

Modify Load Balancer rules

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Overview

Platform:	Azure
Owner of this SOP:	Fully Managed POD A
Cloud Services:	Instance Management

Problem

When requesters are asking to add another port/listener config on the Load Balance rule.

tester	Reviewer
<div>@ Ramkumar Samudram (Deactivated) - Win</div> <div>@ Asif Patel (Deactivated) - Linux</div>	

Solution

Cloud Services operators will perform basic health checks and update the associated record as required. In most cases, the record will be an Incident Task (which may be assigned or manually created).

Pre-requisite

- The operator needs to have access to the **Cloud Factory ServiceNow Dashboard**. If this access is missing raise a request for [Access to ServiceNow](#) and request the group "Cloud Factory - Dashboard Access".
- Must be a member of the "Cloud Svcs- CloudOne" assignment group to work on ServiceNow tickets. As well access to the required report in this SOP. Use the same [Access to ServiceNow](#) request to gain this group if needed.
- The operator needs to be part of **OperationsCloudOneAccess** role in AWS & **CloudOne Operator** role in Azure . If this is missing raise a [Manage Cloud Access](#) request to get this custom role.

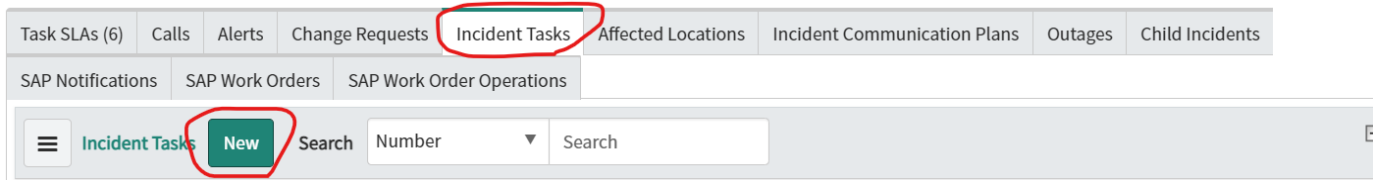
Procedure

Steps to create & manage Incident Task

Create Incident Task

Follow the below steps to create incident task. This step is required when the operator has received only an Incident.

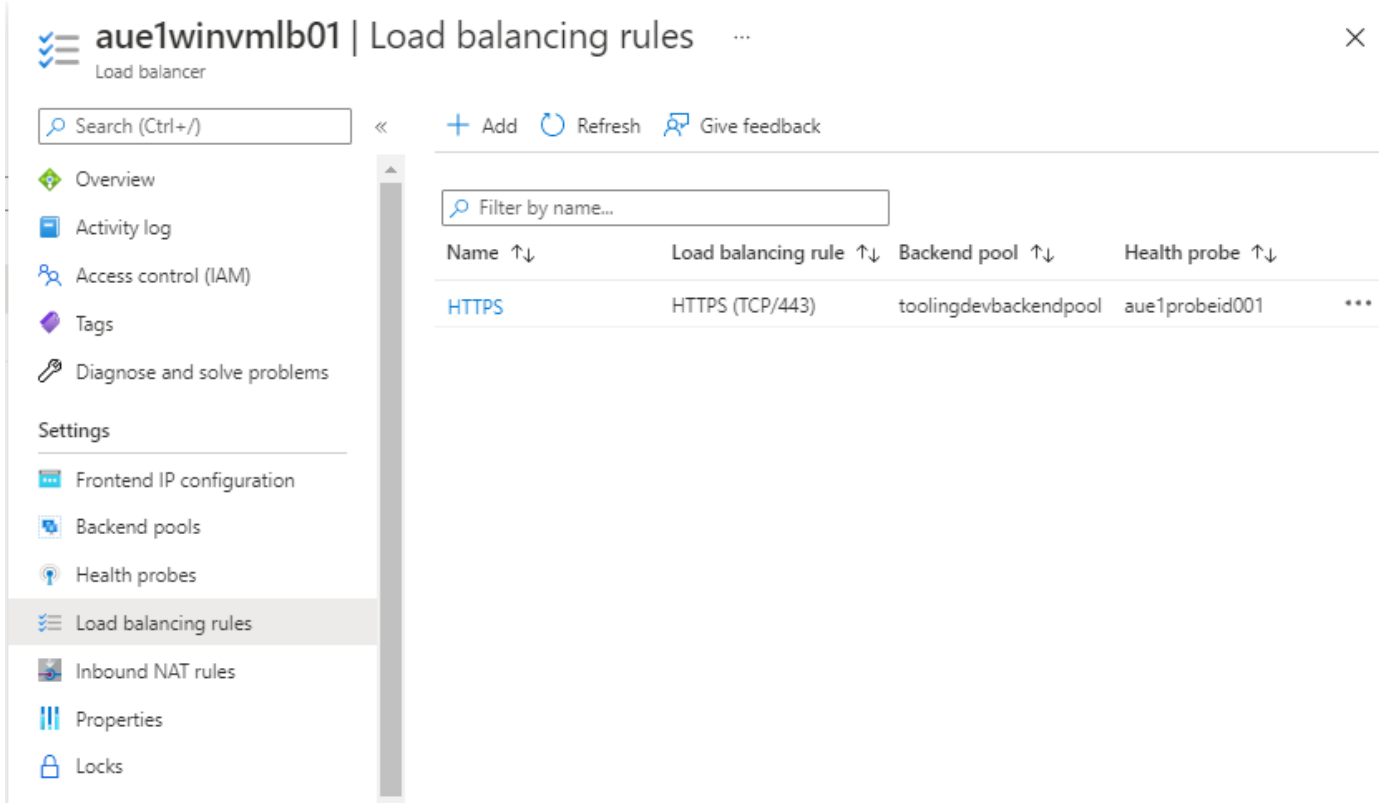
On *Incident Tasks* Tab of the Incident ticket, click *New* and assign it to "CloudOne" team. Populate the Assignment group and Configuration item (CI). (Hint the CI is the VM on which the health check is being performed)



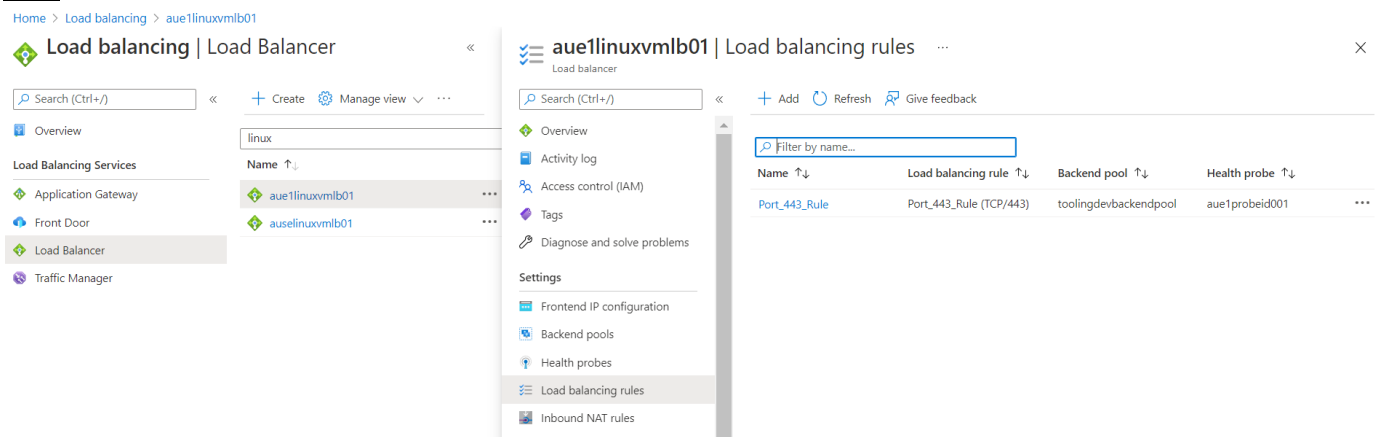
Steps

- Logon to Azure Portal and check the existing load balancer rule

Windows:



Linux:



- Clone the respective repo and change the required variables into .tfvars file.

Windows:

```
144
145 key_vault_ids = ["/subscriptions/01818878-c294-4617-a
146
147 ### Load Balancer Rules ###
148
149 lb_rules = {
150   "HTTPS" = {
151     backend_port    = 443          ### THE BACKEND PORT FOR THE EXTERNAL ENDPOINT
152     frontend_port   = 443          ### THE FRONDEND PORT FOR THE EXTERNAL ENDPOINT
153     name            = "HTTPS"     ### SPECIFIES THE NAME OF THE LB RULE
154     protocol        = "TCP"       ### PROTOCOL OF THE EXTERNAL ENDPOINT
155     frontend_ip_name = "frontendip001"  ### NAME OF THE FRONTEND IP TO WHICH THE RULE I
156     probe_id        = "aue1probeid001"  ### NAME OF THE PROBE
157   },
158   "RDP" = {
159     backend_port    = 3389          ### THE BACKEND PORT FOR THE EXTERNAL ENDPOINT
160     frontend_port   = 3389          ### THE FRONDEND PORT FOR THE EXTERNAL ENDPOINT
161     name            = "RDP"        ### SPECIFIES THE NAME OF THE LB RULE
162     protocol        = "TCP"       ### PROTOCOL OF THE EXTERNAL ENDPOINT
163     frontend_ip_name = "frontendip001"  ### NAME OF THE FRONTEND IP TO WHICH THE RULE I
164     probe_id        = "aue1probeid001"  ### NAME OF THE PROBE
165   },
166 }
167
```

Apply finished
a few seconds ago

Resources: **2** added, **0** changed, **0** destroyed

Started a few seconds ago

+ 2 created

Terraform 1.1.2

Download raw log

- Log on to the Azure portal and verify that whether the new port is added to the load balancer rule as per requirement.

Windows:

aeu1winvmlb01 | **Load balancing rules**

Load balancer

+ Add

Refresh

Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Frontend IP configuration

Backend pools

Health probes

Name ↑↓	Load balancing rule ↑↓	Backend pool ↑↓	Health probe ↑↓	
HTTPS	HTTPS (TCP/443)	toolingdevbackendpool	aeu1probeid001	...
RDP	RDP (TCP/3389)	toolingdevbackendpool	aeu1probeid001	...

Linux:

Home > Load balancing > aeu1linuxvmlb01

aeu1linuxvmlb01 | Load balancing rules

Load balancer

+ Create

Manage view

Overview

Application Gateway

Front Door

Load Balancer

Traffic Manager

linux

aeu1linuxvmlb01

aeu1linuxvmlb01

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Frontend IP configuration

Backend pools

Health probes

Load balancing rules

Inbound NAT rules

Properties

Locks

Name ↑↓	Load balancing rule ↑↓	Backend pool ↑↓	Health probe ↑↓	
Port_443_Rule	Port_443_Rule (TCP/443)	toolingdevbackendpool	aeu1probeid001	...
Port_80_Rule	Port_80_Rule (TCP/80)	toolingdevbackendpool	aeu1probeid001	...

Related articles

- [AWS VPC Endpoints configuration change](#)
- [Renewal / Upload SSL certificate for existing Application](#)
- [Monitoring GitLab Access Audit Report](#)
- [Azure Storage Account Blueprint SOP - BPAZR022](#)
- [Azure App Service FTP Credential Sharing and Reset Procedure](#)