

# Azure Application Gateway Overview

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Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications.

## Static VIP

This ensures that the VIP associated with application gateway doesn't change even over the lifetime of the Application Gateway.

## Connection draining

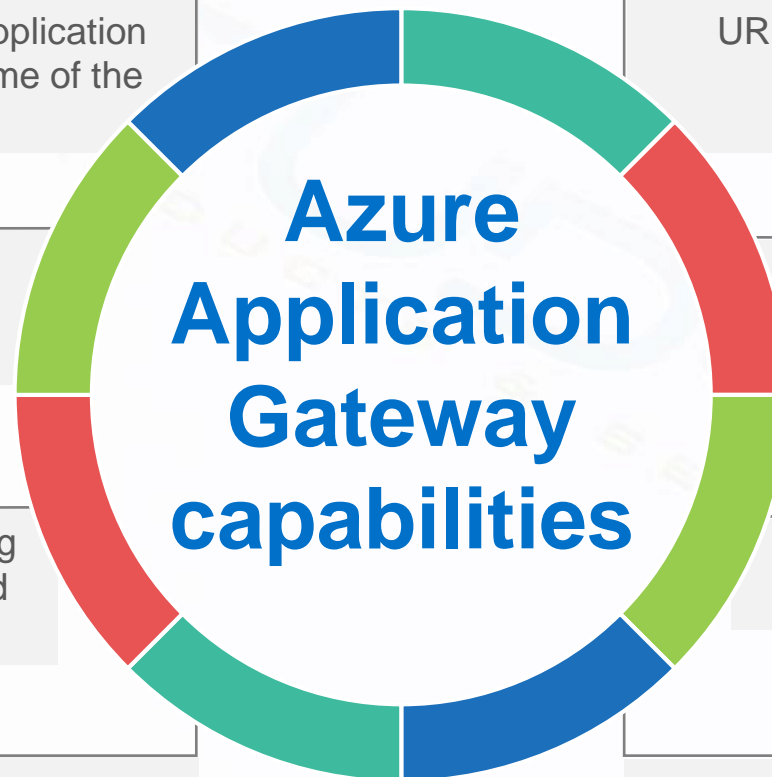
Connection draining helps you achieve graceful removal of backend pool members during planned service updates.

## Zone redundancy

Can span multiple Availability Zones, offering better fault resiliency and removing the need to provision separate AGs in each zone

## Web Application Firewall

Feature of Application Gateway that provides centralized protection of your web applications from common exploits and vulnerabilities.



## URL based routing

URL Path Based Routing allows you to route traffic to back-end server pools based on URL Paths of the request.

## Multiple-site hosting

Multiple-site hosting enables you to configure more than one web site on the same application gateway instance.

## Rewrite HTTP headers

Supports the capability to add, remove, or update HTTP request and response headers.

## Custom error pages

Allows you to create custom error pages instead of displaying default error pages. You can use your own branding and layout using a custom error page.

# Application gateway components

