

# CISCO 500-490

Cisco Designing Cisco Enterprise Networks Certification  
Questions & Answers

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**500-490**

**[Advanced Enterprise Networks Architecture](#)**

**[Specialization](#)**

**30-40 Questions Exam – Variable (750-850 / 1000**

**Approx.) Cut Score – Duration of 60 minutes**



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## Discover More about the 500-490 Certification

Are you interested in passing the Cisco 500-490 exam? First discover, who benefits from the 500-490 certification. The 500-490 is suitable for a candidate if he wants to learn about Channel Partner and Other. Passing the 500-490 exam earns you the Advanced Enterprise Networks Architecture Specialization title.

While preparing for the 500-490 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 500-490 PDF contains some of the most valuable preparation tips and the details and instant access to useful [500-490 study materials just at one click](#).

## Cisco 500-490 Designing Cisco Enterprise Networks Certification Details:

Exam Name	Designing Cisco Enterprise Networks
Exam Number	500-490 ENDESIGN
Exam Price	\$300 USD
Duration	60 minutes
Number of Questions	30-40
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	<a href="#">Cisco SalesConnect</a>
Exam Registration	<a href="#">PEARSON VUE</a>
Sample Questions	<a href="#">Cisco 500-490 Sample Questions</a>
Practice Exam	<a href="#">Advanced Enterprise Networks Architecture Specialization Practice Test</a>

## 500-490 Syllabus:

Section	Weight	Objectives
SD-Access Discovery	6%	<ul style="list-style-type: none"> <li>- Define Discovery</li> <li>- Describe Software Defined Access</li> <li>- Describe trends, challenges, benefits, and key capabilities</li> <li>- Describe discovery (use case) - Buying triggers and insights</li> </ul>
SD-Access Design	12%	<ul style="list-style-type: none"> <li>- High Level Design Considerations of Software Defined Access (SDA)</li> <li>- Describe where DNA center meets campus fabric</li> </ul>

Section	Weight	Objectives
		<ul style="list-style-type: none"> <li>- Describe High level branch design</li> <li>- Describe High level migration considerations</li> <li>- Describe High Level DC policy integration</li> </ul>
SDA Demonstration	8%	<ul style="list-style-type: none"> <li>- Describe SDA Assurance Demonstration of Capability - Assurance</li> </ul>
SDA Defend	8%	<ul style="list-style-type: none"> <li>- Describe Competitive of Software Defined Access</li> <li>- Describe Closing of Software Defined Access</li> <li>- Describe Product of Software Defined Access</li> <li>- Describe Caveats of Software Defined Access</li> <li>- Describe Roadmap of Software Defined Access</li> <li>- Describe "What to Sell" of Software Defined Access</li> <li>- Describe team exercises of Software Defined Access</li> </ul>
SD-WAN: Discover	8%	<ul style="list-style-type: none"> <li>- Describe 4D On-Demand Training</li> <li>- Describe customer discovery (use case, buying triggers)</li> <li>- Describe trends, challenges, benefits, and key capabilities</li> <li>- Describe 4D Engagement</li> </ul>
SD-WAN: Design	12%	<ul style="list-style-type: none"> <li>- Describe high level design considerations</li> <li>- Describe solution-architecture</li> <li>- Describe reinventing WAN security</li> <li>- Describe reinventing WAN connectivity</li> <li>- Describe reinventing WAN application services</li> <li>- Describe reinventing WAN operations</li> <li>- Describe design use cases - video</li> </ul>
SD-WAN: Demonstration	12%	<ul style="list-style-type: none"> <li>- Describe demonstration of capability</li> <li>- Describe products</li> <li>- Describe licensing and software</li> <li>- Describe caveats</li> <li>- Describe "What to Sell"</li> <li>- Describe team exercises</li> <li>- Describe SD-WAN: Closing-Partner</li> </ul>
ISE: Discover	6%	<ul style="list-style-type: none"> <li>- Introduce ISE</li> <li>- Describe trends, challenges, benefits, and capabilities</li> <li>- Describe discovery (use case) - Buying triggers and insights</li> </ul>
ISE: Design	12%	<ul style="list-style-type: none"> <li>- Describe an overview of solutions and architecture</li> <li>- Describe ISE fundamentals</li> <li>- Describe Feature: Access Control</li> <li>- Describe Feature: Visibility - Profiling</li> <li>- Describe Feature: Guest Access</li> </ul>

Section	Weight	Objectives
		- Describe Feature: BYOD - Describe Feature: TrustSec - Describe high level design considerations
ISE: Demonstration	6%	- Describe Demo and POV - Describe products, software, and licensing - Describe ISE - Caveats - Describe roadmap - ISE, TrustSec, SDA Policy
ISE: Defend	12%	- Describe ISE competitive - Describe ISE "What to Sell"

## Broaden Your Knowledge with Cisco 500-490 Sample Questions:

### Question: 1

Which are the three focus areas for reinventing the WAN?

(Choose three.)

- a) Secure Elastic Connectivity
- b) Operations
- c) Cloud First
- d) Execution
- e) Centralized device authentication
- f) Application Quality of Experience

**Answer: a, c, f**

### Question: 2

Which two statements regarding Cisco SD-WAN vEdge routers can mitigate DoS attacks against the infrastructure?

(Choose two.)

- a) Open Certificate Authority and automated enrollment feature.
- b) By default, all incoming traffic is denied at the transport (WAN) side interfaces.
- c) Only authorized controllers are allowed to communicate back to the vEdge router after the vEdge router establishes connections with the controllers.
- d) In case of direct Internet access, the only traffic allowed back is the traffic matching the state table entries on the vEdge router.
- e) The vEdge routers run on hardened Linux operating systems.

**Answer: c, e**

**Question: 3**

Which two primary categories are displayed on the overall health page of the assurance component in the Cisco DNA Center? (Choose two.)

- a) Wired
- b) Client
- c) Access-Distribution
- d) Server
- e) Core
- f) Network

**Answer: b, f**

**Question: 4**

Which are two Cisco ISE that benefits our customers? (Choose two.)

- a) helps them stop and contain real-time threats
- b) provides network access control
- c) helps them accelerate application deployment and delivery
- d) enables them to set traffic priorities across the network

**Answer: a, b**

**Question: 5**

What statement is true regarding the current time in Enterprise Networking history?

- a) advent of cloud computing
- b) pace of change
- c) pervasive use of mobile devices
- d) advent of IoT

**Answer: d**

**Question: 6**

How would Cisco ISE handle authentication for your printer that does not have a supplicant?

- a) ISE would authenticate the printer using MAB.
- b) ISE would not authenticate the printer as printers are not subject to ISE authentication.
- c) ISE would authenticate the printer using web authentication.
- d) ISE would authenticate the printer using MAC RADIUS authentication.
- e) ISE would authenticate the printer using 802.1X authentication.

**Answer: a**

**Question: 7**

What are the three foundational elements required for the new operational paradigm? (Choose three.)

- a) policy-based automated provisioning of network
- b) fabric
- c) centralization
- d) multiple technologies at multiple OSI layers
- e) application QoS
- f) assurance

**Answer: a, b, f**

**Question: 8**

Which are two Cisco recommendations that demonstrates SDA? (Choose two.)

- a) Focus on business benefits.
- b) Show the customer how to integrate ISE into DNA Center at the end of the demo.
- c) Be sure you explain the major technologies such as VXLAN and LISP in depth.
- d) Use the CLI to perform as much of the configuration as possible.
- e) Keep the demo at a high level.

**Answer: a, e**

**Question: 9**

What is the easiest way to enable SD-Access for all your remote sites after you have your campus SD-Access fabric up and running?

- a) Treat all sites as one fabric domain and use the traditional physical network as the underlay.
- b) Use a separate fabric domain for each site and use SD-WAN as the underlay.
- c) Use a separate fabric domain for each site and use the traditional physical network as the underlay.
- d) Treat all the sites as one fabric domain and use SD-WAN as the underlay.

**Answer: d**

**Question: 10**

Which two options help you sell Cisco ISE? (Choose two.)

- a) Discussing the importance of custom profiling
- b) Referring to TrustSec as being only supported on Cisco networks
- c) Showcasing the entire ISE feature set
- d) Downplaying the value of pxGrid as compared to RESTful APIs
- e) Explaining ISE support for 3rd party network devices

**Answer: c, e**

## Avail the Study Guide to Pass Cisco 500-490 Designing Cisco Enterprise Networks Exam:

- Find out about the 500-490 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 [500-490 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 500-490 training. Joining the Cisco provided training for 500-490 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 [500-490 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 500-490 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 500-490 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 500-490 Certification

NWExam.com is here with all the necessary details regarding the 500-490 exam. We provide authentic practice tests for the 500-490 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 [500-490 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Advanced Enterprise Networks Architecture Specialization.

**Start online practice of 500-490 Exam by visiting URL**

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