

➤ **Vendor: Cisco**

➤ **Exam Code: 200-601**

➤ **Exam Name: Managing Industrial Networking for Manufacturing with Cisco Technologies (IMINS2)**

➤ **Question 1 -- Question 10**

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QUESTION 1

Which configuration enables an Industrial Ethernet switch to participate in PTP clock selection and sets the priority value that would break the tie between switches with matching default criteria to 50?

- A. ptp mode boundary
ptp priority1 10
ptp priority2 50
- B. ptp mode boundary
ptp priority1 50
ptp priority2 10
- C. ptp mode e2transparent
ptp priority1 50
ptp priority2 10
- D. ptp mode e2transparent
ptp priority1 10
ptp priority2 50

Answer: A

QUESTION 2

What are three Cisco best practices for running I/O control traffic in a wireless environment? (Choose three.)

- A. 3200 packets per second and 20% bandwidth for HMI and maintenance traffic
- B. 2200 packets per second and 20% bandwidth for HMI and maintenance traffic
- C. I/O control traffic can be run on 2.4 or 5 GHz channels
- D. I/O control traffic should be run on 5GHz channels only
- E. Standard I/O RPIs less than 20ms are not practical for wireless media because the maximum

latency and jitter become comparable or greater than the RPI

- F. Standard I/O RPIs less than 10ms are not practical for wireless media because the maximum latency and jitter become comparable or greater than the RPI

Answer: BDF

QUESTION 3

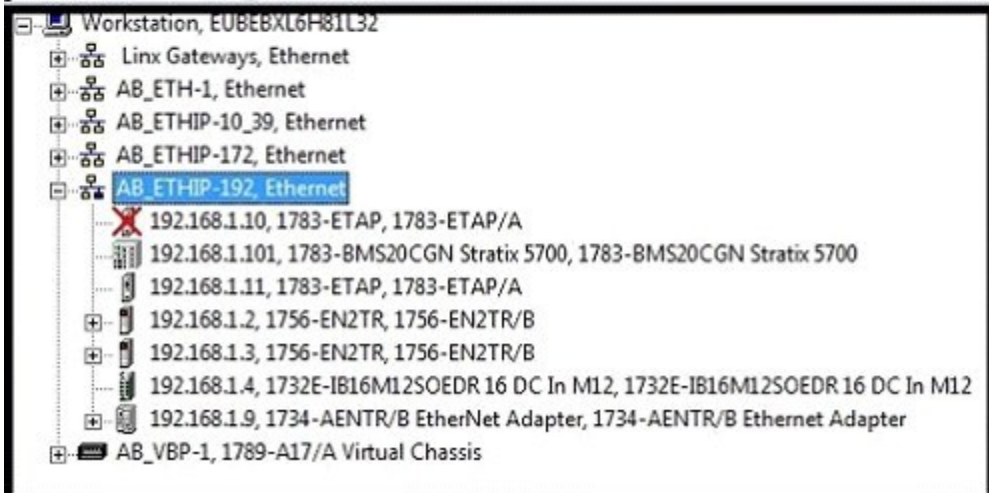
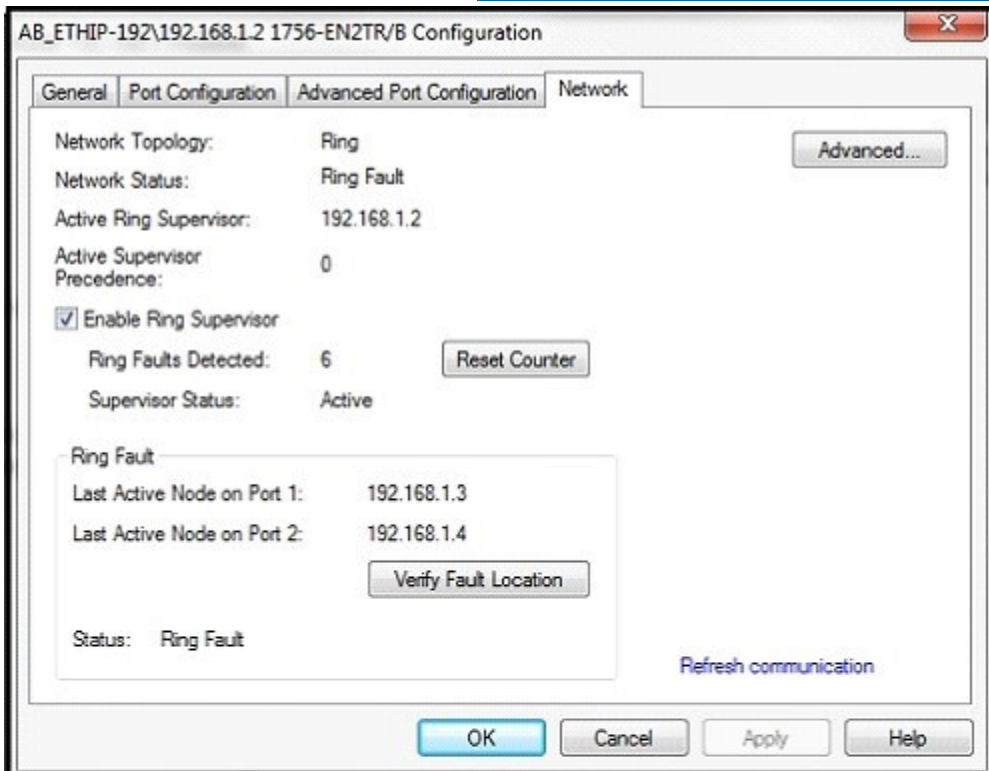
If the Link Fault alarm is connected to the minor relay and the FCS Bit Error Rate alarm is connected to the major relay, which commands will create an alarm profile called GigE with the alarms correctly mapped to the minor and major relays?

- A. Switch(config)#alarm profile GigE
Switch(config-alarm-prof)#alarm 1 4
Switch(config-alarm-prof)#relay major 4
Switch(config-alarm-prof)#relay minor 1
- B. Switch(config)#alarm profile GigE
Switch(config-alarm-prof)#alarm 1 3
Switch(config-alarm-prof)#relay major 3
Switch(config-alarm-prof)#relay minor 1
- C. Switch(config)#alarm profile GigE
Switch(config-alarm-prof)#alarm 1 3
Switch(config-alarm-prof)#relay major 1
Switch(config-alarm-prof)#relay minor 3
- D. Switch(config)#alarm profile GigE
Switch(config-alarm-prof)#alarm 1 4
Switch(config-alarm-prof)#relay major 1
Switch(config-alarm-prof)#relay minor 4

Answer: A

QUESTION 4

Refer to the exhibit. Network Faceplates have not been installed on the HMI and so you need to map a network based on information available from RSLinx. Which most accurately represents the network configuration?



- A. Missing
- B. Missing
- C. Missing
- D. Missing

Answer: B

QUESTION 5

Refer to the exhibit. Which lines represent an I/O connection running at a 20ms RPI?

No.	Time	Source	Destination	Protocol	Length	Info
2909	2015-04-03 09:06:43.343660000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627468
2910	2015-04-03 09:06:43.347531000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940702
2911	2015-04-03 09:06:43.352174000	192.168.1.2	192.168.1.3	TCP	66	62601->44818 [SYN] Seq=0 Win=8192 Len=0 MSS=1426 SACK_PERM=1 WS=1
2912	2015-04-03 09:06:43.352178000	192.168.1.3	192.168.1.2	TCP	66	44818->62601 [SYN, ACK] Seq=0 Ack=1 Win=10000 Len=0 MSS=1426 SACK_PERM=1 WS=1
2913	2015-04-03 09:06:43.352180000	192.168.1.2	192.168.1.3	TCP	60	62601->44818 [ACK] Seq=1 Ack=1 Win=8192 Len=0
2914	2015-04-03 09:06:43.352184000	Rockwell_13a:4a: (Broadcast)	ARP	60	who has 192.168.1.2? Tell 192.168.1.3	
2915	2015-04-03 09:06:43.352185000	Rockwell_c8:17: (Broadcast)	ARP	60	192.168.1.2 is at 00:00:bc:c8:17:42	
2916	2015-04-03 09:06:43.353492000	192.168.1.2	192.168.1.3	ENIP	82	Register Session (Req), session: 0x00000000
2917	2015-04-03 09:06:43.353495000	192.168.1.2	192.168.1.2	ENIP	82	Register Session (Req), session: 0x04000100
2918	2015-04-03 09:06:43.353497000	192.168.1.2	192.168.1.3	CIP CM	154	Forward Open
2919	2015-04-03 09:06:43.355730000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938324
2920	2015-04-03 09:06:43.355735000	192.168.1.3	192.168.1.2	ENIP	98	Connection: ID=0x000B49EE, SEQ=0000000000
2921	2015-04-03 09:06:43.355737000	192.168.1.3	192.168.1.2	CIP CM	146	Success
2922	2015-04-03 09:06:43.366424000	192.168.1.9	192.168.1.2	ENIP	72	Connection: ID=0x005240C0, SEQ=0002628115
2923	2015-04-03 09:06:43.366458000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940703
2924	2015-04-03 09:06:43.371153000	192.168.1.2	192.168.1.3	ENIP	86	Connection: ID=0x005E4004, SEQ=0000000000
2925	2015-04-03 09:06:43.373605000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627469
2926	2015-04-03 09:06:43.375686000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938325
2927	2015-04-03 09:06:43.387157000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940704
2928	2015-04-03 09:06:43.395595000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938326
2929	2015-04-03 09:06:43.395594000	192.168.1.9	192.168.1.2	ENIP	72	Connection: ID=0x005240C0, SEQ=0002628116
2930	2015-04-03 09:06:43.403825000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627470
2931	2015-04-03 09:06:43.405574000	192.168.1.3	192.168.1.2	ENIP	98	Connection: ID=0x000240D4, SEQ=0000000001
2932	2015-04-03 09:06:43.407320000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940705
2933	2015-04-03 09:06:43.415818000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938327
2934	2015-04-03 09:06:43.421235000	192.168.1.2	192.168.1.3	ENIP	86	Connection: ID=0x005E4004, SEQ=0000000001
2935	2015-04-03 09:06:43.426793000	192.168.1.9	192.168.1.2	ENIP	72	Connection: ID=0x005240C0, SEQ=0002628117
2936	2015-04-03 09:06:43.426797000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940706
2937	2015-04-03 09:06:43.432648000	192.168.1.2	192.168.1.3	CIP CM	230	Forward Open
2938	2015-04-03 09:06:43.432653000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627471
2939	2015-04-03 09:06:43.436110000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938328
2940	2015-04-03 09:06:43.441156000	192.168.1.3	192.168.1.2	CIP CM	144	Success
2941	2015-04-03 09:06:43.447344000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940707
2942	2015-04-03 09:06:43.452305000	192.168.1.2	192.168.1.3	ENIP	134	Connection: ID=0x000E4005, SEQ=0000000000
2943	2015-04-03 09:06:43.455537000	192.168.1.3	192.168.1.2	ENIP	98	Connection: ID=0x000240D4, SEQ=0000000002
2944	2015-04-03 09:06:43.455537000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938329
2945	2015-04-03 09:06:43.455539000	192.168.1.9	192.168.1.2	ENIP	72	Connection: ID=0x005240C0, SEQ=0002628118
2946	2015-04-03 09:06:43.463863000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627472
2947	2015-04-03 09:06:43.467320000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940708
2948	2015-04-03 09:06:43.471247000	192.168.1.2	192.168.1.3	ENIP	86	Connection: ID=0x005E4004, SEQ=0000000002
2949	2015-04-03 09:06:43.471250000	192.168.1.2	192.168.1.245	TCP	60	[TCP Keep-Alive] 44818->62601 [ACK] Seq=1 Ack=1 Win=8192 Len=1
2950	2015-04-03 09:06:43.471250000	192.168.1.245	192.168.1.2	TCP	60	[TCP Keep-Alive] 62601->44818 [ACK] Seq=1 Ack=2 Win=252 Len=0 SLE=1 SRE=2
2951	2015-04-03 09:06:43.475876000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938330
2952	2015-04-03 09:06:43.483801000	192.168.1.3	192.168.1.2	ENIP	410	Connection: ID=0x01D24005, SEQ=0000000000
2953	2015-04-03 09:06:43.486451000	192.168.1.9	192.168.1.2	ENIP	74	Connection: ID=0x005240C0, SEQ=0002628119
2954	2015-04-03 09:06:43.486482000	192.168.1.2	192.168.1.4	ENIP	74	Connection: ID=0x11EF00A1, SEQ=0003940709
2955	2015-04-03 09:06:43.493659000	192.168.1.2	192.168.1.9	ENIP	76	Connection: ID=0x000B49EE, SEQ=0002627473
2956	2015-04-03 09:06:43.494335000	192.168.1.202	192.168.1.255	ENIP	66	List Identity (Req)
2957	2015-04-03 09:06:43.494670000	192.168.1.202	192.168.1.255	ENIP	66	List Identity (Req)
2958	2015-04-03 09:06:43.495733000	192.168.1.4	192.168.1.2	ENIP	359	Connection: ID=0x015240C2, SEQ=0003938331

- A. 2919, 2923, 2926
- B. 2920, 2926, 2929
- C. 2922, 2929, 2935
- D. 2914, 2915, 2916

Answer: A

QUESTION 6

Which describes the relationship between a workgroup bridge?

- A. Wired clients of a workgroup bridge can communicate, through the workgroup bridge, with wireless clients of an autonomous or a controller-based access point
- B. Wireless clients of a controller-based AP can communicate, through the workgroup bridge, with wireless clients of an autonomous access point
- C. Wireless clients of an autonomous access point can communicate with wired clients of a workgroup bridge, but Wireless clients of a controller-based access point cannot communicate with wired clients of a workgroup bridge
- D. Wireless clients of a controller-based access point can communicate with wired clients of a workgroup bridge, but Wireless clients of an autonomous access point cannot communicate with wired clients of a workgroup bridge

Answer: A

QUESTION 7

Which best describes the difference between 802.11n and 802.11ac?

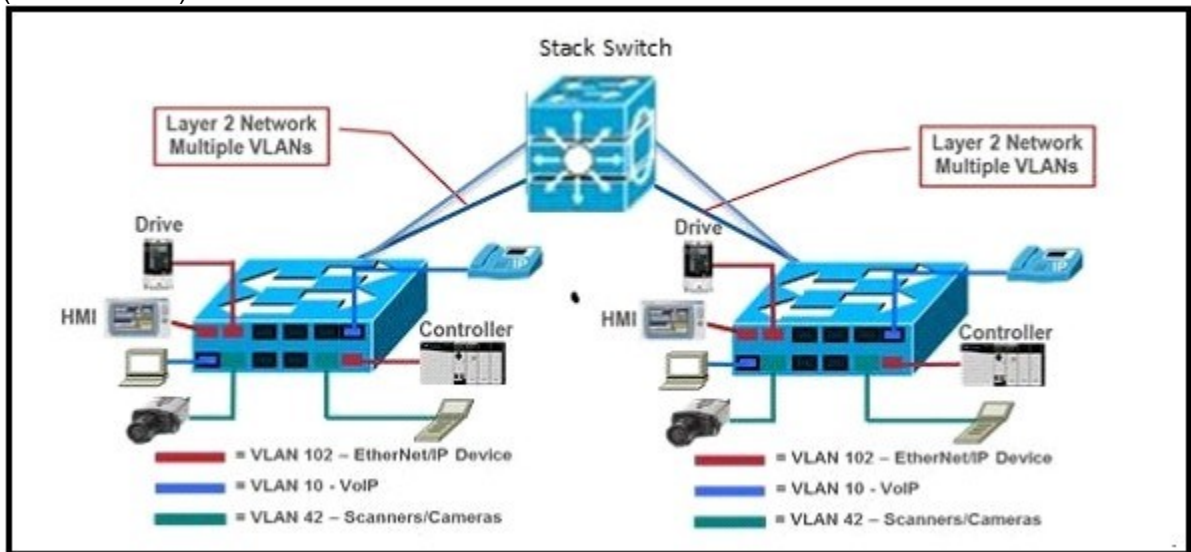
- A. 802.11ac offers more channels over more bands than 802.11n

- B. 802.11ac MCS 1 is about twice as fast as 802.11n MCS1
- C. 802.11ac offers more modulation schemes than 802.11n
- D. 802.11ac 1SS MCS 9 is allowed over a 20, 40, 80 and 160 MHz channel, while 802.11n 1SS MCS 9 is only allowed over a 20 or 40 MHz channel

Answer: C

QUESTION 8

Refer to the exhibit. Which three elements would enable high availability and predictable performance for a motion control application spread across two switches (with video and I/O traffic)? (Choose three.)

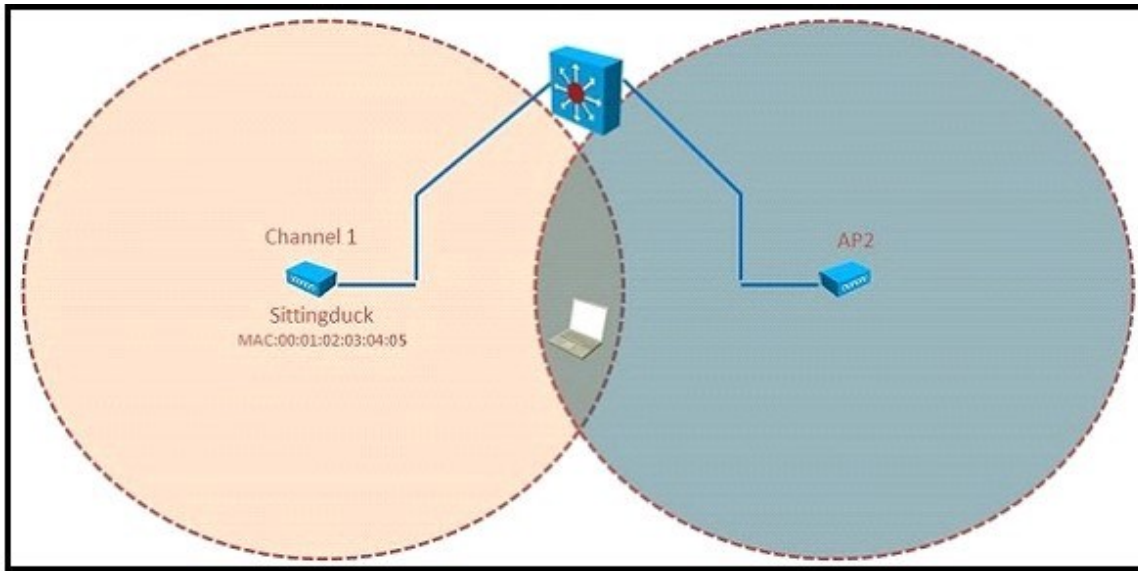


- A. Configure QoS to give PTP traffic the highest priority
- B. Fiber optic uplinks
- C. Redundant uplinks
- D. Configure QoS to give I/O traffic the highest priority
- E. Copper uplinks
- F. Interconnect the two switches

Answer: ABC

QUESTION 9

Refer to the exhibit. Which values are correct for AP 2 to allow for efficient roaming?



- A. Channel 6, SSID Sittingduck, BSSID 00:0a:0b:0c:0d:0e
- B. Channel 1, SSID Sittingduck, BSSID 00:01:02:03:04:05
- C. Channel 1, SSID Sittingduck, BSSID 00:0a:0b:0c:0d:0e
- D. Channel 6, SSID Sittingduck, BSSID 00:01:02:03:04:05

Answer: A

QUESTION 10

Which two actions are examples of network device hardening for Cisco Industrial Ethernet Switches?
(Choose two.)

- A. Disable unused services
- B. Shutdown network ports which are not in use
- C. Only allow administrative access using Telnet
- D. Deploy IP67 versions of Cisco Industrial Ethernet Switches
- E. Set the native VLAN on all trunk ports to VLAN 1

Answer: AB

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