CISCO 300-425

Cisco CCNP Enterprise Certification Questions & Answers

Exam Summary – Syllabus – Questions

300-425

Cisco Certified Network Professional Enterprise

55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 90 minutes

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Know Your 300-425 Certification Well:

The 300-425 is best suitable for candidates who want to gain knowledge in the Cisco Enterprise. Before you start your 300-425 preparation you may struggle to get all the crucial CCNP Enterprise materials like 300-425 syllabus, sample questions, study guide.

But don't worry the 300-425 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 300-425 syllabus?
- How many questions are there in the 300-425 exam?
- Which Practice test would help me to pass the 300-425 exam at the first attempt?

Passing the 300-425 exam makes you Cisco Certified Network Professional Enterprise. Having the CCNP Enterprise 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 300-425 CCNP Enterprise Certification Details:

Exam Name	Designing Cisco Enterprise Wireless Networks
Exam Code	300-425
Exam Price	$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	**Designing Cisco Enterprise Wireless Networks (ENWLSD)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 300-425 Sample Questions**
Practice Exam	**Cisco Certified Network Professional Enterprise Practice Test**

300-425 Syllabus:

Section	Weight	Objectives
Wireless Site Survey	25%	- Collect design requirements and evaluate constraints • Client density • Real time applications • AP type • Deployment type (data, location, voice, video) • Security - Describe material attenuation and its effect on wireless design - Perform and analyze a Layer 1 site survey - Perform a pre-deployment site survey - Perform a post deployment site survey - Perform a predictive site survey - Utilize planning tools and evaluate key network metrics (Ekahau, AirMagnet, PI, Chanalyzer, Spectrum Analyzer)
Wired and Wireless Infrastructure	30%	- Determine physical infrastructure requirements such as AP power, cabling, switch port capacity, mounting, and grounding - Determine logical infrastructure requirements such as WLC/AP licensing requirements based on the type of wireless architecture - Design radio management • RRM • RF profiles • RxSOP - Apply design requirements for these types of wireless networks • Data • Voice and video • Location • Hyperlocation - Design high-density wireless networks and their associated components (campus, lecture halls, conference

Section	Weight	Objectives
		rooms) - Design wireless bridging (mesh) • Modes of operation • Ethernet bridging • WGB and roaming
Mobility	25%	- Design mobility groups based on mobility roles - Optimize client roaming - Validate mobility tunneling for data and control path
WLAN High Availability	20%	- Design high availability for controllers • Network availability through LAG • Stateful Switchover (SSO) • Anchor controller priority and redundancy - Design high availability for APs • AP prioritization • Fall-back (assigning primary, secondary, and tertiary)

Cisco 300-425 Sample Questions:

Question: 1

When deploying higher throughput wireless technologies in Local mode, what design aspect must be considered related to possible oversubscription of the physical infrastructure?

    a) Uplink capabilities of the access switch should be considered.
    b) Physical connections between the access switch and AP should be considered.
    c) Performance of the backbone network connecting to the controller should be aligned with overall wireless performance demands.
    d) Performance capabilities of the controller should be considered.
    e) All of the above.

Answer: e

Question: 2

Which one of the following applications would be the most appropriate use for an AP model that has internal antennas?

    a) A location where a relatively wide coverage area is desired
    b) A location where coverage is needed toward one side of the AP
    c) A location where a patch antenna's pattern is required
    d) A location where an omnidirectional antenna is not desirable

Answer: a

Question: 3

The SNR is correctly measured according to which one of the following statements?

    a) The AP's transmit power level minus the noise floor
    b) The receiver's sensitivity level minus the noise floor
    c) The noise floor minus the AP's transmit power level
    d) The RSSI minus the noise floor

Answer: d

Question: 4

Your junior associate wants to start surveying a cubicle space in an office building. Where should the associate position the first AP to start the AP-on-a-stick survey?

- a) At the corner of the building floor
- b) At the geometric center of the floor
- c) At the center of one cubicle block
- d) Over the corridor between two cubicle blocks

Answer: a

Question: 5

A high-density area in a wireless design is determined by which one of the following things?

- a) More clients are using the 5GHz band than the 2.4GHz band.
- b) A small number of clients in an area are using high-bandwidth applications.
- c) A higher number of clients associate with each AP in an area.
- d) A higher amount of RF coverage is needed in an area.

Answer: c

Question: 6

What is the primary purpose of coverage in a hospital?

- a) Staff mobile devices
- b) Medical machines
- c) Patient and guest Wi-Fi
- d) All of the above
- e) Can't say without more information

Answer: e

Question: 7

During your Layer 1 sweep in an office building, you find RF traces near a desk showing low power as well as multiple spikes across the 2.4GHz band. Which transmitter is most likely to produce this pattern?

- a) A wireless security camera
- b) An old 802.11b access point
- c) A microwave oven

d) A Bluetooth headset

Answer: d

Question: 8

A single mobility group can have a maximum of how many controllers? (Choose one.)

a) 10
b) 24
c) 50
d) 72

Answer: b

Question: 9

You need to perform a site survey for voice and real-time application support. What is the correct way to proceed?

a) Perform a data site survey first. Then multiply the AP density by 1.3.
b) Perform a data site survey, using a phone to measure the AP signal.
c) Perform a voice survey, testing calls to evaluate each cell edge.
d) Perform a standard survey, using voice RF parameters.

Answer: d

Question: 10

How are wired clients connected to MAPs bridged through the mesh network?

a) They are encapsulated in CAPWAP and emerge on the configured VLAN on the controller.
b) Wired clients are not supported on a wireless mesh.
c) Wired traffic is not encapsulated in CAPWAP and is directed to the wired switch connected to the RAP.
d) Wired traffic is encapsulated in a special mesh frame header that is handled by the controller and then switched to the matching VLAN.

Answer: d

Study Guide to Crack Cisco CCNP Enterprise 300-425 Exam:

- Getting details of the 300-425 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 300-425 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 300-425 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 300-425 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 300-425 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 300-425 Certification

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