

Huawei H31-311

**Huawei HCIA-Transmission Certification Questions
& Answers**

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H31-311

[Huawei Certified ICT Associate - Transmission](#)

60 Questions Exam – 600/1000 Cut Score – Duration of 90 minutes

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Discover More about the Huawei H31-311 Certification

Are you interested in passing the Huawei H31-311 exam? First discover, who benefits from the H31-311 certification. The H31-311 is suitable for a candidate if he wants to learn about ICT Infrastructure. Passing the H31-311 exam earns you the Huawei Certified ICT Associate - Transmission title.

While preparing for the H31-311 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The H31-311 PDF contains some of the most valuable preparation tips and the details and instant access to useful [H31-311 study materials just at one click.](#)

Huawei H31-311 HCIA-Transmission Certification Details:

Exam Name	Huawei Certified ICT Associate - Transmission
Exam Code	H31-311
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	600/1000
Books / Training	HCIA-Transmission V2.5 Training Material
Schedule Exam	Pearson VUE
Sample Questions	Huawei HCIA-Transmission Sample Questions
Practice Exam	Huawei H31-311 Certification Practice Exam

Huawei H31-311 Syllabus:

Topic	Details	Weights
Transmission Network Overview	<ul style="list-style-type: none">- Basic Concepts of Transmission Networks- Transmission Network Technologies- Huawei Transmission Network Solutions	10%
SDH Principles	<ul style="list-style-type: none">- SDH Overview- SDH Frame Structure and Multiplexing Procedure- Overheads and Pointers	15%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Logical Functional Modules - Application of SDH Trail Layers and Overheads - PCM Technology 	
Transmission Network Products	<ul style="list-style-type: none"> - Product Overview - Cabinets and Subracks - Boards 	10%
Introduction to NCE-T	<ul style="list-style-type: none"> - System Architecture of NCE-T - Basic Functions of NCE-T - Key Features of NCE-T 	5%
Introduction to Ethernet Principles and Services	<ul style="list-style-type: none"> - Ethernet Principles - Ethernet Services 	10%
WDM Principles	<ul style="list-style-type: none"> - System Overview - WDM Transmission Media - Key Technologies of WDM 	15%
NG WDM Equipment Networking and Applications	<ul style="list-style-type: none"> - Network Layers and System Architecture - Site Types - Basic Networking Elements 	10%
OTN Protocol	<ul style="list-style-type: none"> - OTN Overview - OTN Interface Structures and Multiplexing/Mapping Principles - OTN Frame Structure - Frame Structure and Meaning of OTN Electrical-Layer Overheads - Evolution to Liquid OTN 	10%
Transmission Network Protection Principles	<ul style="list-style-type: none"> - Basics - Device-Level Protection - Network-Level Protection 	15%

Broaden Your Knowledge with Huawei H31-311 Sample Questions:

Question: 1

What are the key features of Ethernet? (Choose 3)

- a) Collision detection
- b) Packet switching
- c) High data rates
- d) Circuit switching

Answer: a, b, c

Question: 2

In WDM systems, what role do dispersion compensators play?

- a) They convert electrical signals into optical signals.
- b) They compensate for signal loss over long distances.
- c) They correct for signal spreading caused by chromatic dispersion.
- d) They split the optical signal into its component wavelengths.

Answer: c

Question: 3

Which are components of OTN overhead?

(Choose 2)

- a) Forward error correction (FEC)
- b) Payload type identifier
- c) Wavelength identifier
- d) Voltage level indicator

Answer: a, b

Question: 4

How does the use of Reconfigurable Optical Add-Drop Multiplexer (ROADM) technology benefit NG WDM networks?

- a) By limiting the network to predefined wavelengths
- b) By allowing dynamic reconfiguration of wavelengths without interrupting the network
- c) By reducing the overall bandwidth of the network
- d) By exclusively managing electrical signal conversions

Answer: b

Question: 5

Which are key features of OTN interface structures?

(Choose 2)

- a) Support for a wide range of client signals
- b) Use of electrical signals only
- c) Dynamic bandwidth allocation
- d) Standardized frame structures

Answer: a, d

Question: 6

What are the key layers in the NG WDM network architecture?

- a) Physical, Data Link, and Network
- b) Application, Presentation, and Session
- c) Optical Transport Network (OTN), Multiprotocol Label Switching (MPLS), and Application
- d) Physical, MPLS, and Application

Answer: c

Question: 7

In the context of transmission network products, what is the purpose of interface boards?

- a) To serve as the primary power supply unit
- b) To facilitate user access to the network
- c) To connect the transmission equipment to network cables
- d) To manage the cooling system within the equipment

Answer: c

Question: 8

When evaluating transmission network boards, what factor is critical for compatibility?

- a) Color and design of the board
- b) The manufacturer of the adjacent equipment
- c) The weight of the board
- d) The type of connectors and supported protocols

Answer: d

Question: 9

The function of a Data Center in NG WDM networks is primarily to?

- a) Host customer-specific equipment only
- b) Act as a transit site for all passing signals
- c) Function exclusively as an internet exchange point
- d) Serve as a hub for data storage, processing, and distribution

Answer: d

Question: 10

How does Forward Error Correction (FEC) benefit WDM optical networks?

- a) By reducing the optical signal power
- b) By enhancing signal-to-noise ratio (SNR)
- c) By decreasing the network's operational costs
- d) By improving the bit error rate (BER) performance

Answer: d

Avail the Study Guide to Pass Huawei H31-311 HCIA-Transmission Exam:

- Find out about the H31-311 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 [Huawei H31-311 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 [HCIA-Transmission training](#). Joining the Huawei provided training for this Huawei certification 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 [Huawei H31-311 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. H31-311 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 Huawei H31-311 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 Huawei H31-311 Certification

CertFun.Com is here with all the necessary details regarding the H31-311 exam. We provide authentic practice tests for the H31-311 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 CertFun.Com for rigorous, unlimited two-month attempts on the [H31-311 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Huawei Certified ICT Associate - Transmission.

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