

Exam Code: 700-821

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Exam A

QUESTION 1

Which IE switch model supports Policy Extended Node capability with Cisco SD-Access?

- A. IE5000
- B. IE2000
- C. IE3200
- D. IE3400

Correct Answer: D

Section:

QUESTION 2

What are two descriptions for the Secure Equipment Access (SEA) service in the IoT Operations Dashboard? (Choose two.)

- A. A remote user can access equipment through a browser.
- B. A VPN client, like Cisco Anyconnect, is required to establish the connection.
- C. The SEA Agent application is required to be installed in Cisco IoT routers.
- D. A network change by the IT team is required when a new SEA user is created.
- E. SEA access cannot be assigned to an external vendor outside the organization.

Correct Answer: A, C

Section:

QUESTION 3

What is the Cisco-hosted PnP Connect server name to onboard an IR1101 using the IoT Operations Dashboard?

- A. helper.cisco.com
- B. pnp.cisco.com
- C. devicehelper.cisco.com
- D. devicepnp.cisco.com

Correct Answer: B

Section:

QUESTION 4

Which platform supports WiFi 6/6E?

- A. IW6300
- B. IR1101
- C. IW9167E
- D. IG31R



Correct Answer: A

Section:

QUESTION 5

Which IE product is ideal as a replacement for unmanaged switches where small form factor, basic switching features, and fast boot time are mandatory requirements?

- A. IE 2000 Series
- B. IE 3000 Series
- C. IE 1000 Series
- D. IE 4000 Series

Correct Answer: C

Section:

QUESTION 6

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: B, C

Section:

QUESTION 7

Where is cellular usage found in the IoT Operations Dashboard device menu?

- A. Monitoring
- B. Interface
- C. Troubleshooting
- D. Summary

Correct Answer: A

Section:

QUESTION 8

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

Section:



QUESTION 9

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: B, C

Section:

QUESTION 10

What are two descriptions for an IOT SDWAN use case? (Choose two.)

- A. Office365 video conference applications
- B. high bandwidth requirements
- C. hub and spoke topology
- D. full mesh topology
- E. harsh, outdoor environments

Correct Answer: C, E

Section:

QUESTION 11

What is a requirement for the IE3400 power supply?

- A. When ordering IE4000, always order power supplies regardless of the power input at the site (AC or DC).
- B. For a PoE+ requirement, an AC input power supply is required.
- C. If the PoE budget is insufficient with power input A, a second power supply can boost the PoE budget by connecting to power input B.
- D. It is important to understand from the customer if PoE is needed and if the site power source is AC or DC.

Correct Answer: D

Section:

QUESTION 12

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

Section:

QUESTION 13

What is a feature of IW6300?

- A. IW6300 POE output ports support two POE+ (30W) devices at the same time.
- B. IW6300 can work in CURWB mode.
- C. IW6300 is built for Class 1 Division 2 hazardous environments.
- D. IW6300 is IP54-rated.

Correct Answer: A

Section:

QUESTION 14

How does the IOT Operations Dashboard detect if a device is still alive?

- A. Heartbeat Interval
- B. Ping
- C. SSH
- D. Traps

Correct Answer: A

Section:

QUESTION 15

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: A, D

Section:

QUESTION 16

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: A, E

Section:

QUESTION 17



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

Section:

QUESTION 18

Which industrial router platform has Battery Backup Unit (BBU) module?

- A. IR8340
- B. IR1101
- C. IR8140H
- D. IR1800 Series

Correct Answer: C

Section:

QUESTION 19

A customer needs to extend their enterprise WiFi network to remote IoT spaces with IR1800. Which mode must be used for the WiFi module in IR1800?

- A. EWC Mode
- B. WGB mode
- C. Flexconnect
- D. CAPAWAP mode

Correct Answer: A

Section:

QUESTION 20

Which Industrial IE Switch supports StackWise stacking technology?

- A. IE4010
- B. IE9300 series
- C. IE4000
- D. IE5000

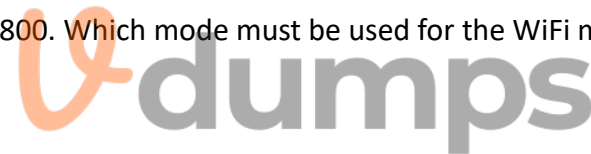
Correct Answer: B

Section:

QUESTION 21

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

Section:

QUESTION 22

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: B, E

Section:

QUESTION 23

Which IW9167E adapters are designed for shock and vibration resistance?

- A. RJ45
- B. M8
- C. M12
- D. M10

Correct Answer: C

Section:

QUESTION 24

How is a customer with four OT devices connected to an industrial router with RS232 connections?

- A. IG31R
- B. IR1835
- C. IR1101 with LTE expansion module
- D. IR1101 with Serial and Ethernet expansion module

Correct Answer: D

Section:

QUESTION 25

Which power supply supports both AC and DC input?

- A. PWR-IE50W-AC-IEC=
- B. PWR-IE-170W-PC-DC=
- C. PWR-IE65W-PC-AC=



D. PWR-IE65W-PC-DC=

Correct Answer: C

Section:

QUESTION 26

As a Tri-Radio architecture, which three frequencies are supported on IW9167E? (Choose three.)

- A. 2.4GHz
- B. 6GHz
- C. 1GHz
- D. 160MHz
- E. 900MHz
- F. 5GHz

Correct Answer: A, B, F

Section:

QUESTION 27

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

Section:

QUESTION 28

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

Section:

QUESTION 29

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

Section:

QUESTION 30

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: C, D

Section:

Explanation:

