Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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NEW QUESTION 1
- (Exam Topic 1)
You need to configure the default route in Vnet2 and Vnet3. The solution must meet the virtual networking requirements.
What should you use to configure the default route?

A. a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3
B. a user-defined route assigned to GatewaySubnet in Vnet1
C. BGP route exchange
D. route filters

Answer: A

Explanation:
VNet 1 will get the default from BGP and propagate it to VNET 2 and 3

NEW QUESTION 2
- (Exam Topic 1)
You need to implement name resolution for the cloud.liwareinc.com. The solution must meet the networking requirements.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

To implement automatic DNS name registration in cloud.litwareinc.com:
- Create virtual network links
- Configure conditional forwarding
- Create an SOA record in cloud.litwareinc.com

To implement name resolution of the cloud.litwareinc.com DNS records from the on-premises locations:
- Enable the Azure Firewall DNS proxy
- Create SRV records in cloud.litwareinc.com
- Deploy an Azure virtual machine configured as a DNS server to Vnet1

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/dns/private-dns-autoregistration
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-name-resolution-for-vms-and-role-insta

NEW QUESTION 3
- (Exam Topic 2)
You are implementing the Virtual network requirements for Vnet6.
What is the minimum number of subnets and service endpoints you should create? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Subnets: 0

Service endpoints: 0

A. Mastered
B. Not Mastered

Answer: A

Explanation:
2, 4

NEW QUESTION 4
- (Exam Topic 3)
You have an Azure Web Application Firewall (WAF) policy in prevention mode that is associated to an Azure Front Door instance.

You need to configure the policy to meet the following requirements:
- Log all connections from Australia.
- Deny all connections from New Zealand.
- Deny all further connections from a network of 131.107.100.0/24 if there are more than 100 connections during one minute.

What is the minimum number of objects you should create?

A. three custom rules that each has one condition
B. one custom rule that has three conditions
C. one custom rule that has one condition
D. one rule that has two conditions and another rule that has one condition

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/web-application-firewall/afds/afds-overview

NEW QUESTION 5
- (Exam Topic 3)
You have an Azure Front Door instance named FD1 that is protected by using Azure Web Application Firewall (WAF).
FD1 uses a frontend host named app1.contoso.com to provide access to Azure web apps hosted in the East US Azure region and the West US Azure region.
You need to configure FD1 to block requests to app1.contoso.com from all countries other than the United States.
What should you include in the WAF policy?

A. a frontend host association
B. a managed rule set
C. a custom rule that uses a rate limit rule
D. a custom rule that uses a match rule

Answer: C

NEW QUESTION 6
- (Exam Topic 3)
You have a hybrid environment that uses ExpressRoute to connect an on-premises network and Azure.
You need to log the uptime and the latency of the connection periodically by using an Azure virtual machine and an on-premises virtual machine.
What should you use?

A. Azure Monitor
B. IP flow verify
C. Connection Monitor
D. Azure Internet Analyzer

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/network-watcher/connection-monitor

NEW QUESTION 7
- (Exam Topic 3)
You plan to deploy an Azure virtual network. You need to design the subnets.
Which three types of resources require a dedicated subnet? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. VPN gateway
B. Azure Bastion
C. Azure Active Directory Domain Services (Azure AD DS)
D. Azure Application Gateway v2
E. Azure Private Link

Answer: ABD

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-for-azure-services

NEW QUESTION 8
- (Exam Topic 3)
You configure a route table named RT1 that has the routes shown in the following table.

Name	Prefix	Next hop type	Next hop IP address
Route1	0.0.0.0/0	Network virtual appliance (NVA)	192.168.0.4
Route2	10.0.0.0/24	Network virtual appliance (NVA)	192.168.0.4

You have an Azure virtual network named Vnet1 that has the subnets shown in the following table.

Name	Prefix	Route table
DMZ	192.168.0.0/24	None
FrontEnd	192.168.1.0/24	RT1
BackEnd	192.168.2.0/24	None

You have the resources shown in the following table.

Name	IP address	Type	
NVA1	192.168.0.4	NVA	
VM1	192.168.1.4	Virtual machine	
VM2	192.168.2.4	Virtual machine	

Vnet1 connects to an ExpressRoute circuit.
The on-premises router advertises the following routes:
* 0.0.0.0/0
* 10.0.0.0/16
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Internet traffic from NVA1 is routed to the on-premises network.	○	○
Traffic from VM1 is routed to the on-premises network through NVA1.	○	○
Traffic from VM1 is routed to VM2 through NVA1.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Internet traffic from NVA1 is routed to the on-premises network.	☐	○
Traffic from VM1 is routed to the on-premises network through NVA1.	☐	○
Traffic from VM1 is routed to VM2 through NVA1.	☐	○

NEW QUESTION 9
- (Exam Topic 3)
You have the Azure load balancer shown in the Load Balancer exhibit.

LB2 📌 ...
Load balancer

→ Move ∨   🗑 Delete   ↻ Refresh

∧ Essentials   JSON View

Resource group (change)   Backend pool
RG1   LB2-BEP1 (2 virtual machines)

Location   Load balancing rule
North Europe   -

Subscription (change)   Health probe
Subscription1   -

Subscription ID   NAT rules
169d1bba-ba4c-471c-b513-092eb7063265   0 inbound

SKU   Public IP address
Standard   20.82.214.15 (LB2-IP1)

Tags (change)
Click here to add tags

LB2 has the backend pools shown in the Backend Pools exhibit.
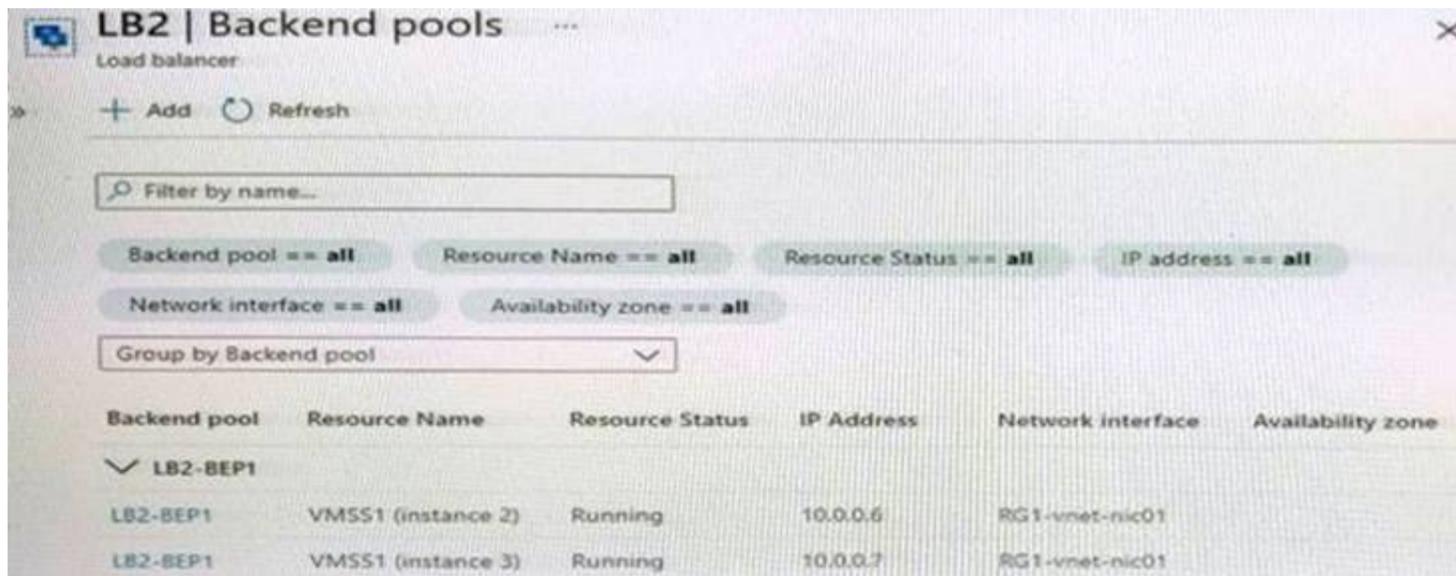
You need to ensure that LB2 distributes traffic to all the members of VMSS1.
What should you do?

A. Add a network interface to VMSS1.
B. Configure a health probe.
C. Add a public IP address to each member of VMSS1.
D. Add a load balancing rule.

Answer: D

NEW QUESTION 10
- (Exam Topic 3)
You have an Azure subscription.
You have the on-premises sites shown the following table.

Name	Number of users	Connection type to Azure
Site1	500	ExpressRoute
Site2	100	Site-to-Site VPN
Site3	1	Point-to-Site (P2S) VPN

You plan to deploy Azure Virtual WAN.
You are evaluating Virtual WAN Basic and Virtual WAN Standard.
Which type of Virtual WAN can you use for each site? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
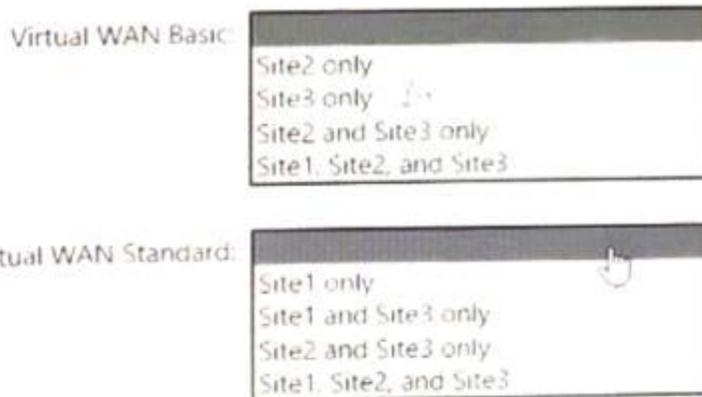
A. Mastered
B. Not Mastered

Answer: A

Explanation:
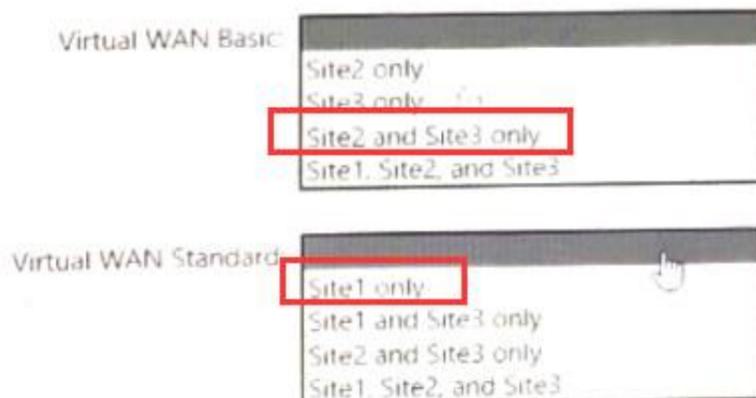
NEW QUESTION 10

- (Exam Topic 3)
You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com. The subscription contains the following resources:
* An Azure App Service app named App1
* An Azure DNS zone named contoso.com
* An Azure private DNS zone named private.contoso.com
* A virtual network named Vnet1
You create a private endpoint for App1. The record for the endpoint is registered automatically in Azure DNS. You need to provide a developer with the name that is registered in Azure DNS for the private endpoint.
What should you provide?

A. app1.privatelink.azurewebsites.net
B. app1.contoso.com
C. app1.contoso.onmicrosoft.com
D. app1.private.contoso.com

Answer: A

NEW QUESTION 15
- (Exam Topic 3)
You have an Azure Front Door instance that has a single frontend named Frontend1 and an Azure Web Application Firewall (WAF) policy named Policy1. Policy1 redirects requests that have a header containing "string1" to https://www.contoso.com/redirect1. Policy1 is associated to Frontend1.
You need to configure additional redirection settings. Requests to Frontend1 that have a header containing "string2" must be redirected to https://www.contoso.com/redirect2.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Create a custom rule.
B. Configure a managed rule.
C. Create a frontend host.
D. Create a policy.
E. Create an association.
F. Add a custom rule to Policy1.

Answer: ABE

NEW QUESTION 17
- (Exam Topic 3)
You have two Azure virtual networks named Vnet1 and Vnet2 in an Azure region that has three availability zones.
You deploy 12 virtual machines to each virtual network, deploying four virtual machines per zone. The virtual machines in Vnet1 host an app named App1. The virtual machines in Vnet2 host an app named App2.
You plan to use Azure Virtual Network NAT to implement outbound connectivity for App1 and App2. You need to identify the minimum number of subnets and Virtual Network NAT instances required to meet
the following requirements:
• A failure of two zones must NOT affect the availability of either App1 or App2.
• A failure of two zones must NOT affect the outbound connectivity of either Appl1or App2. What should you identify? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of subnets:
```
1
2
6
12
```

Minimum number of Virtual Network NAT instances:
```
1
2
6
12
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Minimum number of subnets: 1

Minimum number of Virtual Network NAT instances: 2

NEW QUESTION 19
- (Exam Topic 3)

You have an Azure private DNS zone named contoso.com that is linked to the virtual networks shown in the following table.

Name	IP address
Vnet1	10.1.0.0/16
Vnet2	10.2.0.0/16

The links have auto registration enabled.
You create the virtual machines shown in the following table.

Name	IP address
VM1	10.1.10.10
VM2	10.2.10.10
VM3	10.2.10.11

You manually add the following entry to the contoso.com zone:

≫ Name: VM1

≫ IP address: 10.1.10.9

For each of the following statements, select Yes of the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
VM2 will resolve vm1.contoso.com to 10.1.10.10	◯	◯
Deleting VM1 will delete the VM1 record automatically	◯	◯
Changing the IP address of VM3 will update the DNS record of VM3 automatically	◯	◯

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 1: No
The manual DNS record will overwrite the auto-registered DNS record so VM1 will resolve to 10.1.10.9. Box 2: No
The DNS record for VM1 is now a manually created record rather than an auto-registered record. Only auto-registered DNS records are deleted when a VM is deleted.
Box 3: No
This answer depends on how the IP address is changed. To change the IP address of a VM manually, you would need to select 'Static' as the IP address assignment. In this case, the DNS record will not be updated because only DHCP assigned IP addresses are auto-registered.
Reference:
https://docs.microsoft.com/en-us/azure/dns/dns-faq-private

NEW QUESTION 24
- (Exam Topic 3)
You have two Azure App Service instances that host the web apps shown the following table.

Name	Web app URLs
As1.contoso.com	https://app1.contoso.com/
	https://app2.contoso.com/
As2.contoso.com	https://app3.contoso.com/
	https://app4.contoso.com/

You deploy an Azure application gateway that has one public frontend IP address and two backend pools. You need to publish all the web apps to the application gateway. Requests must be routed based on the HTTP
host headers.
What is the minimum number of listeners and routing rules you should configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Listeners: 1 ▲▼

Routing rules: 1 ▲▼

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1, 2

NEW QUESTION 29

- (Exam Topic 3)
You have an Azure application gateway named AGW1 that
has a routing rule named Rule1. Rule 1 directs traffic for http://www.contoso.com to a backend pool named Pool1. Pool1 targets an Azure virtual machine scale set named VMSS1.
You deploy another virtual machine scale set named VMSS2. You need to configure
AGW1 to direct all traffic for http://www.adatum.com to VMSS2.
The solution must ensure that requests to http://www.contoso.com continue to be directed to Pool1. Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Add a backend pool.
B. Modify an HTTP setting.
C. Add an HTTP setting.
D. Add a listener.
E. Add a rule.

Answer: ADE

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/application-gateway/configuration-overview

NEW QUESTION 31

- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have two Azure virtual networks named Vnet1 and Vnet2.
You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to-Site (P2S) IKEv2 VPN.
You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit. Vnet2 can use the remote gateway.
You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2.
Solution: You download and reinstall the VPN client configuration. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The VPN client must be downloaded again if any changes are made to VNet peering or the network topology. Reference:
https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing

NEW QUESTION 35

- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled. You configure the application gateway to direct traffic to the URL of the application gateway.
You attempt to access the URL and receive an HTTP 403 error. You view the diagnostics log and discover the following error.

{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceId": "/SUBSCRIPTIONS/6efbb4a5-d91a-4e4a-b6bf-5bdd6efea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1
",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of \\\"pm AppleWebKit Android\\\" against \\\"REQUEST_HEADERS:User-Agent\\\" required. ",
      "data": "",
      "file": "rules\\/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "app1.contoso.com",
    "transactionId": "d654811d0hgq3ea198165hq7428d74h6",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "Global"
  }
}

You need to ensure that the URL is accessible through the application gateway.
Solution: You create a WAF policy exclusion request headers that contain 137.135.10.24. Does this meet the goat?

A. Yes
B. No

Answer: B

NEW QUESTION 36
- (Exam Topic 3)
You have an Azure subscription that contains two virtual networks named Vnet1 and Vnet2.
You register a public DNS zone named fabrikam.com. The zone is configured as shown in the Public DNS Zone exhibit.
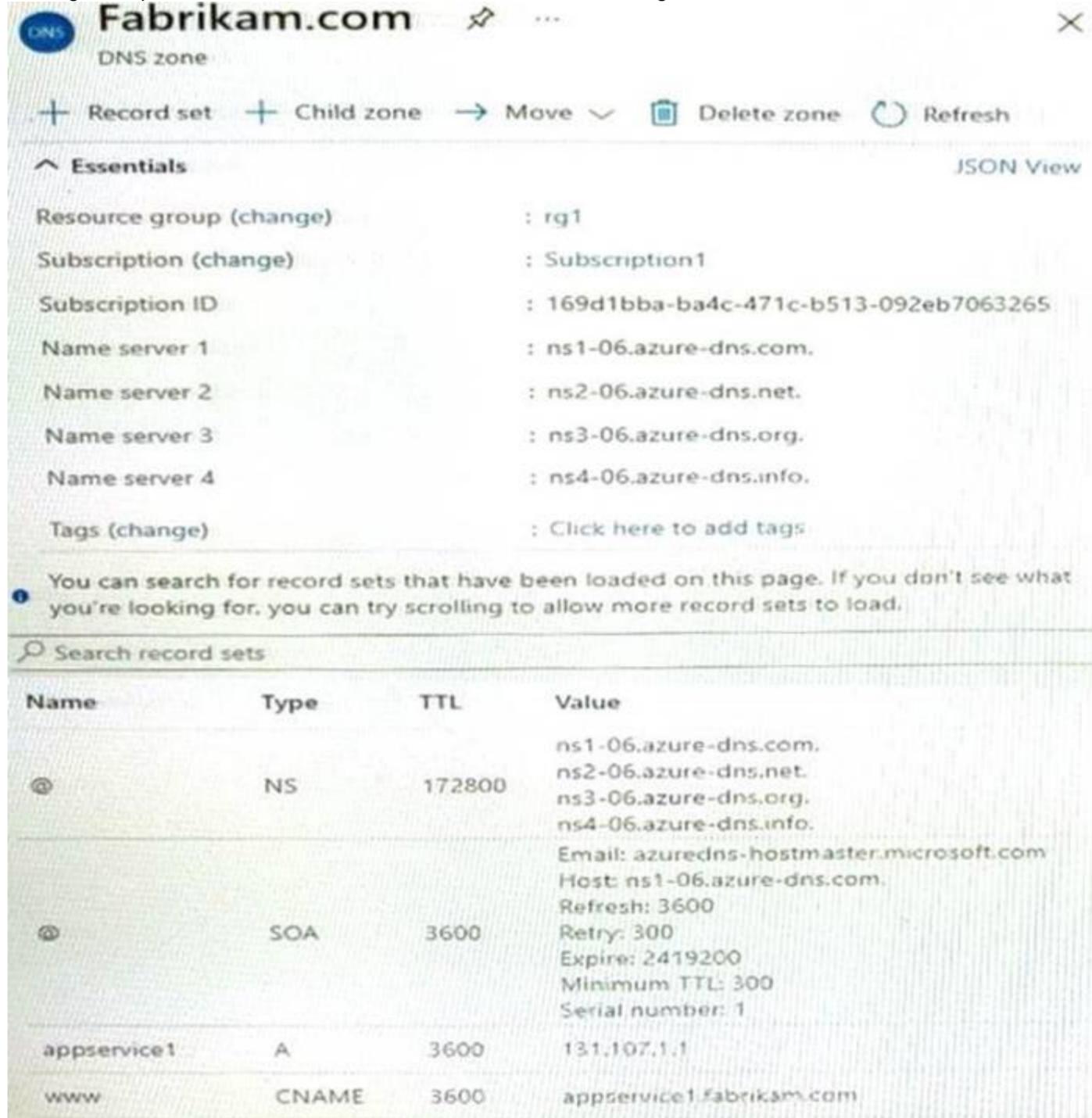
Fabrikam.com
DNS zone

 + Record set   + Child zone   → Move ∨   🗑 Delete zone   ⟳ Refresh

∧ **Essentials**   JSON View

Resource group (change)	: rg1
Subscription (change)	: Subscription1
Subscription ID	: 169d1bba-ba4c-471c-b513-092eb7063265
Name server 1	: ns1-06.azure-dns.com.
Name server 2	: ns2-06.azure-dns.net.
Name server 3	: ns3-06.azure-dns.org.
Name server 4	: ns4-06.azure-dns.info.
Tags (change)	: Click here to add tags

ⓘ You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

🔎 Search record sets

Name	Type	TTL	Value
@	NS	172800	ns1-06.azure-dns.com. ns2-06.azure-dns.net. ns3-06.azure-dns.org. ns4-06.azure-dns.info.
@	SOA	3600	Email: azuredns-hostmaster.microsoft.com Host: ns1-06.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1
appservice1	A	3600	131.107.1.1
www	CNAME	3600	appservice1.fabrikam.com

You have a private DNS zone named fabrikam.com. The zone is configured as shown in the Private DNS Zone exhibit.

Fabrikam.com 📌 ... ✕

ⓓⓝⓢ Private DNS zone

+ Record set   → Move ∨   🗑 Delete zone   ⟳ Refresh

∧ Essentials   JSON View

Resource group (change)   : rg1

Subscription (change)   : Subscription1

Subscription ID   : 169d1bba-ba4c-471c-b513-092eb7063265

Tags (change)   : Click here to add tags

ⓘ You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

🔍 Search record sets

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.co... Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
appservice1	A	3600	131.107.100.10	False
server1	A	3600	131.107.100.1	False
server2	A	3600	131.107.100.2	False
server3	A	3600	131.107.100.3	False
www	CNAME	3600	appservice1.fabrikam.com	False

You have a virtual network link configured as shown in the Virtual Network Link exhibit.

Fabrikam.com | Virtual network links ... ✕

Private DNS zone

+ Add   ⟳ Refresh

🔍 Search virtual network links

Link Name	Link status	Virtual network	Auto-Registration	
vnet1_link	Completed	Vnet1	Disabled	...

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Queries for www.fabrikam.com from the internet are resolved to 131.107.1.1.	○	○
Queries for server1.fabrikam.com can be resolved from the internet.	○	○
Queries for www.fabrikam.com from Vnet2 are resolved to 131.107.100.10.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Queries for www.fabrikam.com from the internet are resolved to 131.107.1.1.	[○]	○
Queries for server1.fabrikam.com can be resolved from the internet.	○	[○]
Queries for www.fabrikam.com from Vnet2 are resolved to 131.107.100.10.	[○]	○

NEW QUESTION 41

- (Exam Topic 3)

You have an Azure subscription that contains the route tables and routes shown in the following table.

Route table name	Route name	Prefix	Destination
RT1	Default Route	0.0.0.0/0	VirtualNetworkGateway
RT2	Default Route	0.0.0.0/0	Internet

The subscription contains the subnets shown in the following table.

Name	Prefix	Route table	Virtual network
Subnet1	10.10.1.0/24	RT1	Vnet1
Subnet2	10.10.2.0/24	RT2	Vnet1
GatewaySubnet	10.10.3.0/24	None	Vnet1

The subscription contains the virtual machines shown in the following table.

Name	IP address
VM1	10.10.1.5
VM2	10.10.2.5

There is a Site-to-Site VPN connection to each local network gateway.

For each of the following statements, select Yes of the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Traffic from VM2 to the internet is routed through the New-York Site-to-Site VPN connection	○	○
Traffic from VM1 to VM2 is routed through the New-York Site-to-Site VPN connection	○	○
Traffic from VM1 to the internet is routed through the New-York Site-to-Site VPN connection	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A screenshot of a computer Description automatically generated with medium confidence
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview

NEW QUESTION 45
- (Exam Topic 3)
You have an Azure Front Door instance that provides access to a web app. The web app uses a hostname of www.contoso.com.
You have the routing rules shown in the following table.

Name	Path
RuleA	/abc/def
RuleB	/ab
RuleC	/*
RuleD	/abc/*

Which rule will apply to each incoming request? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point

Answer Area

www.contoso.com/abc/def	▼
	RuleA
	RuleB
	RuleC
	RuleD
www.contoso.com/default.htm	▼
	RuleA
	RuleB
	RuleC
	RuleD
www.contoso.com/abc/def/default.htm	▼
	RuleA
	RuleB
	RuleC
	RuleD

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-route-matching

NEW QUESTION 46
- (Exam Topic 3)
You have an Azure firewall shown in the following exhibit.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

On Firewall1, forced tunneling [**answer choice**]

▼
is enabled already
cannot be enabled
is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [**answer choice**]

▼
is enabled already
cannot be enabled
is disabled but can be enabled

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated
Box 1:
If forced tunneling was enabled, the Firewall Subnet would be named AzureFirewallManagementSubnet. Forced tunneling can only be enabled during the creation of the firewall. It cannot be enabled after the firewall has been deployed.
Box 2:
The "Visit Azure Firewall Manager to configure and manage this firewall" link in the exhibit shows that the firewall is managed by Azure Firewall Manager.

NEW QUESTION 48
......

Relate Links

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