

700-821^{Q&As}

Cisco IoT Essentials for System Engineers

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QUESTION 1

When two protocols are supported by Secure Equipment Access? (Choose two.)

- A. Industrial protocols (Profinet/CIP)
- B. remote access (Telnet/SSH/VNC/RDP)
- C. SSL and IPSEC VPN
- D. FTP and SFTP
- E. Web (http/https)

Correct Answer: BE

QUESTION 2

Which hardware capability do industrial Ethernet (IE) switches have that Enterprise switches do not have?

- A. include a built-in battery
- B. industrial ruggedization so the switch can operate in harsh environments
- C. additional fans so the switch can be deployed in high-temperature environments
- D. support for higher ethernet port density

Correct Answer: B

QUESTION 3

Which tool is available on the Troubleshooting tab of a gateway device in the IoT Operations Dashboard?

- A. report on user access and usage
- B. remote connection to the subtended devices
- C. menu-driven diagnostic tools for operators
- D. ping and traceroute from the gateway

Correct Answer: D

QUESTION 4

Which two pieces of information are needed to onboard a gateway device using the IoT Operations Dashboard? (Choose two.)

- A. the Product Identifier (PID) / Product Family
- B. By the Media Access Control (MAC) Address
- C. the Integrated Operating System (IOS) Version
- D. the Purchase Order (PO) Number
- E. the Serial Number

Correct Answer: AE

QUESTION 5

Which two IoT routers or gateways are used when a customer requests two active LTE connections? (Choose two.)

- A. IG21 gateway
- B. IR1101 without expansion module
- C. IR1101 with expansion module and cellular modules
- D. IR1831 with dual cellular modules
- E. IR1821 with dual cellular modules

Correct Answer: CD

QUESTION 6

Which two management tools are used to provision and manage an IR1101 Industrial Router? (Choose two.)

- A. IoT Operations Dashboard
- B. Cisco Control Center
- C. CiscoWorks
- D. vManage
- E. Salesforce
- Correct Answer: AD

QUESTION 7

Which two IE switch types support the Cisco Cyber Vision sensor running on IOx? (Choose two.)

- A. IE9300 Series
- B. IE3400 and IE3300-10G



- C. IE3200 and IE3300-1G
- D. IE4010 and IE5000
- E. IE2000 and IE4000

Correct Answer: BC

QUESTION 8

Which feature on IW6300 is designed for a third-party sensor network?

- A. SDA integration
- B. Modular design
- C. IOx support
- D. 802.11ac (wave 2) support

Correct Answer: C

QUESTION 9

Which management tool is ideal for green field installations using IE switches?

- A. DNA-Center
- B. Solar Winds
- C. IE Device Manager
- D. Prime Infrastructure

Correct Answer: A

QUESTION 10

Which two features are available on an IR1831 router? (Choose two.)

- A. CANBus
- B. mSATA Module
- C. PoE
- D. WiFi6 Module
- E. GPIO

Correct Answer: BC



QUESTION 11

How are the power inputs labeled A and B of IE3400 used?

- A. Both inputs are connected, and the power budget is the sum of both power inputs.
- B. Both inputs are connected: only one is active, and the other is on standby.
- C. It can only wire one of the power inputs.
- D. Both inputs are connected and used to daisy chain to power another switch.

Correct Answer: B

QUESTION 12

How is the Cisco IoT Operations Dashboard deployed?

- A. embedded inside the IOS of each industrial Router (IR) and Industrial Ethernet Switch (IE)
- B. delivered as an OVA and has to be installed on a Windows server
- C. SaaS offering hosted in the cloud
- D. delivered as a 3 Rack Unit (RU) appliance that has to be installed in the data center

Correct Answer: C

QUESTION 13

Which tool is ideal for a customer that must use a centralized management tool to configure multiple IW9167Es and deploy them in CURWB mode?

- A. Cisco IOT Operations Dashboard
- B. Cisco vManage
- C. Cisco DNA Center
- D. Cisco Prime Infrastructure

Correct Answer: C

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