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# 500-215

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## Topic 1, ASR5000 Hardware and Software Architecture

### QUESTION NO: 1

How many Packet Service Cards are located in a fully loaded Cisco ASR 5000 chassis?

- A. 8
- B. 14
- C. 16
- D. 24

**Answer: B**

**Explanation:**

### QUESTION NO: 2

Which option is the unique differentiator that sets Cisco ASR 5000 apart from competitors?

- A. seamless interoperability with GGSN
- B. cost-effective evolution to 2G
- C. combines 2G, 3G, and 4G SGSN into the same platform
- D. P2P detection and control

**Answer: C**

**Explanation:**

### QUESTION NO: 3

On the Cisco ASR 5000, which three features help to ensure high availability? (Choose three.)

- A. inter-chassis redundancy
- B. online software upgrades are not supported
- C. no single point of failure
- D. virtual memory protects software tasks
- E. terminated tasks have to be manually restarted
- F. no session recovery for common services

**Answer: A,C,D**

**Explanation:**

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**QUESTION NO: 4**

What is the Cisco ASR 5000 operating system software based on?

- A. Cisco IOS
- B. Combination of Linux and Cisco IOS
- C. Linux software
- D. Star OS

**Answer: D**

**Explanation:**

**QUESTION NO: 5**

Which controller task is used to facilitate IP routing across and within contexts?

- A. Session Controller
- B. VPN Controller
- C. Driver Controller
- D. Resource Manager Controller

**Answer: B**

**Explanation:**

**QUESTION NO: 6**

Which bus interconnects RCCs and line cards?

- A. control bus
- B. system management bus
- C. TDM bus
- D. redundancy bus

**Answer: D**

**Explanation:**

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**QUESTION NO: 7**

Which card has the resources to run multiple services?

- A. redundant crossbar card
- B. switch processor I/O card
- C. system management card
- D. packet service card

**Answer: D**

**Explanation:**

**QUESTION NO: 8**

How many VLAN tags may contain each physical port on an Ethernet 1000 line card?

- A. up to 124
- B. up to 1024
- C. up to 1820
- D. up to 2000

**Answer: B**

**Explanation:**

**QUESTION NO: 9**

What is the subsystem task that is responsible for performing a centralized IMSI lookup?

- A. MME Manager
- B. MME Demux Manager
- C. Session Manager
- D. IMSI Manager

**Answer: D**

**Explanation:**

**QUESTION NO: 10**

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