

## TASK 2: Application Gateway with two VMs

Application Gateway is a web traffic load balancer and application delivery controller service in Microsoft Azure. It distributes incoming HTTP/HTTPS requests to multiple backend servers, improving application responsiveness and reliability. Key features include URL-based routing, SSL termination, a Web Application Firewall (WAF) for security, session affinity, autoscaling, and health probes. It enhances performance, security, and availability for web applications in Azure.

- Load Balancing
- High Availability
- SSL Termination
- Web Application Firewall (WAF)
- URL-Based Routing
- Session Persistence:
- Autoscaling
- Health Probes
- Header Manipulation
- Microservices Support

Microsoft Azure Portal - Recent resources

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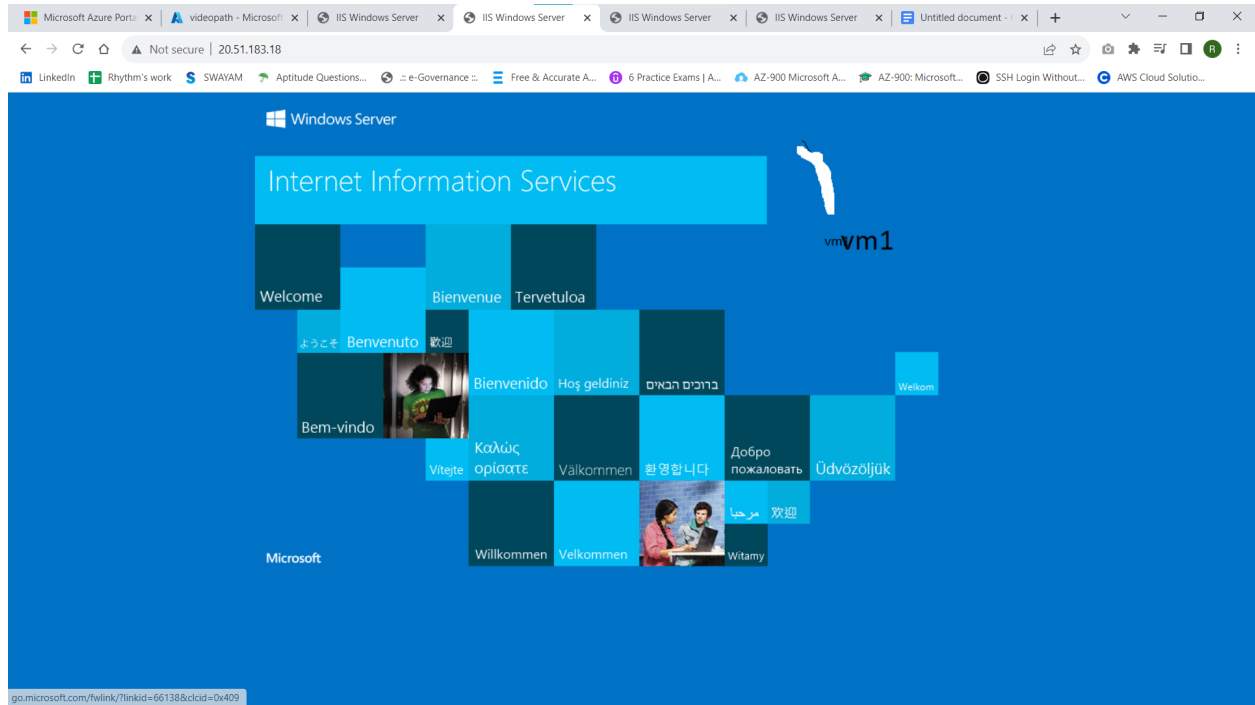
Showing 5 results.

Name	Type	Location	Resource Group	Subscription	Last accessed
AG-demo	Application gateway	East US	AG	Azure for Students	49 minutes ago
VM1	Virtual machine	East US	AG	Azure for Students	3 hours ago
VM2	Virtual machine	East US	AG	Azure for Students	3 hours ago
AG	Resource group		AG	Azure for Students	4 hours ago
AGVnet	Virtual network		AG	Azure for Students	4 hours ago

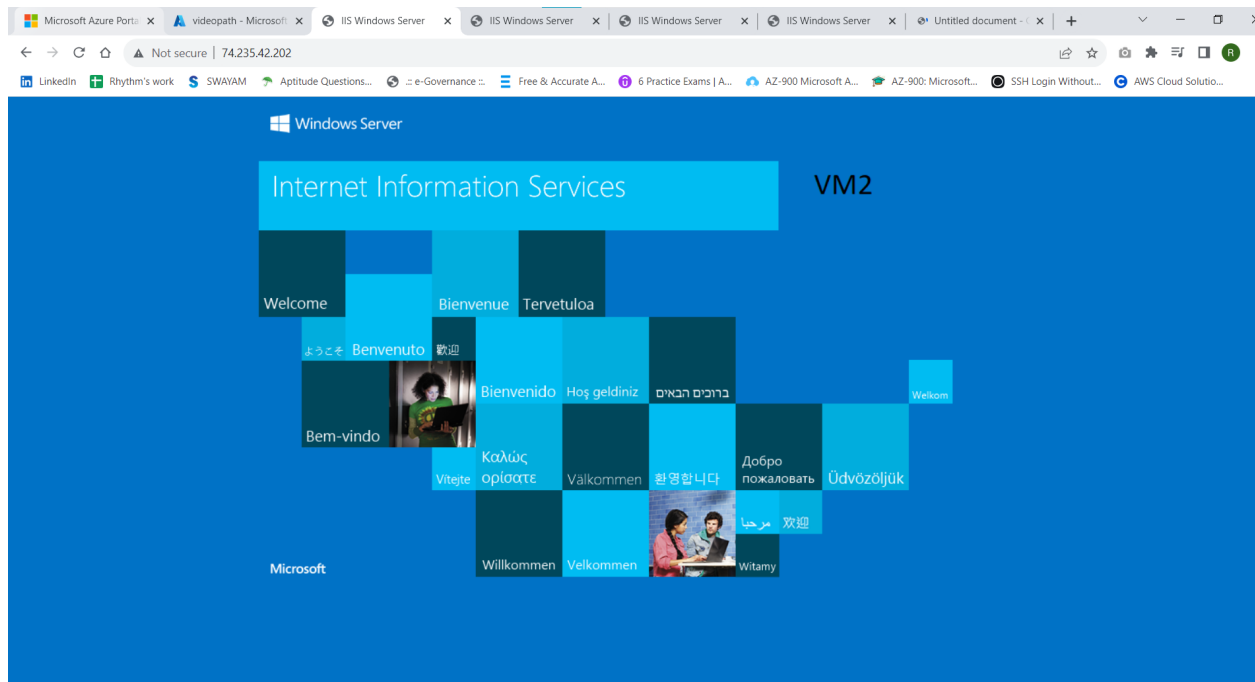
### 1.1 Resources Which are created

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Domain : DevOps(27th batch)



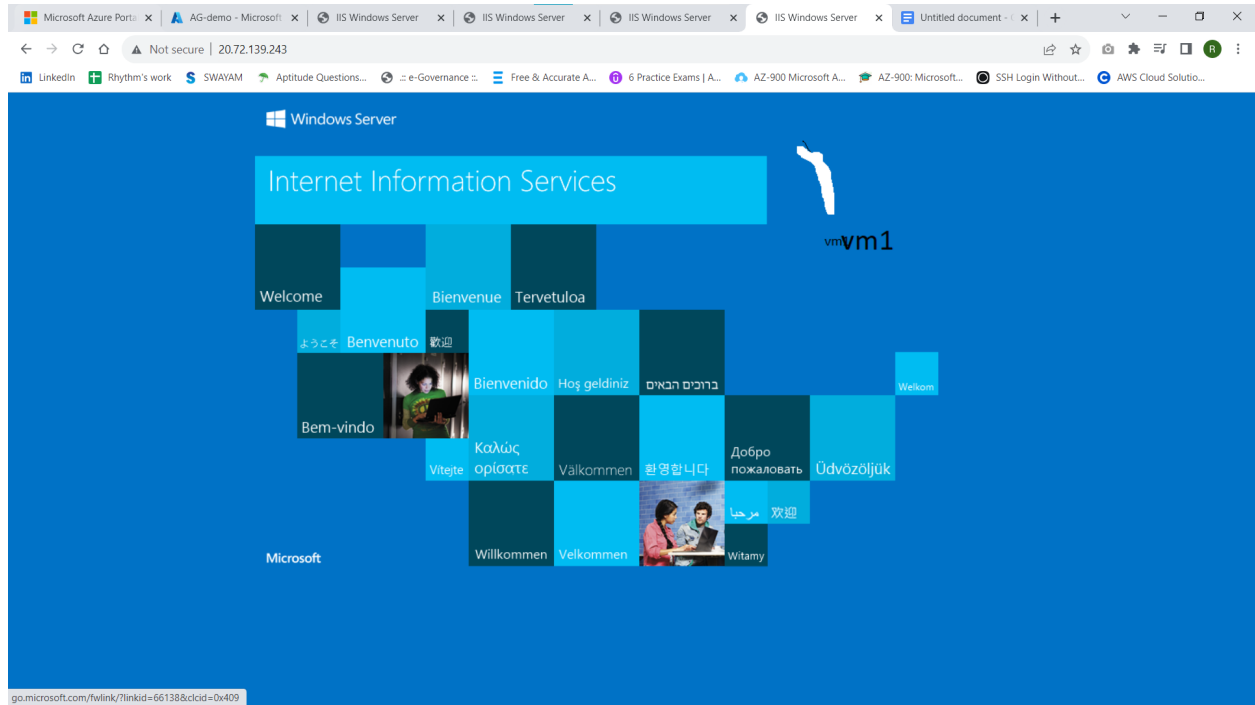
*1.2 IP address of the first VM*



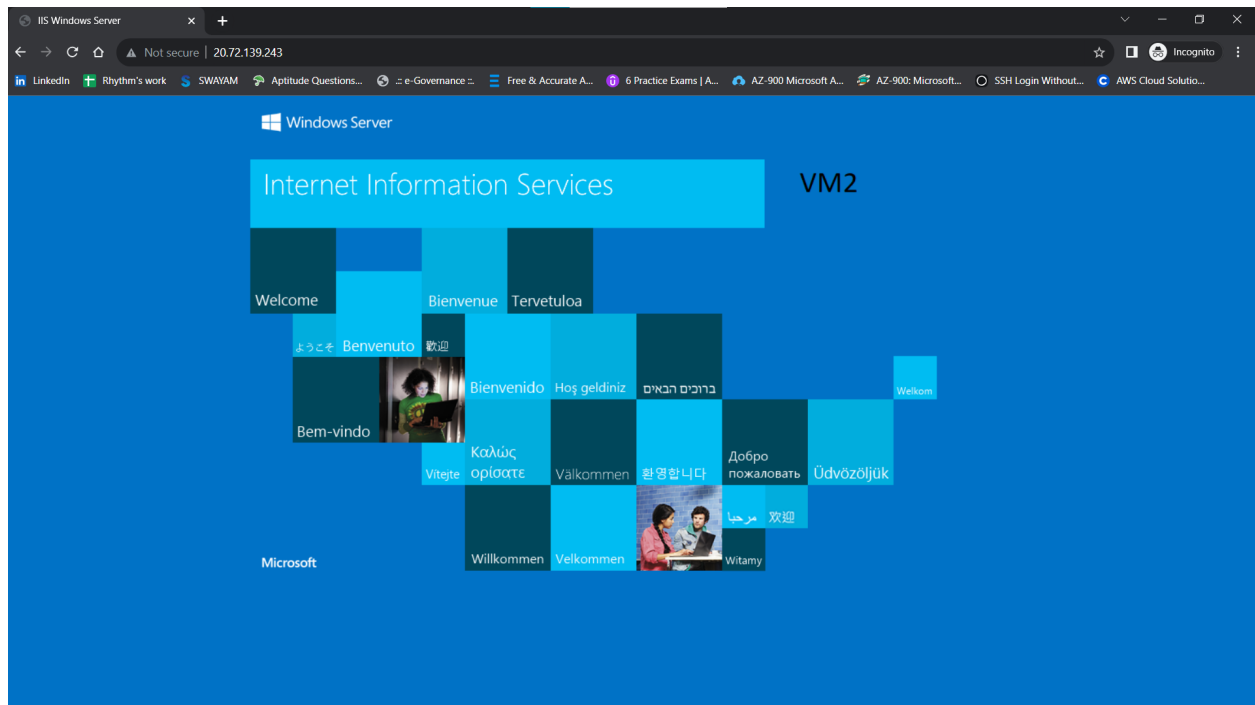
*1.3 IP address of the second VM*

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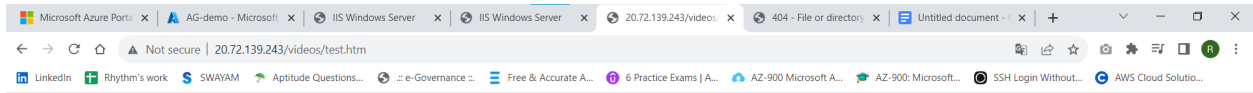
#### *1.4 Application Gateway IP address with first VM output*



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**Domain : DevOps(27th batch)**

### ***1.5 Application Gateway IP address with second VM output***



### **Heading vm1**

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### ***1.6 Application Gateway IP address with HTML file output from the first VM***