



# CISCO 500-210

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**Cisco SP Optical Technology Field Engineer Representative  
Certification Questions & Answers**

**Exam Summary – Syllabus – Questions**

**500-210**

**[Cisco Service Provider Optical Technology Specialization](#)**

**45-55 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 75  
minutes**

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## Know Your 500-210 Certification Well:

The 500-210 is best suitable for candidates who want to gain knowledge in the Cisco Channel Partner and Other. Before you start your 500-210 preparation you may struggle to get all the crucial SP Optical Technology Field Engineer Representative materials like 500-210 syllabus, sample questions, study guide.

But don't worry the 500-210 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 500-210 syllabus?
- How many questions are there in the 500-210 exam?
- Which Practice test would help me to pass the 500-210 exam at the first attempt?

Passing the 500-210 exam makes you Cisco Service Provider Optical Technology Specialization. Having the SP Optical Technology Field Engineer Representative 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 500-210 SP Optical Technology Field Engineer Representative Certification Details:

<b>Exam Name</b>	Cisco SP Optical Technology Field Engineer Representative
<b>Exam Code</b>	500-210
<b>Exam Price</b>	\$300 USD
<b>Duration</b>	75 minutes
<b>Number of Questions</b>	45-55
<b>Passing Score</b>	Variable (750-850 / 1000 Approx.)
<b>Recommended Training</b>	SP Optical Technology Field Engineer Representative
<b>Exam Registration</b>	<a href="#">PEARSON VUE</a>
<b>Sample Questions</b>	<a href="#">Cisco 500-210 Sample Questions</a>

<b>Practice Exam</b>	<b>Cisco Service Provider Optical Technology Specialization Practice Test</b>
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## 500-210 Syllabus:

Section	Weight	Objectives
Fundamentals	10%	<ul style="list-style-type: none"> <li>- Product fundamentals</li> <li>- DWDM fundamentals</li> <li>- Optical networking safety</li> <li>- Optical fiber</li> <li>- Shelf layout and software</li> <li>- Documentation</li> </ul>
Basic Operation, Installation, and Turn-Up	30%	<ul style="list-style-type: none"> <li>- Cisco Transport Controller</li> <li>- Cisco Transport Planner</li> <li>- NCS 2002 and 2006 installation</li> <li>- Multi-shelf fundamentals</li> <li>- Node turn-up</li> </ul>
Transponder, Muxponder, and Circuit Provisioning	30%	<ul style="list-style-type: none"> <li>- Optical channel network connections</li> <li>- Transponder and optical channel client connections</li> <li>- 10G muxponder and transponder</li> <li>- Wire speed encryption</li> <li>- 100G transponder and muxponders</li> </ul>
nLight ROADM Configuration	30%	<ul style="list-style-type: none"> <li>- ROADM introduction and hardware</li> <li>- Two-degree ROADM</li> <li>- Colorless ports</li> <li>- Mesh nodes</li> <li>- Omni-directional Add/Drop</li> <li>- Supported ROADM configurations</li> </ul>

## Cisco 500-210 Sample Questions:

Question: 1

In Cisco Transport Planner, which report do you reference to determine which wavelengths are used in which portions of the network?

- a) Traffic Matrix
- b) Link Availability
- c) Wavelength Routing
- d) Internal Connections

**Answer: c**

**Question: 2**

For which three functions are passive module USB ports used?

(Choose three.)

- a) optical power monitoring
- b) wavelength provisioning
- c) port security
- d) lamp lighting for locating
- e) serial number for inventory
- f) cell phone charging

**Answer: a, d, e**

**Question: 3**

Where within Cisco Transport Controller can the user view the software release level for all nodes in the network?

- a) Shelf > Maintenance > Software
- b) Network > Maintenance > Software
- c) Node > Maintenance > Software
- d) Shelf > Maintenance > Wavelength Power

**Answer: b**

**Question: 4**

Which three platforms does Cisco Transport Controller manage?

(Choose three.)

- a) NCS 4000
- b) ONS 15454 MSTP
- c) NCS 6000
- d) NCS 2000
- e) ASR 9000
- f) CRS

**Answer: a, b, d**

**Question: 5**

Which two options are the two modes of operation for the 10 port SFP+ line card? (Choose two.)

- a) wire speed encryption
- b) 10 x 10G muxponder client for 100G line card
- c) 5 x 10G transponder
- d) dispersion compensation

**Answer: b, c**

**Question: 6**

During Automatic Node Setup, if cards are not already installed, what will the setup tool do during slot setup?

- a) abort the procedure and restart
- b) skip over the empty slots and proceed to the next step
- c) return an error message, disconnect, and restart
- d) preprovision the slots with the appropriate card

**Answer: d**

**Question: 7**

How many 100G transponders are supported in the NCS 2006 chassis?

- a) 3
- b) 4
- c) 6
- d) 8

**Answer: c**

**Question: 8**

What does the Functional View show in Cisco Transport Controller?

- a) fiber interconnections between cards and nodes
- b) slot assignments of line cards in the chassis
- c) power levels of each wavelength
- d) wavelength routing through the network

**Answer: a**

**Question: 9**

Which two characteristics of the NCS 2000 describe add/drop and express patch panels?

(Choose two.)

- a) passive
- b) coherent
- c) modular
- d) high power

**Answer: a, c**

**Question: 10**

Between which types of endpoint are optical channel client connections made?

- a) wavelength add/drop ports
- b) transponder client ports
- c) transponder trunk ports
- d) optical service channel ports

**Answer: d**

## Study Guide to Crack Cisco SP Optical Technology Field Engineer Representative 500-210 Exam:

- Getting details of the 500-210 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 500-210 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 500-210 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 500-210 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 500-210 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for 500-210 Certification

Make NWExam.com your best friend during your Cisco SP Optical Technology Field Engineer Representative exam preparation. We provide authentic practice tests for the 500-210 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 500-210 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 500-210 exam.

**Start online practice of 500-210 Exam by visiting URL**

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