

# SOP Configure Application Gateway

Status of SOP:

✓ Endorsed.

Related Platform	Component
Azure	Azure Application Gateway

Problem

✗ How to configure new application gateway?

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

Application Gateway can make routing decisions based on additional attributes of an HTTP request, for example URI path or host headers. For example, you can route traffic based on the incoming URL. So if /images is in the incoming URL, you can route traffic to a specific set of servers (known as a pool) configured for images. If /video is in the URL, that traffic is routed to another pool that's optimized for videos.

This type of routing is known as application layer (OSI layer 7) load balancing. Azure Application Gateway can do URL-based routing and more.

## NATURE OF REQUEST:

A ServiceNow request would be received configure application gateway. This kind of request is very rare as application gateways for all the four regions have already been configured.

## WORKFLOW OF SERVICENOW REQUEST:

### PROCESS:

#### Raise a Normal Change Request

Open a Normal Change Request to implement the SR. Please go to page 20 of the below *Change Control document* :

[Service Management: As-Is Change Management \(ServiceNow\)](#)

**Please select the respective Cloud Factory assignment group when raising a change request in Service Now**

Cloud Network - Hub Connectivity - Azure

Solution

1. Go to below repository and open the file **ingress.tf** which has application gateway configuration.

<https://gitlab.com/bhp-cloudfactory/azure-foundations/external-ingress/-/tree/master>



