assurance (300-445 ENNA) curriculum, the integration between ThousandEyes and Webex Control Hub provides a streamlined troubleshooting experience for collaboration services. For the VoIP team to access the specific ThousandEyes network telemetry—such as latency, loss, and jitter—they must navigate to the Network Path (Option B) section within the Troubleshooting tab of the Control Hub.<sup>15</sup> The Network Path visualization is a direct result of the ThousandEyes Endpoint Agent data being pulled into the Webex interface.<sup>16</sup> When a user or RoomOS device experiences poor audio or video quality during a meeting, the Control Hub's troubleshooting view displays a "Network Path" line under the participant's details.

<sup>17</sup>By clicking on this line, the VoIP team can see a hop-by-hop breakdown of the entire route from the collaboration device to the Webex media node. This view highlights specific hops where performance is "Poor" (red), "Fair" (yellow), or "Good" (green) based on predefined thresholds for latency (>400ms) or loss (>5%).

While "Devices" (Option A) is where the agents are activated, and "Users" (Option C) allows for selecting a specific participant, the actual telemetry metrics and the visualization of the network route are strictly located in the Network Path view. This integration eliminates the need for the VoIP team to leave the Webex environment for initial triage, as they can identify if a problem is local to the branch office or deep within a service provider's network directly from the "Network Path" dashboard.

#### NEW QUESTION # 61

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