



# HUAWEI

## Exam Questions H19-301

Huawei Certified Pre-sales Specialist - IP Network (Datacom)

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#### NEW QUESTION 1

For device-level protection, NE routers provide redundancy backup for key components, these key components are: (Multiple Choice)

- A. MPU
- B. switch board
- C. power module
- D. fan

**Answer:** ABCD

#### NEW QUESTION 2

How much switching fabric slots that NE40E-X8 could support?

- A. 3
- B. 2
- C. 4

**Answer:** A

#### NEW QUESTION 3

Huawei attaches great importance to cyber security, set cyber security as an important strategy for the development of the company, and commitment to cyber security will never be outweighed by the consideration of commercial interests.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 4

S5720HI integrates ENPchip inside.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 5

S7703 supports stacking

- A. TRUE
- B. FALSE

**Answer:** B

#### NEW QUESTION 6

Which of the highest-density 40GE line card for the CE12800?

- A. 36 x 40GE
- B. 12 x 40GE
- C. 6 x 40GE
- D. 24 x 40GE

**Answer:** A

#### NEW QUESTION 7

In Huawei's metro Wi-Fi solution, all vehicle-mounted AP9130DN and trackside AP8130DN are centralized managed by AC

- A. TRUE
- B. FALSE

**Answer:** B

#### NEW QUESTION 8

Huawei NE Router rank No. 2 in Global Markets in 2015.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 9

The protection rating of Huawei's outdoor APs is ()?

- A. IP41
- B. IP55
- C. IP66
- D. IP67

**Answer:** D

#### NEW QUESTION 10

How many APs are supported by one native AC card and how many APs are supported by one chassis?

- A. 1K, 2k
- B. 1K, 4k
- C. 2K,8k
- D. 2K, 16k

**Answer:** B

#### NEW QUESTION 10

Which type subcard does the CE8860 support? (Multiple Choice)

- A. 10GE
- B. 25GE
- C. 40GE
- D. 100GE

**Answer:** ABCD

#### NEW QUESTION 12

Which scenarios can IoT Gateway apply? (Multiple Choice)

- A. Street lighting
- B. Elevator Monitoring
- C. Smart Meter Reading
- D. Smart Building Terminal Control

**Answer:** ABCD

#### NEW QUESTION 17

Which product of Arista is similar to CE12800?

- A. 7500
- B. 7300
- C. 7280
- D. 7150

**Answer:** A

#### NEW QUESTION 18

Which of the Cisco product are corresponding to Huawei NE05E08E series product? (Multiple Choice)

- A. ASR901
- B. ASR920
- C. ASR903
- D. ASR1000

**Answer:** ABC

#### NEW QUESTION 20

The NE08E could support STM-4 card.

- A. TRUE
- B. FALSE

**Answer:** B

#### NEW QUESTION 24

Which 2 types of IT router line card that NE router could support? (Multiple Choice)

- A. 8\*1000 line card
- B. 10\*100G line card
- C. 24\*40G line card
- D. 96\*100 line card

**Answer:** AC

#### NEW QUESTION 29

All series of 802.11ac AP support LAG of ethernet ports

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 32

Cisco ISR4451-X can map ()

- A. AR1220
- B. AR200
- C. AR2220
- D. AR3260

**Answer:** D

#### NEW QUESTION 33

Which is the max capacity(singal direction) of NE08E series could support?

- A. 60G
- B. 120G
- C. 240G
- D. 480G
- E. IT

**Answer:** B

#### NEW QUESTION 36

What is the key message of CloudEngine () (Multiple Choice)

- A. Elastic
- B. Virtualized
- C. Agile
- D. High Quality

**Answer:** ABCD

#### NEW QUESTION 37

How many SFU slots does an S12710 have?

- A. 12
- B. 10
- C. 4
- D. 2

**Answer:** D

#### NEW QUESTION 38

Which model is recommended when small branch of 0 to 50 users?

- A. AR2220
- B. AR2240
- C. AR3260
- D. AR160

**Answer:** D

#### NEW QUESTION 43

AR109 does not support SNMP?

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 44

Which of the interface that Huawei All in One Solution could support? (Multiple Choice)

- A. RS232
- B. E&M
- C. WIFI
- D. G.703 64K

**Answer:** BCD

#### NEW QUESTION 48

Which technology is recommended for data centers interconnected?

- A. BGP-EVPN + VxLAN
- B. SVF
- C. CSS
- D. iStack

**Answer:** A

#### NEW QUESTION 49

Huawei CE switch has made break through in several high-end industry globally such as banking, oil industry and internet service provider, please select the examples CE switch has set. (Multiple Choice)

- A. China Agricultural bank
- B. Baidu
- C. CNPC
- D. Alibaba

**Answer:** ABCD

#### NEW QUESTION 50

which is main differences between MPU of CE12800 and CE12800s? (Multiple Choice)

- A. demension size
- B. integration of monitor module
- C. CPU
- D. RAM

**Answer:** AD

#### NEW QUESTION 55

What measures are taken to allow Huawei outdoor APs to withstand harsh environments? (Multiple Choice)

- A. Supports a built-in 6 kV surge protector for antenna and feeder
- B. Working temperature range is -40°C to 60°C
- C. Working humidity is 0% to 100% (non-condensing)
- D. Comply with IP67 for waterproofing

**Answer:** ABCD

#### NEW QUESTION 57

How many LPU slots does an S12710 have?

- A. 12
- B. 10
- C. 4
- D. 2

**Answer:** B

#### NEW QUESTION 58

The 10GE downlink TOR switch moduel is ()

- A. CE58XX
- B. CE68XX
- C. CE78XX
- D. CE88XX

**Answer:** B

#### NEW QUESTION 59

Which cards are ENP line cards that agile switch support? (Multiple Choice)

- A. 48-Port 10/100/1000BASE-T Interface Card (X1E, RJ45)
- B. 48-Port 100/1000BASE-X Interface Card (X1E, SFP)
- C. 4-Port 10GBASE-X and 24-Port 100/1000BASE-X and 8-Port 10/100/1000BASE-T Combo Interface Card (X1E, RJ45/SFP/SFP+) 8-Port 10GBASE-X and 8-Port 100/1000BASE-X and 8-Port 10/100/1000BASE-T Combo Interface Card (X1E, RJ45/SFP/SFP+)
- D. 48-Port 10GBASE-X Interface Card(EC, SFP+)

**Answer:** ABCD

#### NEW QUESTION 61

The BFD detection time for the link that Huawei could support is?

- A. 10ms
- B. 5ms
- C. 3.3ms
- D. 50ms

**Answer:** C

#### NEW QUESTION 66

What measures are taken to allow Huawei outdoor APs to withstand harsh environments?

- A. The working humidity is 0% to 100% (non-condensing).
- B. Supports a built-in 6 kV surge protector for antennas and feeders.
- C. Complies with IP67 for waterproofing.
- D. The working temperature range is -40°C to +60°C.

**Answer:** C

#### NEW QUESTION 69

ARG3 supports 3G/LTE

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 70

The maximum 10GE port density supported by an S6720 is 24 x 10GE.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 75

Which factor should be considered for selecting the chassis?

- A. Weight
- B. Number of access ports
- C. Power type

**Answer:** B

#### NEW QUESTION 77

Which switch does NOT support PoE?

- A. S2700-26TP-PWR-EI
- B. S2700-9TP-PWR-EI
- C. S3700-52P-PWR-EI
- D. S3700-52P-EI

**Answer:** D

#### NEW QUESTION 82

which model supports LET feature?

- A. AR161FW
- B. AR169FVW
- C. AR169BF
- D. AR161G-L

**Answer:** D

#### NEW QUESTION 86

whch functions can AR G3 routers support? (Multiple Choice)

- A. Routing
- B. Switching
- C. VPN
- D. Voice
- E. Security
- F. WLAN

**Answer:** ABCDEF

**NEW QUESTION 89**

Which xDSL can AR support? (Multiple Choice)

- A. G.SHDSL
- B. ADSL2+
- C. VDSL2
- D. VDSL

**Answer:** ABC

**NEW QUESTION 92**

Which switch is a Layer 2 gigabit switch?

- A. S5700LI
- B. S5720SI
- C. S2700EI
- D. S5720EI

**Answer:** A

**NEW QUESTION 93**

FIT AP offers the functions of ()? (Multiple Choice)

- A. radio antennas
- B. 802.11a/b/g/n/ac
- C. data encryption
- D. 802.1x
- E. L2 roaming

**Answer:** ABC

**NEW QUESTION 96**

Huawei's Wi-Fi products and solution focus in following scenarios? (Multiple Choice)

- A. Education Campus
- B. Mobile Office
- C. Stadium
- D. Wireless City
- E. Video Backhaul
- F. Rail Transit (Metro)

**Answer:** ABCDEF

**NEW QUESTION 100**

Which cloud platforms AC-DCN can be interconnected with in data center network scenario? (Multiple Choice)

- A. Huawei FusionSphere
- B. openstack
- C. Vmware
- D. Microsoft System Center

**Answer:** ABCD

**NEW QUESTION 104**

the ethernet interface type of AP9131DN is ()?

- A. RJ45
- B. SMA
- C. M12
- D. RJ11

**Answer:** C

**NEW QUESTION 107**

Agile Controller can be used as the management platform in EC-IoT scenarios.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 108**



How many MPU slots does an S12710 have?

- A. 12
- B. 10
- C. 4
- D. 2

**Answer:** D

#### NEW QUESTION 109

which one of following channel planning is more resonable when multiple APs are deployed?

- A. 2, 7, 12
- B. 1, 6, 11
- C. 1,5,10
- D. 1, 2, 3

**Answer:** B

#### NEW QUESTION 110

Which of the Juniper product are corresponding to Huawei NE20E-S series product? (Multiple Choice)

- A. M120
- B. M320
- C. M960
- D. MX104

**Answer:** ABD

#### NEW QUESTION 113

Which of the following switches supports MPLS?

- A. S5720-LI
- B. S5720-SI
- C. S6720-SI
- D. S5720-HI

**Answer:** CD

#### NEW QUESTION 115

The NE08E could support PCM card such as RS232, C37.94 port.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 119

S7700 compete against CISCO 4500/4500E.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 124

VS (Virtual System) is 1:16 for CloudEngine 12800

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 129

Which switch supports downlink optical ports?

- A. S2700-26TP-PWR-EI
- B. S3700-52P-EI
- C. S3700-52P-EI-24S
- D. S3700-28TP-SI

**Answer:** C

#### NEW QUESTION 131

Which is not AR series model?

- A. AR3260
- B. AR550
- C. AR510
- D. AR520

**Answer:** D

#### NEW QUESTION 133

Which are AR G3 highlights? (Multiple Choice)

- A. Applications in one box Reducing at least 30% TCO
- B. Better experience Ensuring nonstop service transmission
- C. Cooperation platform Meeting customized applications

**Answer:** ABC

#### NEW QUESTION 137

If partners violate cyber security requirements stipulated in the agreements, Huawei is entitled to revoke the license and authorization in the agreement, or terminate the agreements.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 140

Nowadays the utilization efficiency of network resources is highly valued to achieve low capex and opex. And also the DCI network configuration should be more and more flexible to support the rapid emerging new service.

Huawei provide SDN based Agile TE/GRE DCI solution to confront such challenges.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 145

Which of the following switches has no fan?

- A. S5700-52X-LI
- B. S5700-28P-LI
- C. S5700-52P-LI
- D. S5700-28X-PWR-LI

**Answer:** B

#### NEW QUESTION 148

S12700 series can provide 1M MAC entries.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 151

IP FPM is abbreviation for IP Flow Performance Measurement.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 156

All series of 802.11ac AP support LAG of ethernet ports

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 157

The desktop USG6530E can compete with all desktop models of Fortinet and Cisco. What is the large-packet throughput of the USG6530E?

- A. 1 Gbps
- B. 3 Gbps
- C. 4 Gbps
- D. 2 Gbps

**Answer:** C

#### NEW QUESTION 162

AR G3 routers support built-in zone-based firewall functions.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 167

Which of the following is the maximum capacity of an NE40E's service board?

- A. 1T
- B. 2T
- C. 480G
- D. 240G

**Answer:** B

#### NEW QUESTION 169

Which of the following are 100 GE switches with fixed interfaces?

- A. CE6865
- B. CE8861
- C. CE8850-32CQ-EI
- D. CE8850-64CQ-EI
- E. CE8860

**Answer:** CDE

#### NEW QUESTION 174

Which AR model support WIFI feature?

- A. AR1220E
- B. AR1220C
- C. AR2220
- D. AR503GW-LM7

**Answer:** D

#### NEW QUESTION 175

What is the minimum interval of hardware-based BFD supported by the CE8861?

- A. 15 ms
- B. 3.3 ms
- C. 5 ms
- D. 10 ms

**Answer:** B

#### NEW QUESTION 176

What is the maximum switching capacity of S6720?

- A. 480Gbps
- B. 640Gbps
- C. 960Gbps
- D. 1.44Tbps

**Answer:** D

#### NEW QUESTION 178

Which radio frequency can AP8150DN work at? (Multiple Choice)

- A. 2.4GHz + 2.4Ghz
- B. 2.4GHz+ 5GHz
- C. 5GHz + 5GHz
- D. 2.4GHz + 5GHz + 2.4GHz

**Answer:** BC

**NEW QUESTION 181**

Which model cannot support POE?

- A. AR1220EV
- B. AR151
- C. AR550C-2C6GE
- D. AR151W-P

**Answer:** B

**NEW QUESTION 182**

Which switches are agile switches? (Multiple Choice)

- A. S12700
- B. S9700
- C. S7700
- D. S5720-HI
- E. S5710-HI

**Answer:** ABCD

**NEW QUESTION 184**

ISM (Industrial Scientific Medical) frequency band is license free, there is no authorization for using this frequency.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 186**

Which switch is the industry's first agile box switch?

- A. S5720EI
- B. S5720HI
- C. S5700HI
- D. S5710EI

**Answer:** B

**NEW QUESTION 190**

Which devices can bring interference to Wi-Fi device? (Multiple Choice)

- A. Microwave Oven
- B. Bluetooth
- C. ZigBee
- D. Baby Monitor
- E. Cordless Telephone

**Answer:** ABCDE

**NEW QUESTION 194**

which unit is used to describe the gain of antenna?

- A. dB
- B. dBi
- C. dBm
- D. dBw

**Answer:** B

**NEW QUESTION 198**

How many MPU slots does an S12710 have?

- A. 10
- B. 4
- C. 12
- D. 2

**Answer:** D

**NEW QUESTION 199**

Which NE05E08E have pluggable slot? (Multiple Choice)

- A. NE08E-S6

- B. NE05E-S2
- C. NE05E-SE
- D. NE05E-SG

**Answer:** B

#### NEW QUESTION 200

VS (Virtual System) is 1:16 for CloudEngine 12800

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 201

What type of switch is S2700?

- A. L2 100M switch
- B. L2 gigabit switch
- C. L3 100M switch
- D. L3 gigabit switch

**Answer:** A

#### NEW QUESTION 203

When CloudEngine virtualized as Core of DC and Core of Campus using only one physical device, the service should separate with each other. So () is just the features

- A. CSS
- B. VS
- C. Trill
- D. SVF

**Answer:** B

#### NEW QUESTION 207

Which are AR G3 key reliability technologies? (Multiple Choice)

- A. Hot swap cards
- B. Power module redundancy
- C. Main controller redundance
- D. BFD

**Answer:** ABCD

#### NEW QUESTION 209

In datacenter solution, high reliability performance is required due to the importance of service. Which module(component) can support hot backup by Huawei CE device? (Multiple Choice)

- A. FAN
- B. POWER
- C. Fabirc card
- D. Main process unit

**Answer:** ABCD

#### NEW QUESTION 214

The AI Fabric has passed which of the following third-party test certifications?

- A. FIPS
- B. EANTC
- C. CC
- D. CSEC

**Answer:** B

#### NEW QUESTION 218

the maximum transmit power of indoor AP is 100mW, which is equal to ()?

- A. IdBm
- B. 1ddBm
- C. 20dBm
- D. 30dBm

**Answer:** C

**NEW QUESTION 221**

EVPN is used as control plane for Vxlan of CE switch.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 224**

Which line card is NOT used for chassis switches?

- A. XIEcard
- B. EA card
- C. EB card
- D. EC card

**Answer:** C

**NEW QUESTION 228**

AR129CGVW-L does not integrate GE WAN interfaced GE WAN is needed, GE LAN can be switched to WAN.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 230**

Which of the following reasons is incorrect for RDMA communication used by some applications in the industry?

- A. Q&M is simplified.
- B. The CPU load is reduced.
- C. The communication delay is reduced.
- D. The throughput is improved.

**Answer:** BCD

**NEW QUESTION 235**

What's the configuration of fans in TOR chassis?

- A. Single fan tray with single fan
- B. Single fan tray with dual fans.
- C. Dual fan trays, single fan in each tray.
- D. Dual fan trays, dual fans in each tray.

**Answer:** D

**NEW QUESTION 239**

which are correct about AR G3 vs Cisco ISR G2? (Multiple Choice)

- A. AR G3 advanced architecture and high performance
- B. AR series' host and board are hot-swappable
- C. ISR G2 cannot support voice
- D. ISR G2 cannot support firewall

**Answer:** AB

**NEW QUESTION 244**

AR161FG-L can support LTE TDD

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 247**

Which VPNs AR G3 support? (Multiple Choice)

- A. L2TP
- B. GRE
- C. OSPFv3
- D. IPSec

**Answer:** ABD

#### NEW QUESTION 252

Anti-tampering and anti-implantation of Huawei products include:

- A. After the service, delete all daily maintenance accounts of the system.
- B. Do not tamper with products.
- C. Do not reserve private or undisclosed interfaces or accounts.
- D. Do not implant malicious code, software, or backdoors in customer devices or systems.

**Answer:** BCD

#### NEW QUESTION 257

IDC need what kind of features to meet the requirement of service (Multiple Choice)

- A. High density 100G/40G/10G port
- B. Easy management solution NQA/Netstream
- C. VxLAN for SDN-based overlay solution for multi-tenant scenario
- D. multi-DC interconnection

**Answer:** ABCD

#### NEW QUESTION 258

Which O&M are AR G3 support? (Multiple Choice)

- A. Batch Deployment Using USB Flash Drive
- B. SNMP management
- C. web GUI
- D. CLJ(Command Line Interface)

**Answer:** ABCD

#### NEW QUESTION 263

NE08E routers support STM-4 cards.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 264

Which model is designed for Smart Classroom?

- A. AR503
- B. AR129
- C. AR169RW-P-M9
- D. AR511

**Answer:** C

#### NEW QUESTION 268

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