

# BlueCoat

## Exam BCCPP

**Blue Coat Certified Proxy Professional, V4.2**

Version: 8.1

**[ Total Questions: 211 ]**

**Question No : 1**

When a <proxy> policy layer has set one or more actions to yes, when are these actions performed?

- A. At the end of policy processing, in the order they were encountered.
- B. In order when they are encountered during policy processing.
- C. Depending on the transaction, not all such actions are necessarily taken.
- D. At the end of policy processing, in the reverse order they were encountered.

**Answer: A**

**Question No : 2**

In a transparent proxy that is intercepting HTTP, how can an administrator allow instant messaging over HTTP to pass through ProxySG if they do not have IM license on the ProxySG?

- A. By disabling Detect Protocol
- B. By disabling Protocol Handoff in IM
- C. By configuring the proxy services to bypass AOL IM, MSN IM and Yahoo IM services
- D. By disabling early intercept

**Answer: B**

**Question No : 3**

SGOS is based on which other operating system?

- A. VxWorks
- B. pSOS
- C. Unix
- D. Windows
- E. None of the above

**Answer: D**

**Question No : 4**

<http://support.bluecoat.com/products/proxysg/sg9000.html?customer=123>

For the above URL, will the trigger url.domain=bluecoat.com match or miss?

- A. Match
- B. Miss

**Answer: B**

#### Question No : 5

If multiple users from different IP addresses have been authenticated as guest users into the same authentication realm, how can you distinguish among them in the Management Console display of currently logged-in users?

- A. The ProxySG automatically appends a sequential number to each successive guest login from a different IP address.
- B. When creating policy to authenticate guest users, use variable substitutions such as IP addresses to form part of the guest username.
- C. You cannot do this.

**Answer: B**

Reference: <https://bto.bluecoat.com/doc/8668> (page 43)

#### Question No : 6

Which of the following options are configured when implementing failover on ProxySG appliances? (Choose all that apply)

- (a) Multicast address for advertisements
- (b) Relative Priority
- (c) Virtual MAC address
- (d) Group Secret to hash information sent in multicast announcements

- A. All of the above
- B. a, b & c only

- C. a, b & d only
- D. b, c & d only

**Answer: C**

**Question No : 7**

Which policy file is processed first?

- A. Central policy file.
- B. Forward policy file.
- C. Local policy file.
- D. Threat protection policy file.
- E. The answer depends on the processing order configured in the Management Console.

**Answer: C**

Reference: <https://kb.bluecoat.com/index?page=content&id=KB4703>

**Question No : 8**

What happens when a disk is removed from a ProxySG while it is running?

- A. Subsequent requests to objects that were cached on the removed disk will fail.
- B. The objects on the removed disk are automatically remapped to the remaining disks and are immediately refetched from the appropriate content servers.
- C. The objects on the removed disk are automatically remapped to the remaining disks and are refetched from the appropriate content servers the next time they are requested.
- D. All subsequent transactions to that ProxySG either fail open or fail closed, depending on configuration, until the disk is replaced.

**Answer: A**

**Question No : 9**

Which of the following statements are true? (Choose all that apply)

- (a) The SGOS object store utilizes a directory structure so that objects in cache can be accessed rapidly
- (b) Information about a single object in cache be retrieved from the Management console or the CLI
- (c) There are two object caches, the object cache which resides on disk and the object cache which resides in RAM
- (d) The SGOS object store is separated by protocol (HTTP cache, FTP cache, etc.)
- A. a, b & c only  
B. a, c & d only  
C. b, c & d only  
D. All of the above

**Answer: A**

**Question No : 10**

Which method of controlling downloads of certain file types works fastest on ProxySG?

- A. Apparent Data Type  
B. MIME Type  
C. File extension

**Answer: C**

**Question No : 11**

Which types of requests are likely to be served the fastest?

- A. TCP\_MISS  
B. TCP\_NC\_MISS  
C. TCP\_HIT  
D. TCP\_MEM\_HIT  
E. TCP\_RESCAN\_HIT

**Answer: E**

**Question No : 12**

What information is stored in a policy trace for a transaction processed by a proxy service that is set to Bypass? (Select all that apply)

- A. Client IP address.
- B. Destination IP address.
- C. Proxy service name.
- D. All policy statements that are evaluated and match.
- E. All policy statements that are evaluated and miss.
- F. None of the above; no entry is recorded in the policy trace.

**Answer: A,B,C**

**Question No : 13**

After creating CPL in the local policy file, the policy is imported into the VPM CPL file so that it can be viewed through the Visual Policy Manager.

- A. True
- B. False

**Answer: A**

**Question No : 14**

<http://support.bluecoat.com/products/proxysg/sg9000.html?customer=123>

For the above URL, will the trigger url.scheme=http match or miss?

- A. Match
- B. Miss

**Answer: A**

**Question No : 15**

When authenticating a guest user in an LDAP realm, which of these CPL properties would best be used to specify that the guest user should be part of the pre-defined LDAP group MobileUsers?

- A. authorize.guest(group=MobileUsers)
- B. authorize.add\_group(MobileUsers)
- C. authorize.guest(MobileUsers)
- D. authorize.add\_group(guest:MobileUsers)

**Answer: C**

**Question No : 16**

Steaming traffic is better managed by using ProxySG's admission control features.

- A. True
- B. False

**Answer: B**

**Question No : 17**

When Blue Coat Director is used to manage a ProxySG, which one of these methods can Director use to prevent unexpected changes from being made directly on the ProxySG?

- A. Director changes the administrative passwords on the ProxySG to secret, random values.
- B. Director disables the serial port interface to the ProxySG.
- C. Director disables the Management Console on the ProxySG.

**Answer: B**

**Question No : 18**

True or false: The ProxySG can apply policy to Flash traffic without requiring the installation of an add-on license.

- A. True
- B. False

**Answer: B**

**Question No : 19**

What criterion is NOT used to determine location awareness of a ProxyClient

- A. IP address range
- B. Virtual NICs IP address range
- C. The IP address of the closest AND concentrator
- D. DNS server IP address

**Answer: C**

**Question No : 20**

Which authentication modes would result in a user-agent receiving a HTTP 401-Unauthorized status codes from the proxy? (Choose all that apply)

- (a) origin-ip-redirect
  - (b) proxy-ip
  - (c) origin-cookie
  - (d) form-cookie-redirect
- A. a & b only
  - B. a & c only
  - C. b & c only
  - D. c & d only
  - E. None of the above

**Answer: B**

**Question No : 21**

What are the advantages that you may get in deploying ProxySG with WCCP? (Choose all the apply)

- (a) Scalability
- (b) Redundancy
- (c) Load Balancing



(d) Security

- A. All of the above
- B. a, b & c only
- C. b, c & d only
- D. a, b & d only

**Answer: A**

**Question No : 22**

Which one of these statements is NOT true about the ProxySG object cache?

- A. It is stored as a hash table, not a traditional filesystem.
- B. The first chunk of any object can be retrieved in a single disk-read operation.
- C. Objects with similar URLs are usually located next to each other so that accessing related objects in a sequence is faster.
- D. Performance does not deteriorate when the cache is 100% full.

**Answer: D**

**Question No : 23**

A service can be configured to listen in explicit and transparent mode simultaneously.

- A. True
- B. False

**Answer: B**

**Question No : 24**

Which of the following are the benefits of using Bandwidth Management with the ProxySG (Choose all that apply)

- (a) Ensuring mission critical application receives minimum amount of bandwidth
- (b) Compressing certain type of traffic classes before transmitting it over the WAN

- (c) Prioritizing certain traffic classes
- (d) Rate limiting application to prevent "hogging" of network bandwidth.
- A. a, b & c only  
B. a, b & d only  
C. a, c & d only  
D. All of the above

**Answer: C**

**Question No : 25**

By default, what method does the ProxySG use to balance traffic load among members of a forwarding group?

- A. Least connections  
B. Round robin  
C. None of the above

**Answer: A**

Reference: [https://wikileaks.org/spyfiles/files/0/222\\_BLUECOAT-SGOS\\_CLI\\_4.1.3.pdf](https://wikileaks.org/spyfiles/files/0/222_BLUECOAT-SGOS_CLI_4.1.3.pdf)  
(page 140, option 8)

**Question No : 26**

What type of authentication challenge is issued when using the Policy Substitution Realm?

- A. 407 proxy Authentication Required  
B. 401 Unauthorized  
C. No challenge will be issued  
D. Not enough information to determine the answer

**Answer: C**

**Question No : 27**