

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 232 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 232

Topic #: 1

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HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Azure distributed denial of service (DDoS) protection
is an example of protection that is implemented at the

▼

application layer.

compute layer.

networking layer.

perimeter layer.

Show Suggested Answer

by [MentalG](#) at Sept. 27, 2021, 2:44 p.m.

Comments

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  **MasoudK** Highly Voted  3 years ago

definitely Perimeter layer:

The perimeter layer uses distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for users.

The network layer limits communication between resources through segmentation and access controls. link:

<https://docs.microsoft.com/en-us/learn/modules/secure-network-connectivity-azure/2-what-is-defense-in-depth>

   upvoted 99 times

  **Nathan12345** 1 month, 3 weeks ago

no network layer, DDoS attacks to make the app unavailable to the legitimate user. so it continuously sends the req to crash the server. so basically its the network layer. overwhelm with excessive traffic.

   upvoted 2 times

  **cazzobsb** 2 years, 5 months ago

Defense-in-Depth? ---> Perimeter Layer

OSI Model? ---> Network layer

Not specifying ? ----> crappy question

   upvoted 25 times

  **[Removed]** 2 years, 7 months ago

That is what I thought... I am going with Perimeter layer

   upvoted 2 times

  **nordejulme** Highly Voted  3 years ago

"The perimeter layer uses distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for users."




<https://docs.microsoft.com/en-us/learn/modules/secure-network-connectivity-azure/2-what-is-defense-in-depth>

   upvoted 19 times

  **PN60** Most Recent  20 hours, 24 minutes ago

Multi-Layered protection: When deployed with a web application firewall (WAF), Azure DDoS Protection protects both at the network layer (Layer 3 and 4, offered by Azure DDoS Protection) and at the application layer (Layer 7, offered by a WAF).

WAF offerings include Azure Application Gateway WAF SKU and third-party web application firewall offerings available in the Azure Marketplace.

   upvoted 1 times

  **PN60** 20 hours, 28 minutes ago

what is the correct answer? Can a moderator please confirm?

   upvoted 1 times

  **zswap** 1 week, 3 days ago

As per <https://learn.microsoft.com/en-us/azure/ddos-protection/ddos-protection-overview>, the Azure Distributed Denial of Service (DDoS) protection operates at the network layer (Layer 3 and Layer 4). So, Network layer is correct answer

   upvoted 2 times

  **iVelocity** 3 months ago

Network for me:

"Azure DDoS Protection protects at layer 3 and layer 4 network layers."

<https://learn.microsoft.com/en-us/azure/ddos-protection/ddos-protection-overview>

   upvoted 5 times


  **bcfe05d** 3 months, 3 weeks ago

Azure DDoS Protection is not specifically part of the perimeter layer. Instead, it operates at both layer 3 (network layer) and layer 4 (transport layer) to defend against volumetric and protocol attacks. For web applications, protection at layer 7 is achieved by adding a Web Application Firewall (WAF) offering

   upvoted 3 times


  **PPV20** 7 months, 1 week ago

Perimeter layer

   upvoted 1 times

  **PPV20** 7 months, 1 week ago

Perimeter is the right answer

   upvoted 1 times

  **SAFM** 1 year ago

The answer is wrong!

The correct answer should be Perimeter. See this link for Defense in depth under "Perimeter":

The correct answer should be Perimeter. See this link for Defence in depth under Perimeter :
<https://learn.microsoft.com/en-us/training/modules/describe-azure-identity-access-security/8-describe-defense-depth>

   upvoted 2 times

  **SAFM** 1 year ago

P.S. need to specify the reference to the Defence in Depth layers (not the standard OSI model).

   upvoted 1 times

  **SinaRamzi** 1 year ago

Azure DDoS (Distributed Denial of Service) protection is implemented at the network layer. Specifically, it is designed to protect your Azure resources and applications from DDoS attacks by monitoring and mitigating malicious traffic at the network level before it reaches your virtual machines or services. This protection is deployed at Microsoft's global network edge, helping to safeguard your Azure assets from DDoS attacks that can overwhelm your network resources and disrupt your services. So, it primarily operates at the network perimeter to defend against DDoS threats.

   upvoted 1 times

  **MANANDAVEY** 1 year, 3 months ago

its perimeter

   upvoted 3 times

  **zimzimzima** 1 year, 4 months ago

It's called Perimeter for a reason...

   upvoted 4 times

  **Colonel23** 1 year, 4 months ago


I would of assumed Perimeter layer because in the earlier question DDoS was related to perimeter. Other than that, I honestly would not know.

   upvoted 1 times

  **Luckybird** 1 year, 4 months ago

The perimeter layer uses distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for users.

   upvoted 2 times

  **Marcal** 1 year, 5 months ago

Azure Distributed Denial of Service (DDoS) Protection is an example of protection that is implemented at the network layer (Layer 3 and 4) ¹. It's automatically tuned to help protect your specific Azure resources in a virtual network¹². Protection is simple to enable on any new or existing virtual network, and it requires no application or resource changes¹.

   upvoted 1 times

  **Chik123** 1 year, 6 months ago

Question # 10 (Multiple Choice)

Which defense in depth layer uses distributed denial of service (DDoS) protection?

- A. Physical security layer
- B. Perimeter layer
- C. Network layer
- D. Application layer

Item Description

Answer: B

Objective: 2.4 Describe Azure identity, access, and security

Rationale: The perimeter layer uses distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for users.

URL: <https://learn.microsoft.com/training/modules/secure-network-connectivity-azure/2-what-is-defense-in-depth>

<https://learn.microsoft.com/en-us/certifications/resources/az-900-sample-questions>

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