

# HUAWEI

## Exam Questions H19-301

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



#### 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

Which cloud platforms are compatible with Huawei Agile Controller-DCN in Huawei's data center resource management solution?

- A. FusionSphere
- B. OpenStack
- C. Microsoft Azure
- D. VMware

**Answer:** B

#### NEW QUESTION 4

When 36\*100GE line card is used in CE12800, which type SFU is suggested()?

- A. SFUA
- B. SFUC
- C. SFCF
- D. SFUG

**Answer:** D

#### NEW QUESTION 5

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 6

Each AP needs to be designed to cover as large area as possible in order to provide better coverage in a high-density scenario.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 7

Which scenarios is suitable to deploy wall plate AP2050DN? (Multiple Choice)

- A. Hotel
- B. Dormitory
- C. Hospital
- D. Outdoor square
- E. Shopping mall

**Answer:** ABC

#### 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**

Which switches support remote power supply (RPS)? (Multiple Choice)

- A. S5700S-LI
- B. S5700-LI
- C. S5710-EI
- D. S5700-HI
- E. S5720-HI

**Answer:** AB

**NEW QUESTION 10**

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 11**

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 13**

All series of 802.11ac AP support LAG of ethernet ports

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 15**

Which WAN interface can AR support? (Multiple Choice)

- A. EPON/GPON
- B. SA/AS
- C. FDDLTE
- D. E1

**Answer:** ACD

**NEW QUESTION 16**

Each AP should be designed to cover as large area as possible in order to provide better coverage in a high density scenario

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 19**

How many SFU slots does an S12710 have?

- A. 12
- B. 10

- C. 4
- D. 2

**Answer:** D

**NEW QUESTION 21**

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

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

**Answer:** D

**NEW QUESTION 23**

Which technology is recommended for data centers interconnected?

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

**Answer:** A

**NEW QUESTION 27**

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 28**

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 31**

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 34**

Which model is NOT mentioned when you configure a quotation in data center network SCT?

- A. Line card
- B. Chassis
- C. CPU
- D. Fabric

**Answer:** D

**NEW QUESTION 35**

AR2500 is a rack-mounted industrial Ethernet switch, and AR550 is a DIN-mounted industrial Ethernet switch.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 38

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 39

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 44

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 46

What is the surge protection capability of Huawei indoor APs?

- A. 2kV
- B. 3kV
- C. 4kV
- D. 6kV

**Answer:** C

#### NEW QUESTION 49

Which are the highlights of the Huawei IP hard pipe solution?

- A. No jitter
- B. High reliability
- C. Low latency
- D. No packet loss

**Answer:** BCD

#### NEW QUESTION 52

Which of the following models are ICT gateways?

- A. AR510 series
- B. AR160-M series
- C. AR3600 series

**Answer:** BC

#### NEW QUESTION 56

To which scenarios can AR G3 series apply?

- A. 3G/LTE backup
- B. WAN access & edge aggregation
- C. VPN security gateway
- D. LAN egress gateway

**Answer:** AB

#### NEW QUESTION 60

S12700 uses industry-leading left-to-rear ventilation channel design.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 61**

Which of the following operating systems are supported by the sandbox?

- A. Android
- B. Linux
- C. IOS
- D. Windows XP and Windows 7/10

**Answer:** D

**NEW QUESTION 66**

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 71**

AC6605 can manage up to 1024 Aps

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 75**

How many models are there in the S7700 series?

- A. 2
- B. 3
- C. 4
- D. 5

**Answer:** B

**NEW QUESTION 79**

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 81**

AR G3 series routers support the built-in wireless LAN controller. However, Cisco must use the Wireless LAN Controller Module to support the function. Furthermore, ISR800 and ISR1900 series cannot support this AC module.

- A. True
- B. False

**Answer:** A

**NEW QUESTION 85**

Which of the below is not the high-reliability technology?

- A. VPN FRR
- B. E-Trunk
- C. IP/LDP FRR
- D. IBGP

**Answer:** D

**NEW QUESTION 89**

Which of the following highlights does not apply to the NE08E-S6/S6E?

- A. Large capacity

- B. Highest density in the industry
- C. High reliability
- D. Dual-CXP

**Answer:** D

**NEW QUESTION 91**

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

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 94**

In most scenarios, the channel on 2.4GHz is as clean as that on 5GHz

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 96**

How many MPU slots does an S12710 have?

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

**Answer:** D

**NEW QUESTION 98**

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 99**

What type of switch is S3700?

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

**Answer:** C

**NEW QUESTION 100**

Which of the following switches can provide agile features such as native AC, wired and wireless SVF, and free mobility?

- A. S6720-EI
- B. S7700I
- C. S6720-SI
- D. S12700
- E. S5720-HI

**Answer:** BD

**NEW QUESTION 105**

Which of the following switches supports MPLS?

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

**Answer:** CD

**NEW QUESTION 106**

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

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 107**

Which of the following switches supports downlink optical ports?

- A. S6720-26Q-SI-24S-AC
- B. S5720-16X-PWH-LI-AC
- C. S5730-48C-SI-AC
- D. S2720-52TP-EI-AC

**Answer:** BD

**NEW QUESTION 111**

You should check and confirm the quantity of APs when taking an onsite survey, but no need to pay attention to the location where the APs are suitable to be installed.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 112**

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 115**

Which is not AR series model?

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

**Answer:** D

**NEW QUESTION 116**

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 118**

S12700 series can provide 1M MAC entries.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 120**

Which switch supports MPLS?

- A. 5700LI
- B. 5720LI
- C. 5720SI
- D. 5720HI

**Answer:** D



#### NEW QUESTION 122

Both N7K and N9K of Cisco support ACI solution.

- A. TRUE
- B. FALSE

**Answer:** B

#### NEW QUESTION 125

IP FPM is abbreviation for IP Flow Performance Measurement.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 128

CE6860 has 25GE downlink and 100GE uplink.

- A. TRUE
- B. FALSE

**Answer:** A

#### NEW QUESTION 133

Which models does S12700 compete against overseas? (Multiple Choice)

- A. Cisco 3850
- B. Cisco 6800
- C. Cisco 4500X
- D. Cisco N9000
- E. HP 10500

**Answer:** BE

#### NEW QUESTION 136

In most scenarios, 2.4 GHz channels are as clean as 5 GHz channels.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 139

CE12800S have two different module, one is () another is () (Multiple Choice)

- A. CE12804S
- B. CE12808S
- C. CE12812S
- D. CE12816S

**Answer:** AB

#### NEW QUESTION 140

Huawei CE switch covers a whole series of product from high end high density 100GE core switch to low end GE downlink box switch .Huawei CE has () type of Line card, (Multiple Choice)

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

**Answer:** ABCD

#### NEW QUESTION 141

What O&M features does NE40E series support?

- A. BFD
- B. CFM
- C. Y.1731
- D. EFM

**Answer:** BCD

**NEW QUESTION 143**

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 145**

Which AR model support WIFI feature?

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

**Answer:** D

**NEW QUESTION 148**

How many spatial streams do AP8050DN and AP8150DN have at 5Ghz?

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

**Answer:** B

**NEW QUESTION 149**

Cisco's C2960S can support G.8032.

- A. True
- B. False

**Answer:** B

**NEW QUESTION 153**

The S12700 supports 1600W DC power module.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 156**

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 157**

AR G3 cannot support HQoS.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 160**

What is the maximum switching capacity of S6720?

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

**Answer:** D

**NEW QUESTION 165**

eSight and U2000 both can manage full series of AR routers.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 169**

Which model cannot support POE?

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

**Answer:** B

**NEW QUESTION 172**

Which of the following are typical Huawei firewall cases outside China?

- A. SCT of Mexico
- B. Lepida DC firewall requirement in Italy
- C. 2-year centralized procurement frame COSIP LAN 5 in Italy
- D. Secure interconnection of 1500 branches of Banco do Brazil

**Answer:** AB

**NEW QUESTION 173**

Huawei CE device boast its() air ventilation mechanism and ultra low latency. The average latency of 24\*40GEcard is(). (Multiple Choice)

- A. side to side
- B. Front to back
- C. 2ms
- D. 2us

**Answer:** BD

**NEW QUESTION 176**

Which switches are agile switches? (Multiple Choice)

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

**Answer:** ABCD

**NEW QUESTION 177**

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

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

**Answer:** B

**NEW QUESTION 182**

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 187**

Which of the following is the recommended model for Huawei 10 GE fixed switches?

- A. CE5855
- B. CE6865

- C. CE6857
- D. CE6875

**Answer:** D

**NEW QUESTION 189**

AR G3 series routers support built-in wireless LAN controller. However Cisco must use the Wireless LAN Controller Module to support the Function. Furthermore, ISR800 and ISR1900 series cannot support this AC module.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 190**

which models are ICT gateway. (Multiple Choice)

- A. AR510 Series
- B. AR160-M Series
- C. AR3600 Series

**Answer:** ABC

**NEW QUESTION 195**

How many MPU slots does an S12710 have?

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

**Answer:** D

**NEW QUESTION 198**

Which NE05E08E have pluggable slot? (Multiple Choice)

- A. NE08E-S6
- B. NE05E-S2
- C. NE05E-SE
- D. NE05E-SG

**Answer:** B

**NEW QUESTION 200**

Which of the Cisco series product that corresponding to Huawei NE20E?

- A. ASR 1000 series
- B. ASR 9000 series
- C. CSR series products
- D. ASR 7000 series

**Answer:** A

**NEW QUESTION 204**

which encryption algorithms do AR support? (Multiple Choice)

- A. SMI
- B. SM2
- C. SM3
- D. SM4

**Answer:** ABCD

**NEW QUESTION 205**

Which of the following statements regarding the comparison between AR G3 and Cisco ISR G2 are true?

- A. ISR G2 does not support voice.
- B. AR G3 routers have a more advanced architecture and better performance.
- C. The host and cards of AR series are hot swappable.
- D. ISR G2 does not support firewalls

**Answer:** BCD

**NEW QUESTION 207**

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 209**

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 210**

Which are the main scenarios of Huawei NE series router? (Multiple Choice)

- A. Smart Grid
- B. Railway
- C. DC Interconnection
- D. ISP

**Answer:** ABCD

**NEW QUESTION 212**

CE6851HI support VxLAN routing.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 216**

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 221**

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 224**

What is the operating system Huawei NE routers adopted?

- A. Windows
- B. VRP
- C. Linux
- D. IOS

**Answer:** B

**NEW QUESTION 225**

Huawei's metro Wi-Fi solution offers following features? (Multiple Choice)

- A. ma
- B. vehicle speed 120km/h
- C. handover delay 30ms
- D. 802.11ac
- E. IEC61373 anti-vibration standards
- F. max,vehicle-to- ground throughput 300Mbps

**Answer:** ABCD

**NEW QUESTION 228**

which of following is correct? (Multiple Choice)

- A. AR G3 supports SIC Interface Card, WSIC Interface Card and XSIC Interface Card
- B. 2 SIC Slots can be combined into one double-wide WSIC slot by removing the guide rail.
- C. 2 WSIC slots can be combined into one double-height XSIC slot by removing the guide rail
- D. AR161 supports 2 SIC slots

**Answer:** ABC

**NEW QUESTION 229**

Which VPNs AR G3 support? (Multiple Choice)

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

**Answer:** ABD

**NEW QUESTION 231**

() is the name of DC switches, () is the name for the DC solution (Multiple Choice)

- A. CloudEngine
- B. Main Center
- C. Backup Data Center
- D. Cloud Fabric

**Answer:** AD

**NEW QUESTION 235**

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 239**

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 244**

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 Inteface)

**Answer:** ABCD

**NEW QUESTION 246**

NE08E routers support STM-4 cards.

- A. True
- B. False

**Answer:** B

**NEW QUESTION 247**

Which subcards does the CE8861 support?

- A. 10GE

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

**Answer:** ABCD

**NEW QUESTION 250**

The S5720-LI competes against the Cisco C2960X.

- A. True
- B. False

**Answer:** A

**NEW QUESTION 251**

Which model is designed for Smart Classroom?

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

**Answer:** C

**NEW QUESTION 254**

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