

# Knowledge check

3 minutes

Tailwind Traders has several requirements to meet for their production network environment. It's important that you select the right networking solutions to meet all of the requirements.

- **Non-internet facing web app.** The company needs to load balance incoming traffic to their web application, but the app can't be internet facing.
- **Network security.** You need to filter HTTP(S) traffic from Azure to on-premises, and filter traffic outbound to the internet.
- **Network architecture.** The Network team intends to deploy resources across several Azure regions. The configuration requires global connectivity between Azure virtual networks in these Azure regions and multiple on-premises locations. The company requires centralized management of the networks and connections.

## Answer the following questions

Choose the best response for each of the questions below. Then select **Check your answers**.

1. What solution would you recommend for the load-balancing requirements? \*

☐ Azure Front Door

☒ Azure Application Gateway

✓ Correct. Azure Application Gateway is the best choice for a web app that's not internet facing.

☐ Azure Load Balancer

2. Which security solution is necessary to filter the traffic as indicated? \*

☐ Azure Web Application Firewall on Azure Application Gateway

☐ Azure Bastion

☒ Azure Firewall

✓ Correct. Azure Firewall can filter HTTP(S) traffic from Azure to on-premises and outbound to the internet.

3. What network topology is recommended based on the architecture requirement? \*

☒ Azure Virtual WAN network topology

✓ Correct. A Virtual WAN topology meets the requirements for deploying resources across several Azure regions. It enables global connectivity between virtual networks in these Azure regions and multiple on-premises locations.

☐ Traditional network topology

☐ Single isolated virtual network

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