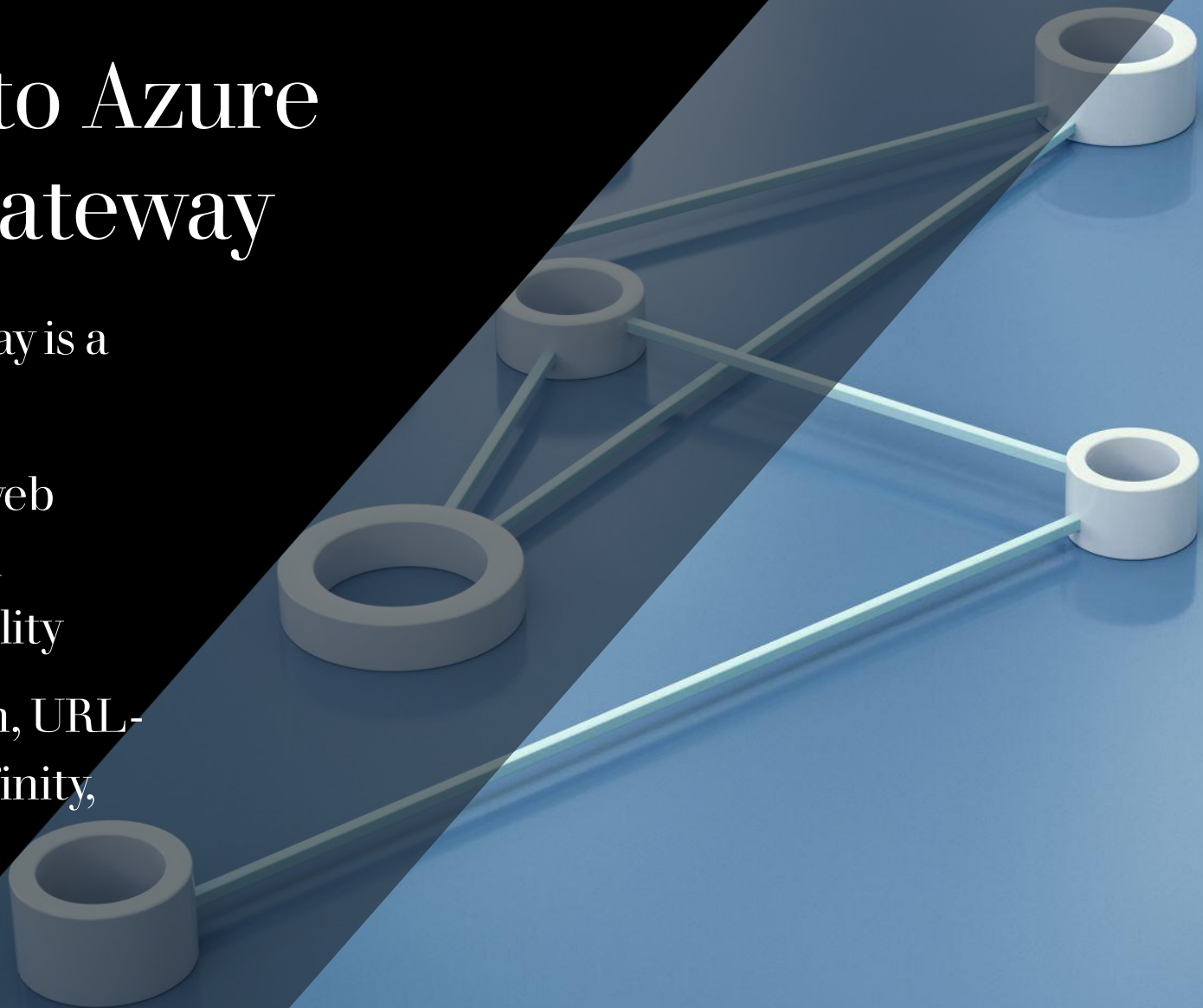


The background features a series of horizontal, wavy lines that create a sense of depth and movement. A sharp diagonal line splits the image, with the upper right portion being a lighter gray and the lower left portion being a darker gray. The text is positioned on the left side, over the lighter gray area.

LOAD BALANCER

Introduction to Azure Application Gateway

- Azure Application Gateway is a layer 7 load balancer
- It directs traffic to your web applications for improved performance and availability
- Features SSL termination, URL-based routing, session affinity, and WAF for security



Prerequisites

- An Azure subscription
- Backend web servers



Step 1: Sign in to the Azure Portal



GO TO [PORTAL.AZURE.COM](https://portal.azure.com)
IN YOUR WEB BROWSER



SIGN IN WITH YOUR AZURE
ACCOUNT CREDENTIALS

Step 2: Create an Application Gateway

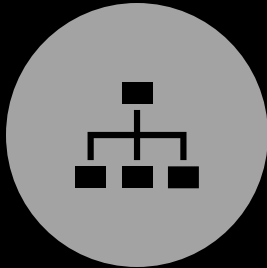
- Click on "+ Create a resource" in the upper-left corner
- Search for "Application Gateway" and select it from the results
- Click "Create" to start the creation process



Step 3: Basics Configuration



SELECT SUBSCRIPTION,
RESOURCE GROUP, AND
REGION



CHOOSE "STANDARD"
OR "WAF" TIER



DEFINE A NAME FOR
THE APPLICATION
GATEWAY



CHOOSE "PUBLIC" OR
"PRIVATE" IP ADDRESS

Step 4: Frontend IP Addresses

- Choose existing public IP or create a new one
- Select an existing subnet



Step 5: Backend Pools

- Click "Add a backend pool."
- Give it a name
- Select backend VMs or services
- Click "Add" to add them to the pool



Step 6: Backend HTTP Settings



Click "Add a backend HTTP setting."



Provide a name



Configure port, protocol, and session affinity



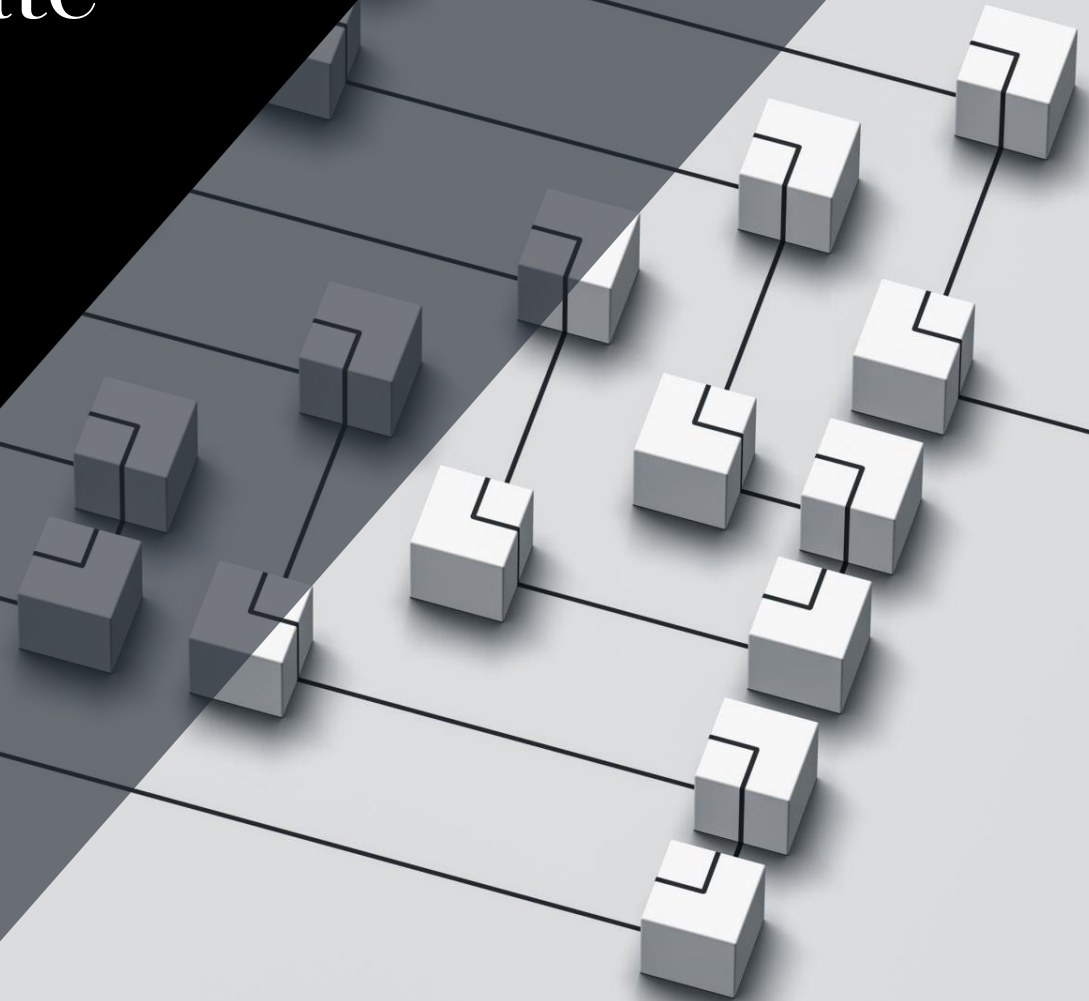
Click "Add" to create the setting

Step 7: Routing Rules

- Click "Add a routing rule."
- Give it a name
- Define the frontend IP and port
- Choose the backend pool and HTTP setting
- Optional: Enable path-based routing

Step 8: Review + Create

- Review all the configurations
- Click "Create" to deploy the Application Gateway



Step 9: Access and Test

- Obtain the public or private IP address from the overview page
- Update DNS settings or application configurations
- Test your web applications using the Application Gateway

```
use  
R_Z"  
false  
False  
= True
```

```
the end -add  
= 1  
lect=1
```

```
scene.objects.active  
ected" + str(modifier  
or_ob.select = 0  
py.context.selected_object  
ata.objects[one.name].select
```

```
print("please select exactly
```

```
-- OPERATOR CLASSES ----
```

```
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
error X"
```

```
context):  
text.active_object is not
```

Conclusion

- You've successfully created an Application Gateway in Azure
- It now directs traffic to your web applications, providing enhanced performance and security
- Remember to monitor the Application Gateway regularly for optimal performance

