servers in the Montreal office.

IP flow verify checks if a packet is allowed or denied to or from a virtual machine. The information consists of direction, protocol, local IP, remote IP, local port, and remote port. If the packet is denied by a security group, the name of the rule that denied the packet is returned. While any source or destination IP can be chosen, IP flow verify helps administrators quickly diagnose connectivity issues from or to the internet and from or to the on-premises environment.

#### References:

https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview

#### **QUESTION 8**

HOTSPOT You implement the planned changes for NSG1 and NSG2.

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	
From VM1, you can establish a Remote Desktop session to VM2.	0	0	
From VM2, you can ping VM3.	0	0	
From VM2, you can establish a Remote Desktop session to VM3.	0	0	

Correct Answer: Answer Area

Statements	Yes	No	
Statements	Tes	NO	
From VM1, you can establish a Remote Desktop session to VM2.	۲	0	
From VM2, you can ping VM3.	0	۲	
From VM2, you can establish a Remote Desktop session to VM3.	0	۲	

### **Topic 2, Humongous Insurance**

#### Overview

#### Existing Environment

Huongous Insurance is an insurance company that has three offices in Miami, Tokoyo, and Bankok. Each has 5000 users.

#### Active Directory Environment

Humongous Insurance has a single-domain Active Directory forest named humongousinsurance.com. The functional level of the forest is Windows Server 2012.

You recently provisioned an Azure Active Directory (Azure AD) tenant.

#### **Network Infrastructure**

Each office has a local data center that contains all the servers for that office. Each office has a dedicated connection to the Internet.

Each office has several link load balancers that provide access to the servers.

#### Active Directory Issue

Several users in humongousinsurance.com have UPNs that contain special characters.

You suspect that some of the characters are unsupported in Azure AD.

#### **Licensing Issue**

You attempt to assign a license in Azure to several users and receive the following error message: "Licenses not assigned. License agreement failed for one user."

You verify that the Azure subscription has the available licenses.

#### Requirements

#### **Planned Changes**

Humongous Insurance plans to open a new office in Paris. The Paris office will contain 1,000 users who will be hired during the next 12 months. All the resources used by the Paris office users will be hosted in Azure.

#### **Planned Azure AD Infrastructure**

The on-premises Active Directory domain will be synchronized to Azure AD.

All client computers in the Paris office will be joined to an Azure AD domain.

#### Planned Azure Networking Infrastructure

You plan to create the following networking resources in a resource group named All\_Resources:

- Default Azure system routes that will be the only routes used to route traffic
- A virtual network named Paris-VNet that will contain two subnets named Subnet1 and Subnet2
- A virtual network named ClientResources-VNet that will contain one subnet named ClientSubnet
- A virtual network named AllOffices-VNet that will contain two subnets named Subnet3 and Subnet4

You plan to enable peering between Paris-VNet and AllOffices-VNet. You will enable the Use remote gateways setting for the Paris-VNet peerings.

You plan to create a private DNS zone named humongousinsurance.local and set the registration

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network to the ClientResources-VNet virtual network.

Planned Azure Computer Infrastructure

Each subnet will contain several virtual machines that will run either Windows Server 2012 R2, Windows Server 2016, or Red Hat Linux.

#### **Department Requirements**

Humongous Insurance identifies the following requirements for the company's departments:

- Web administrators will deploy Azure web apps for the marketing department. Each web app will be added to a separate resource group. The initial configuration of the web apps will be identical. The web administrators have permission to deploy web apps to resource groups.
- During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.

#### Authentication Requirements

Users in the Miami office must use Azure Active Directory Seamless Single Sign-on (Azure AD Seamless SSO) when accessing resources in Azure.

#### **QUESTION 1**

HOTSPOT You are evaluating the connectivity between the virtual machines after the planned implementation of the Azure networking infrastructure.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

## Answer Area

Statements	Yes	No
The virtual machines on Subnet1 will be able to connect to the virtual machines on Subnet3.	0	0
The virtual machines on ClientSubnet will be able to connect to the Internet.	0	0
The virtual machines on Subnet3 and Subnet4 will be able to connect to the Internet.	0	0

**Correct Answer:** 

to

## Answer Area

Statements	Yes	No
The virtual machines on Subnet1 will be able to connect to the virtual machines on Subnet3.	0	0
The virtual machines on ClientSubnet will be able to connect to the Internet.	0	0
The virtual machines on Subnet3 and Subnet4 will be able to connect to the Internet.	0	0

#### **QUESTION 2**

Which blade should you instruct the finance department auditors to use?

- A. Partner information
- B. Overview
- C. Payment methods
- D. Invoices

# **Correct Answer:** D **Explanation:**

You can opt in and configure additional recipients to receive your Azure invoice in an email. This feature may not be available for certain subscriptions such as support offers, Enterprise Agreements, or Azure in Open.

Select your subscription from the Subscriptions page. Opt-in for each subscription you own. Click Invoices then Email my invoice.

Click Opt in and accept the terms.

Scenario: During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.

#### References:

https://docs.microsoft.com/en-us/azure/billing/billing-download-azure-invoice-daily-usage-date

#### **QUESTION 3**

HOTSPOT

You are evaluating the name resolution for the virtual machines after the planned implementation of the Azure networking infrastructure.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Statements	Yes	No
The virtual machines on Subnet1 will be able to resolve the hosts in the humongousinsurance.local zone.	0	0
The virtual machines on ClientSubnet will be able to register the hostname records in the humongousinsurance.local zone.	0	0
The virtual machines on Subnet4 will be able to register the hostname records in the humongousinsurance.local zone.	0	0
Correct Answer:		
Statements	Yes	No
The virtual machines on Subnet1 will be able to resolve the hosts in the humongousinsurance.local zone.	0	0
The virtual machines on ClientSubnet will be able to register the hostname records in the humongousinsurance.local zone.	0	0
The virtual machines on Subnet4 will be able to register the hostname records in the humongousinsurance.local zone.	0	0

#### **QUESTION 4**

You need to prepare the environment to meet the authentication requirements.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Allow inbound TCP port 8080 to the domain controllers in the Miami office.
- B. Add http://autogon.microsoftazuread-sso.com to the intranet zone of each client computer in the Miami office.
- C. Join the client computers in the Miami office to Azure AD.
- D. Install the Active Directory Federation Services (AD FS) role on a domain controller in the Miami office.
- E. Install Azure AD Connect on a server in the Miami office and enable Pass-through Authentication.

#### Correct Answer: BE

#### Explanation:

B: You can gradually roll out Seamless SSO to your users. You start by adding the following Azure AD URL to all or selected users' Intranet zone settings by using Group Policy in Active Directory: https://autologon.microsoftazuread-sso.com

E: Seamless SSO works with any method of cloud authentication - Password Hash Synchronization or Pass-through Authentication, and can be enabled via Azure AD Connect.

#### References:

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sso-quick-start