

Exam Questions FCP_FAZ_AD-7.4

FCP - FortiAnalyzer 7.4 Administrator

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NEW QUESTION 1

What is the best approach to handle a hard disk failure on a FortiAnalyzer that supports hardware RAID?

- A. There is no need to do anything because the disk will self-recover.
- B. Run execute format disk to format and restart the FortiAnalyzer device.
- C. Perform a hot swap of the disk.
- D. Shut down FortiAnalyzer and replace the disk.

Answer: C

Explanation:

In a hardware RAID setup, FortiAnalyzer supports hot swapping, which allows you to replace a failed disk without shutting down the device. The RAID controller will automatically rebuild the array using the new disk, minimizing downtime and maintaining data integrity.

NEW QUESTION 2

Which process is responsible for enforcing the log file size?

- A. oftpd
- B. miglogd
- C. sqlplugind
- D. logfiled

Answer: D

Explanation:

The logfiled process is responsible for enforcing log file size and managing log rotation on FortiAnalyzer. It ensures that log files do not exceed the configured size limits and handles the creation and rotation of new log files when necessary.

NEW QUESTION 3

Which two parameters impact the amount of reserved disk space required by FortiAnalyzer? (Choose two.)

- A. Total quota
- B. License type
- C. RAID level
- D. Disk size

Answer: C

Explanation:

RAID level affects how much disk space is reserved for redundancy and fault tolerance. For example, RAID 1 mirrors data, meaning you need more space for redundancy, while RAID 5 or RAID 6 reserves space for parity.

Disk size directly influences the total available and reserved space since the larger the disk, the more space may need to be reserved for system functions, logs, and other operations.

The total quota and license type do not directly impact the reserved disk space, though they do influence other aspects of capacity and functionality.

NEW QUESTION 4

Refer to the exhibit.

```
FortiGate # diagnose test application fgtlogd 4
Queues in all miglogds: cur:31 total-so-far:4642589
global log dev statistics:
faz=180191781, faz_cloud=0, fds_log=0
faz 0: sent=180189698, failed=4507, cached=0, dropped=0
```

Based on the output, what can you conclude about the FortiAnalyzer logging status?

- A. The connection between FortiGate and FortiAnalyzer is overloaded.
- B. FortiGate has logs to send, but FortiAnalyzer is unavailable.
- C. FortiGate is configured to send logs in batches.
- D. FortiGate is sending logs again after it performed a reboot.

Answer: B

Explanation:

The output shows that FortiGate has sent a large number of logs (sent=180189698), but some logs have failed to be sent (failed=4507). This suggests that FortiAnalyzer was temporarily unavailable or had an issue receiving logs, leading to the failure count. There are no logs cached or dropped, indicating FortiGate is still attempting to send logs but with some failures.

NEW QUESTION 5

Which two statements about FortiAnalyzer operating modes are true? (Choose two.)

- A. When in collector mode, FortiAnalyzer offloads the log receiving task to the analyzer.

- B. When in analyzer mode, FortiAnalyzer supports event management and reporting features.
- C. For the collector, you should allocate most of the disk space to analytics logs.
- D. Analyzer mode is the default operating mode.

Answer: B

Explanation:

When in analyzer mode, FortiAnalyzer supports event management and reporting features.

In analyzer mode, FortiAnalyzer provides full support for log analysis, event management, and reporting capabilities.

Analyzer mode is the default operating mode.

By default, FortiAnalyzer operates in analyzer mode, which allows for log analysis and reporting. The other options are incorrect because:

In collector mode, the FortiAnalyzer primarily stores logs and forwards them to another FortiAnalyzer in analyzer mode, not the other way around.

In collector mode, most disk space is usually allocated to storage rather than analytics, as the logs are primarily stored for forwarding.

NEW QUESTION 6

Refer to the exhibit.

The screenshot shows the 'Create New Administrator' configuration page in FortiAnalyzer. The 'Match all users on remote server' checkbox is highlighted with a red box and is currently enabled.

The exhibit shows the creation of a new administrator on FortiAnalyzer.

What are two effects of enabling the choice Match all users on remote server when configuring a new administrator? (Choose two.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Enabling this option allows any user authenticated by the LDAP server to log in to FortiAnalyzer, effectively creating a wildcard administrator.

NEW QUESTION 7

The connection status of a new device on FortiAnalyzer is listed as Unauthorized. What does that status mean?

- A. It is a device whose registration has not yet been accepted in FortiAnalyzer.
- B. It is a device that has not yet been assigned an ADOM.
- C. It is a device that is waiting for you to configure a pre-shared key.
- D. It is a device that FortiAnalyzer does not support.

Answer: A

Explanation:

The "Unauthorized" status indicates that the device has been discovered or attempted to connect but has not yet been authorized for management by FortiAnalyzer. It requires an administrator to approve or authorize the device before it can be fully managed.

NEW QUESTION 8

Refer to the exhibit.

FortiAnalyzer packet capture on Wireshark

Wireshark - Packet 34 - sniffer_port3.1.pcap

```
> Frame 34: 624 bytes on wire (4992 bits), 624 bytes captured (4992 bits)
> Ethernet II, Src: MS-NLB-PhysServer-09_0f:00:01:06 (02:09:0f:00:01:06), Dst: MS-NLB-PhysServer-09_0f:00:01:06
> Internet Protocol Version 4, Src: 10.200.3.1, Dst: 10.200.1.210
> Transmission Control Protocol, Src Port: 18052, Dst Port: 514, Seq: 14443, Ack: 130, Len: 570
  Remote Shell
    Client -> Server Data [truncated]: 1703030235120db2f7eaa29995a08617e996a1e7e5a02afe2f81e0320715cff2d8c
```

0000	02 09 0f 00 02 07 02 09 0f 00 01 06 08 00 45 00E.
0010	02 62 f8 7b 00 00 3f 06 66 b8 0a c8 03 01 0a c8	..b.{...?..f.....
0020	01 d2 46 84 02 02 99 02 43 a6 c2 b9 04 82 50 18	..F.....C....P.
0030	39 08 1c f3 00 00 17 03 03 02 35 12 0d b2 f7 ea	9.....5.....
0040	a2 99 95 a0 86 17 e9 96 a1 e7 e5 a0 2a fe 2f 81*/.
0050	e0 32 07 15 cf f2 d8 c7 41 47 04 f9 52 46 82 0a	..2.....AG..RF..
0060	27 69 5d bc 93 7f 18 c5 95 18 fa ea ed 6d aa 94	'i].....m..
0070	84 1f 4e 54 c2 b6 58 e9 06 d8 c5 2a 0d 7b b8 75	..NT..X..*..{..u
0080	b3 6f 13 1d 63 1d af fe ab c7 21 22 9d 2b 37 e6	..o..c...!"..+7..
0090	f7 b5 6b d0 26 45 4a a1 0e 27 60 fa 89 f0 d0 ba	..k.&EJ..''.....
00a0	6a 22 e3 6f eb 9a bd fe 0c e6 8f e3 5f 45 65 c2	j"o....._Ee.
00b0	ef dc b9 83 34 16 7d 52 73 83 3a ca 2e aa 3a 754..}R s:..:u
00c0	1b 80 22 06 f9 d8 22 1c 95 b3 c3 0d 9e 4f 53 33	.."...."..OS3
00d0	85 fd 7e ce 96 e5 96 7e 66 a2 17 ea bf 5b 9f b2	..~....~f....[..

No.: 34 - Time: 11.315345 - Source: 10.200.3.1 - Destination: 10.200.1.210 - Protocol: RSH - Length: 624 - Info: Client -> Server data

☒ Show packet bytes

Close Help

Which image corresponds to the packet capture shown in the exhibit?

A)

					Search...
<input type="checkbox"/>	Device Name	IP Address	Connectivity	Logging Mode	Average Log Rate(Logs/Sec)
<input type="checkbox"/>	Remote-FortiGate	10.200.3.1	Connection Up	Real Time	0

B)

					Search...
<input type="checkbox"/>	Device Name	IP Address	Connectivity	Logging Mode	Average Log Rate(Logs/Sec)
<input type="checkbox"/>	Remote-FortiGate	10.200.3.1	Connection Up	Real Time	0

C)

					Search...
<input type="checkbox"/>	Device Name	IP Address	Connectivity	Logging Mode	Average Log Rate(Logs/Sec)
<input type="checkbox"/>	Remote-FortiGate	10.200.3.1	Connection Down	Real Time	0

D)

					Search...
<input type="checkbox"/>	Device Name	IP Address	Connectivity	Logging Mode	Average Log Rate(Logs/Sec)
<input type="checkbox"/>	Remote-FortiGate	10.200.3.1	Connection Down	Real Time	0

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Chosen image shows the device Remote-FortiGate with the IP 10.200.3.1 and a connection status of "Connection Up," which is consistent with the packet capture details showing active communication between the client and server.

NEW QUESTION 9

Refer to the exhibit.

FortiAnalyzer packet capture on Wireshark

No.	Time	Source	Destination	Protocol	Length	Source Port	Destination Port	Info
131	9.114194	10.0.1.200	10.0.1.210	Syslog	1003	22486	514	@@\000\020\017\003\006eJ\004FGVM010000064692Local-FortiGateroot\002\002
132	9.114245	10.0.1.200	10.0.1.210	Syslog	1115	22486	514	@@\020\020\017\003\0aBeJ\004FGVM010000064692Local-FortiGateroot\002\002S\
133	9.114311	10.0.1.200	10.0.1.210	Syslog	1135	22486	514	@@\002\020\017\004\b\b\reJ\004FGVM010000064692Local-FortiGateroot\0027\002\0
134	10.0013...	10.0.1.200	10.0.1.210	Syslog	871	7262	514	@@\000\020\004\002\teJ\000FGVM010000077646ISFWroot\001\001\002\017\00
135	11.1086...	10.0.1.200	10.0.1.210	Syslog	872	22486	514	@@\000\020\017\003\001\004eJ\004FGVM010000064692Local-FortiGateroot\002\0
142	15.0058...	10.0.1.200	10.0.1.210	Syslog	572	7262	514	@@\000\020\004\001\003eJ\006FGVM010000077646ISFWroot\001\001\000\000\
143	16.1088...	10.0.1.200	10.0.1.210	Syslog	555	22486	514	@@\000\020\017\001\002\017eJ\bFGVM010000064692Local-FortiGateroot\002\017\
150	20.0103...	10.0.1.200	10.0.1.210	Syslog	639	7262	514	@@\000\020\004\002\033\aeJ\nFGVM010000077646ISFWroot\001\001\001\0014
151	20.0574...	10.0.1.200	10.0.1.210	Syslog	332	7262	514	@@\001\020\004\000\000eJ\017FGVM010000077646ISFWroot\000\000\024date=2024
152	20.0575...	10.0.1.200	10.0.1.210	Syslog	907	7262	514	@@\000\020\004\0033\aeJ\017FGVM010000077646ISFWroot\003\003\002\024date
153	20.0576...	10.0.1.200	10.0.1.210	Syslog	1025	7262	514	@@\000\020\004\003\0068eJ\017FGVM010000077646ISFWroot\003\002\002\024date
154	20.0576...	10.0.1.200	10.0.1.210	Syslog	648	7262	514	@@\000\020\004\0020\005\004eJ\017FGVM010000077646ISFWroot\002\002\002\024da
155	20.0577...	10.0.1.200	10.0.1.210	Syslog	317	7262	514	@@\001\020\004\000\000eJ\017FGVM010000077646ISFWroot\000\000\024date=2024
156	20.0577...	10.0.1.200	10.0.1.210	Syslog	555	7262	514	@@\b\020\004\001\002\003eJ\017FGVM010000077646ISFWroot\002\003\024date=2

Frame 131: 1003 bytes on wire (8024 bits), 1003 bytes captured (8024 bits)
 Ethernet II, Src: Fortinet_09:01:00 (00:09:0f:09:01:00), Dst: VMware_a9:73:0f (00:0c:29:a9:73:0f)
 Internet Protocol Version 4, Src: 10.0.1.200, Dst: 10.0.1.210
 User Datagram Protocol, Src Port: 22486, Dst Port: 514
 Source Port: 22486
 Destination Port: 514
 Length: 969

0000 00 0c 29 a9 73 0f 00 09 0f 09 01 00 08 00 45 00 ..).s... ..E.
 0010 03 dd fe 51 00 00 40 11 61 25 0a 00 01 c8 0a 00 ...Q..@.a%.....
 0020 01 d2 57 d6 02 02 03 c9 a1 55 ec cf 20 40 00 10 ..W.....U..@..
 0030 0f 04 00 03 03 86 06 f0 65 c1 4a 04 46 47 56 4de-J-FGVM
 0040 30 31 30 30 30 30 30 36 34 36 39 32 4c 6f 63 61 01000006 4692Loca
 0050 6c 2d 46 6f 72 74 69 47 61 74 65 72 6f 6f 74 02 l-FortiG ateroot.
 0060 92 02 2f 02 2f f2 14 64 61 74 65 3d 32 30 32 34 ..//..d ate=2024
 0070 2d 30 32 2d 30 35 20 74 69 6d 65 3d 31 32 3a 35 -02-05 t ime=12:5
 0080 30 3a 31 32 20 65 76 65 6e 74 13 00 f3 17 37 30 0:12 eve nt....70

The capture displayed was taken on a FortiAnalyzer.
Why is a single IP address shown as the source for all logs received?

- A. FortiAnalyzer is using the device MAC addresses to differentiate their logs.
B. The logs belong to devices that are part of a high availability (HA) cluster.
C. FortiAnalyzer is receiving logs from the root FortiGate of a Security Fabric.
D. The device sending logs has two VDOMs in the same ADOM.

Answer: C

Explanation:

In a Fortinet Security Fabric, logs from downstream devices can be sent to FortiAnalyzer through the root FortiGate. This is why all the logs have the same source IP address (the root FortiGate). The root FortiGate aggregates and forwards the logs from all downstream devices, so the source IP in the log capture will appear to be from the root FortiGate itself, even though the logs originate from multiple devices within the fabric.

NEW QUESTION 10

Which two statements about high availability (HA) on FortiAnalyzer are true? (Choose two.)

- A. FortiAnalyzer HA supports synchronization of logs as well as some system and configuration settings.
B. FortiAnalyzer HA active-passive mode can function without VRRP.
C. All devices in a FortiAnalyzer HA cluster must run in the same operation mode, either analyzer mode or collector mode.
D. All devices in a FortiAnalyzer HA cluster must have the same available disk space.

Answer: A

Explanation:

The two correct statements about high availability (HA) on FortiAnalyzer are:

FortiAnalyzer HA supports synchronization of logs as well as some system and configuration settings.

FortiAnalyzer HA synchronizes both logs and certain system configuration settings between the units in the cluster to ensure consistent operation.

All devices in a FortiAnalyzer HA cluster must run in the same operation mode, either analyzer mode or collector mode.

In an HA cluster, all devices must be configured to operate in the same mode --- either analyzer mode or collector mode---to ensure consistency and proper functionality across the cluster.

The other options, such as VRRP, are not required for HA in FortiAnalyzer, and disk space can vary between nodes but may impact log storage capacity.

NEW QUESTION 10

Which statement about the communication between FortiGate high availability (HA) clusters and FortiAnalyzer is true?

- A. If devices were registered to FortiAnalyzer before forming a cluster, you can manually add them together
- B. FortiAnalyzer distinguishes each cluster member by the IP addresses in log message header
- C. If the HA primary device becomes unavailable, you must remove it from the HA cluster list on FortiAnalyzer
- D. The FortiGate HA cluster must be in active-passive mode in order to avoid conflict.

Answer: B

Explanation:

This allows FortiAnalyzer to correctly identify and process logs from different members of the HA cluster.

NEW QUESTION 15

An administrator has configured the following settings:

```
#config system global
    set log-checksum md5-auth
end
```

What is the purpose of executing these commands?

- A. To record the hash value and authentication code of log file
- B. To encrypt log transfer between FortiAnalyzer and other device
- C. To create the secure channel used by the OFTP proces
- D. To verify the integrity of the log files received.

Answer: A

Explanation:

:

The command set log-checksum md5-auth configures FortiAnalyzer to generate an MD5 hash for each log file, along with an authentication code. This ensures that the integrity of the logs can be verified, confirming that the logs have not been tampered with.

NEW QUESTION 18

Which statement correctly describes RAID 10 (1+0) on FortiAnalyzer?

- A. A configuration with four disks, each with 2 TB of capacity, provides a total space of 4 T
- B. 11 combines mirroring striping and distributed parity to provide performance and fault toleranc
- C. A configuration with four disks, each with 2 TB of capacity, provides a total space of 2 T
- D. It uses striping to provide performance and fault tolerance.

Answer: A

Explanation:

RAID 10 combines mirroring (RAID 1) and striping (RAID 0). In a RAID 10 setup with four disks, data is mirrored across two pairs of disks, and those pairs are striped for performance. This results in improved performance and fault tolerance, but the total usable storage is 50% of the total raw storage, meaning four 2 TB disks provide 4 TB of usable space.

NEW QUESTION 21

What is the recommended method of expanding disk space on a FortiAnalyzer VM?

- A. From the VM host manager, add an additional virtual disk and use the #execute lvm extendcommand to expand the storage.
- B. From the VM host manager, expand the size of the existing virtual disk.
- C. From the VM host manager, expand the size of the existing virtual disk and use the # executeformat disk command to reformat the disk.
- D. From the VM host manager, add an additional virtual disk and rebuild your RAID array.

Answer: A

Explanation:

Adding an Additional Virtual Disk:

From the VM host manager (such as VMware vSphere or Hyper-V), you can add a new virtual disk to the FortiAnalyzer VM.

Extending the Logical Volume:

After adding the new disk, use commands like #execute lvm extend within the FortiAnalyzer to extend the logical volume, making the additional storage available to the VM. This is particularly useful when you need to add more storage without disrupting existing data.

This approach is recommended when you need to ensure the FortiAnalyzer VM can handle more storage without reformatting or affecting existing data.

NEW QUESTION 26

Refer to the exhibit.

Event	Event Status	Event Type	Count	Severity
<div> <div> 151.101.54.62 (1) </div> <div> Insecure SSL Connection blocked from 10.0.3.20 </div> </div>	Mitigated	 SSL	1	 Low

Which statement is correct regarding the event displayed?

- A. An incident was created from this event.
- B. The security risk was blocked or dropped.
- C. The security event risk is considered open.
- D. The risk source is isolated.

Answer: B

Explanation:

The event status is "Mitigated", which indicates that the insecure SSL connection was successfully blocked or prevented.

Events in FortiAnalyzer will be in one of four statuses.

The current status will determine if more actions need to be taken by the security team or not.

The possible statuses are: Unhandled: The security event risk is not mitigated or contained, so it is considered open.

Contained: The risk source is isolated.

Mitigated: The security risk is mitigated by being blocked or dropped.

NEW QUESTION 31

What are two of the key features of FortiAnalyzer? (Choose two.)

- A. Centralized log repository
- B. Cloud-based management
- C. Reports
- D. Virtual domains (VDOMs)

Answer: AC

Explanation:

FortiAnalyzer acts as a central repository for collecting and storing logs from multiple Fortinet devices. This centralized log management facilitates efficient analysis, search, and correlation of logs from across the network.

FortiAnalyzer provides robust reporting capabilities, allowing users to generate detailed reports based on collected logs and data. These reports can include insights on security events, network performance, and compliance.

Cloud-based management is not a primary feature of FortiAnalyzer, as it is typically an on-premises appliance, although it can integrate with cloud services.

Virtual domains (VDOMs) are a feature of FortiGate devices, allowing them to be partitioned into multiple virtual domains for administrative and policy separation.

FortiAnalyzer itself does not provide VDOMs.

NEW QUESTION 35

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