Modify Load Balancer backend pool

Overview

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

Problem

When requesters are asking to add the additional VM on the backend pool.

tester	Reviewer
@ Ramkumar Samudram (Deactivated) - Win @ Asif Patel (Deactivated) - Linux	

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-requisites

- 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.

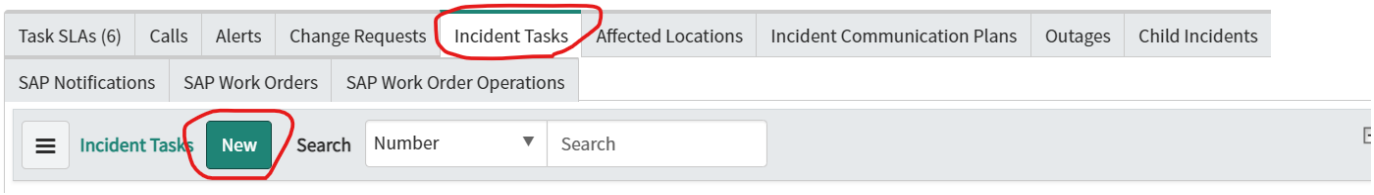
Procedure

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 number of VMs which are running on the backend pool

Windows:

Home > Load balancing > aue1winvmlb01 >

toolingdevbackendpool ...

aue1winvmlb01

Name: toolingdevbackendpool

Virtual network: it-aue1-npe-vnt-10.125.121.0 (it-aue1-npe-arg-network)

Associated to: Virtual machines

IP Version: IPv4 / IPv6

Virtual machines

You can only attach virtual machines in australiaeast that have a basic SKU public IP configuration or no public IP configuration. All virtual machines must be in the same availability set and all IP configurations must be on the same virtual network.

+ Add | Remove

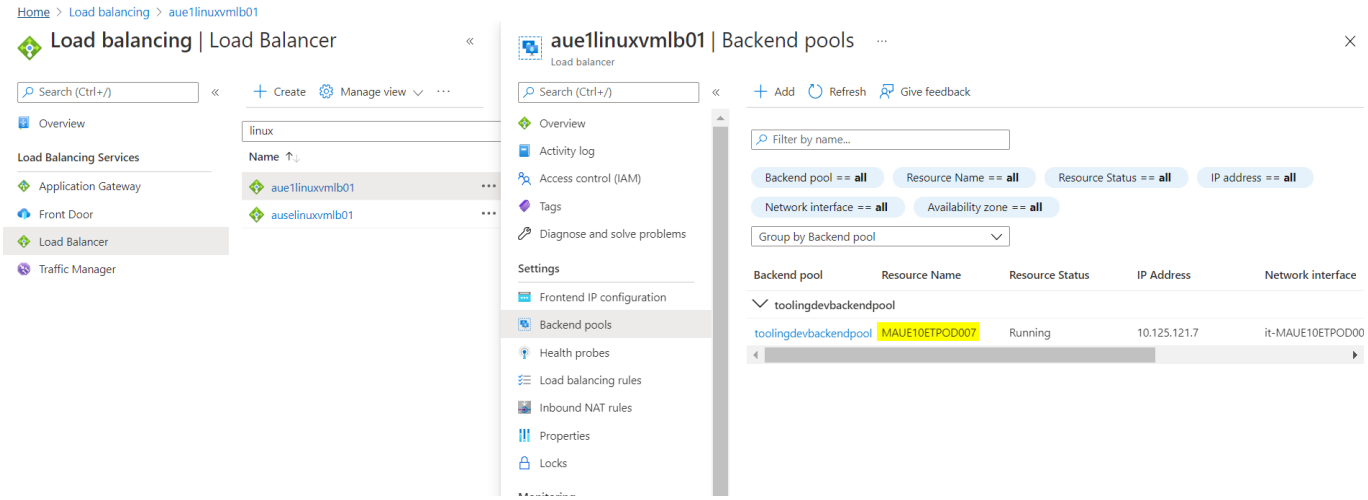
Virtual machine	IP Configuration	Availability set
it-maue10etpod006	it-MAUE10ETPOD006-nic-internal-ip ...	it-aue1winvmavs01

Used by

The list of load balancing rules and outbound rules using this backend pool

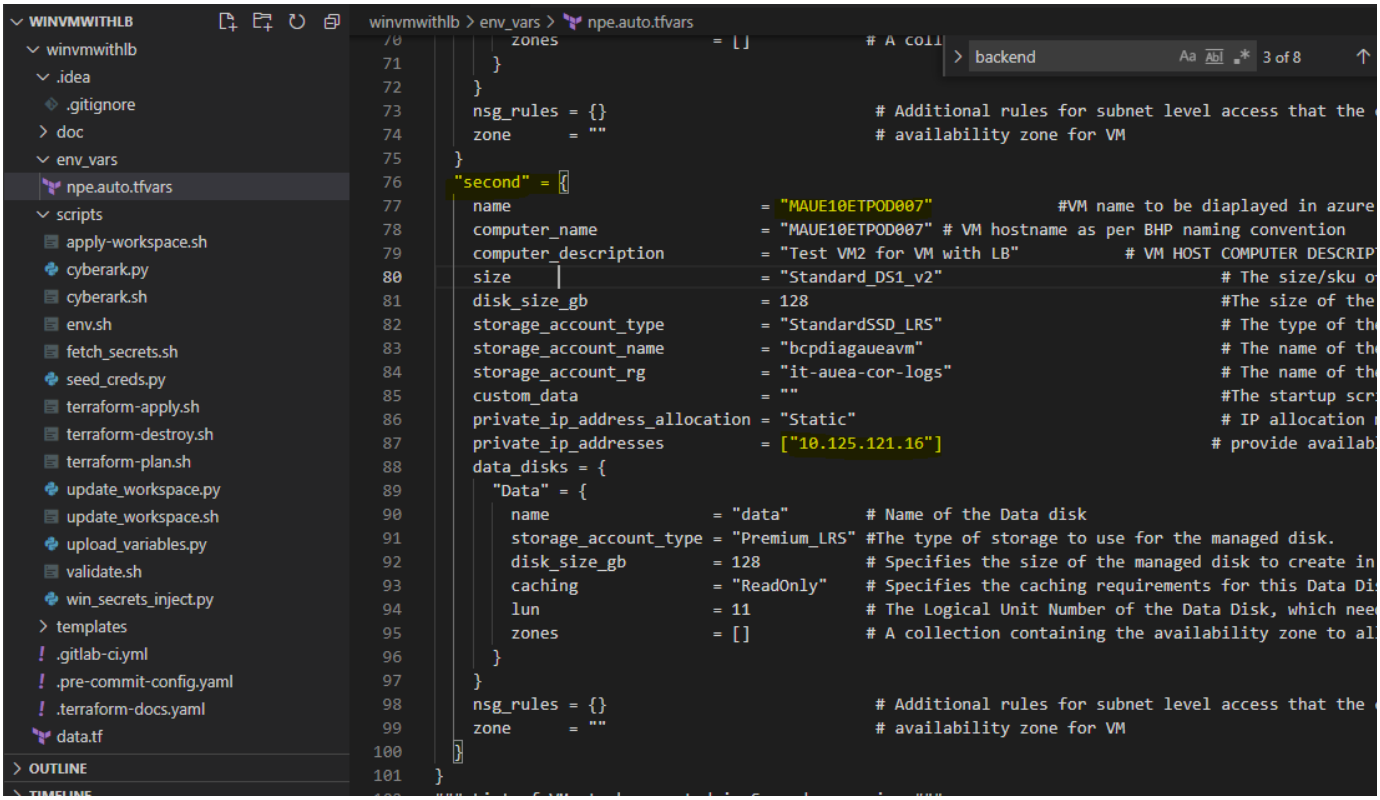
Save | Cancel | Give feedback

Linux:

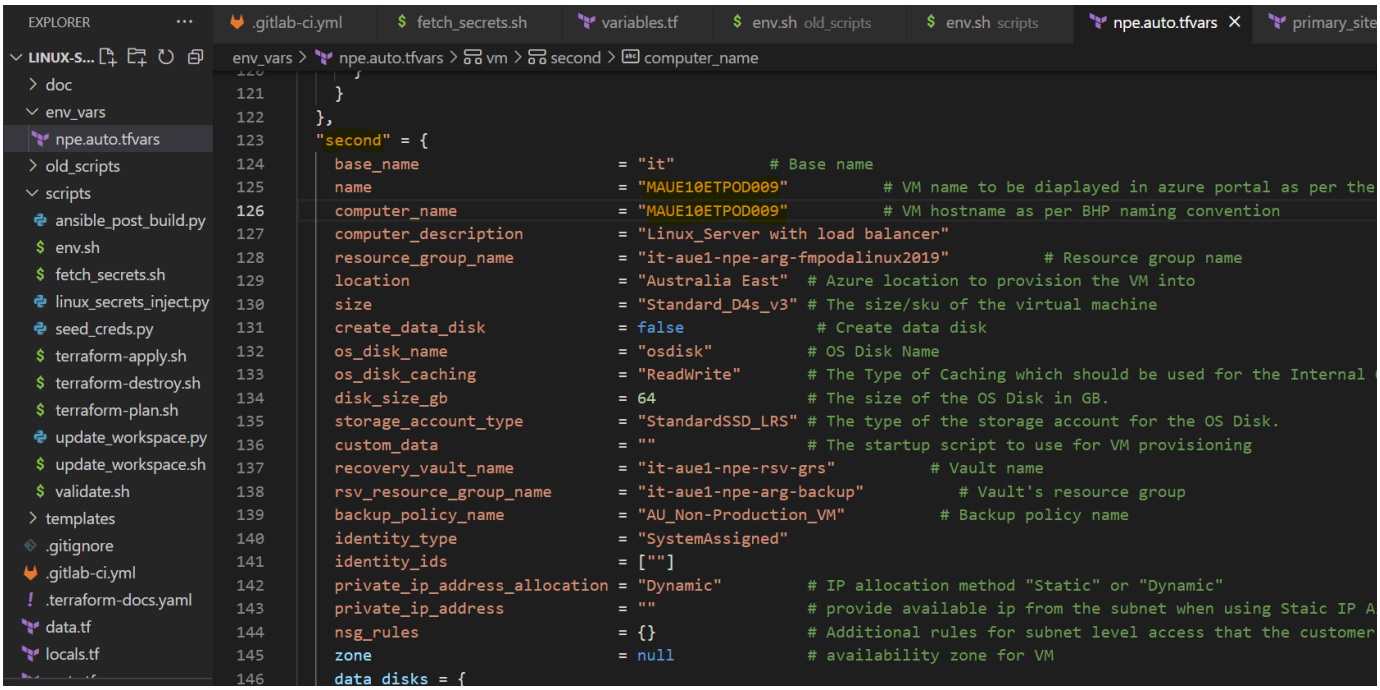


- Clone the respective repo and change the required variables into .tfvars file.

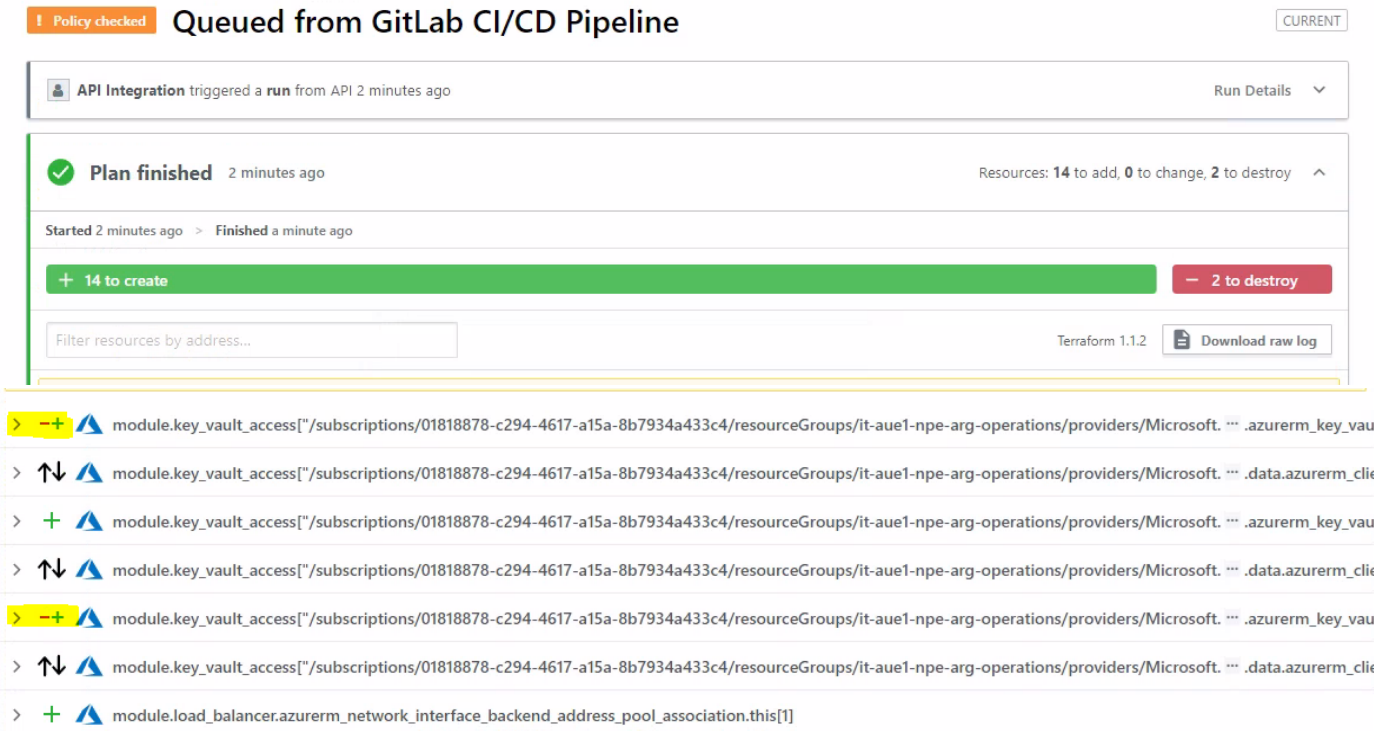
Windows:



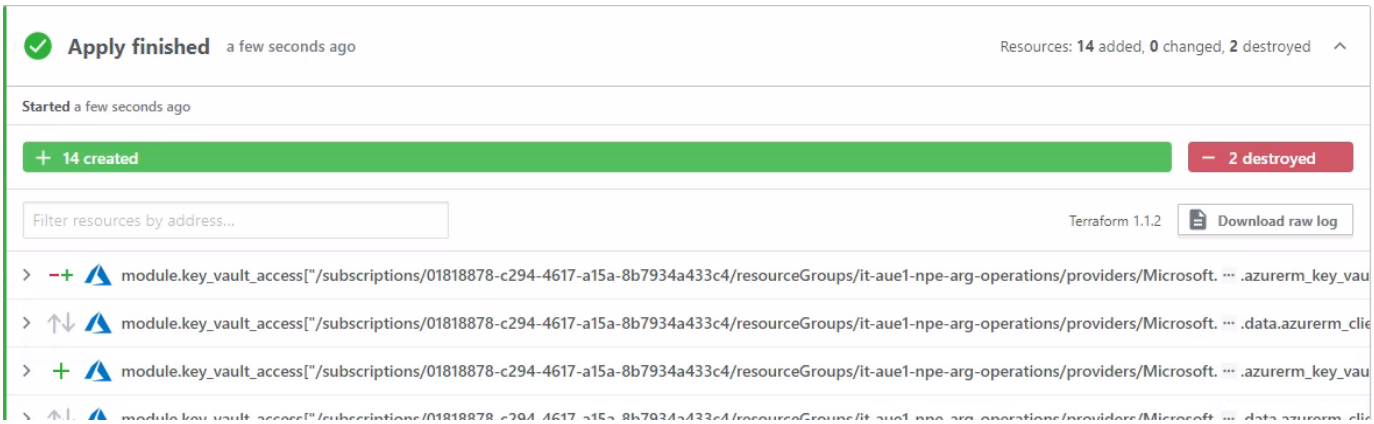
Linux:



- commit and push your changes
- verify that the pipeline executes as expected and that a terraform workspace is created and run
- verify the terraform plan in your TF workspace

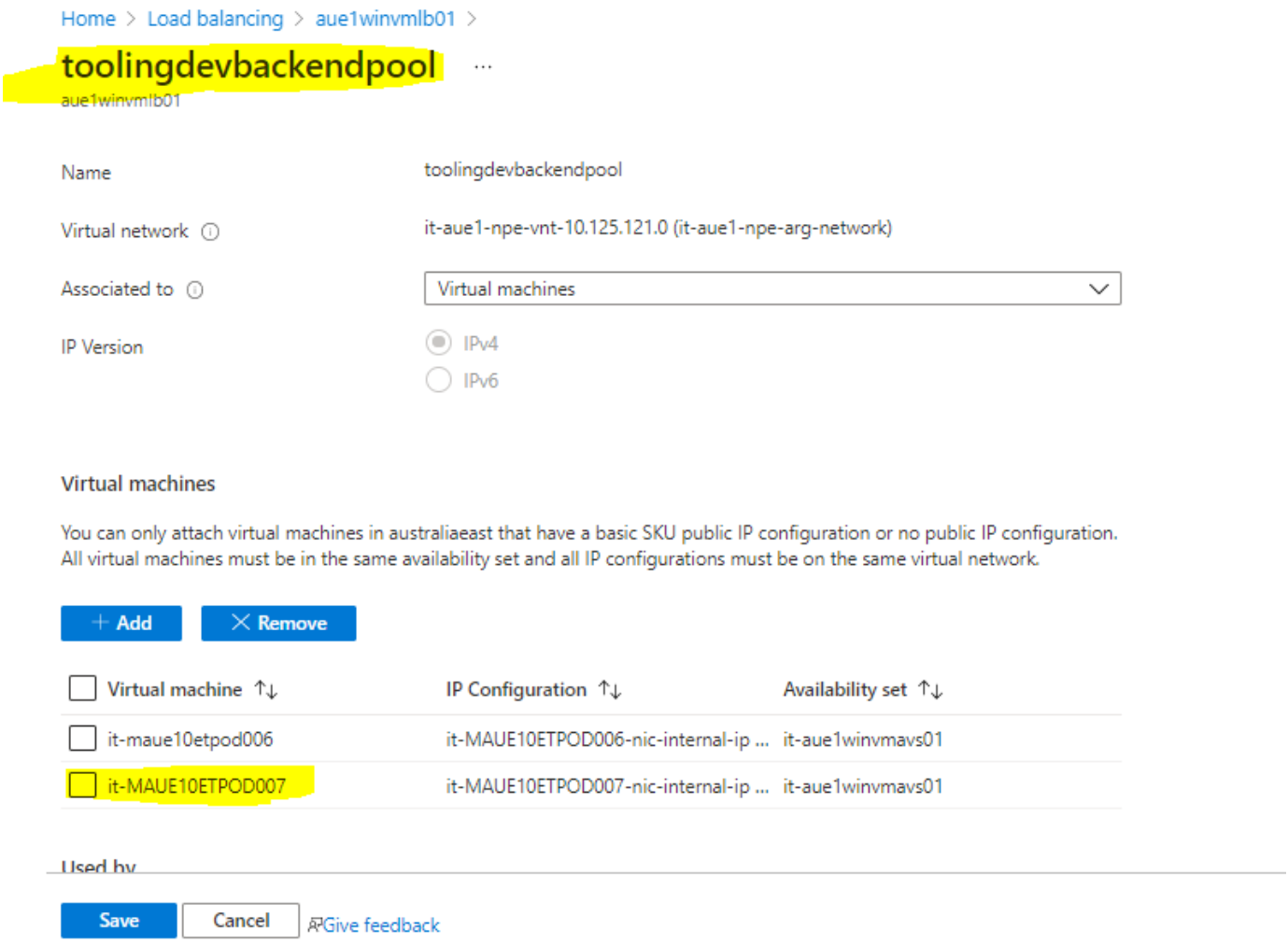


- if you are satisfied with the plan output, Initiate the apply stage in the pipeline

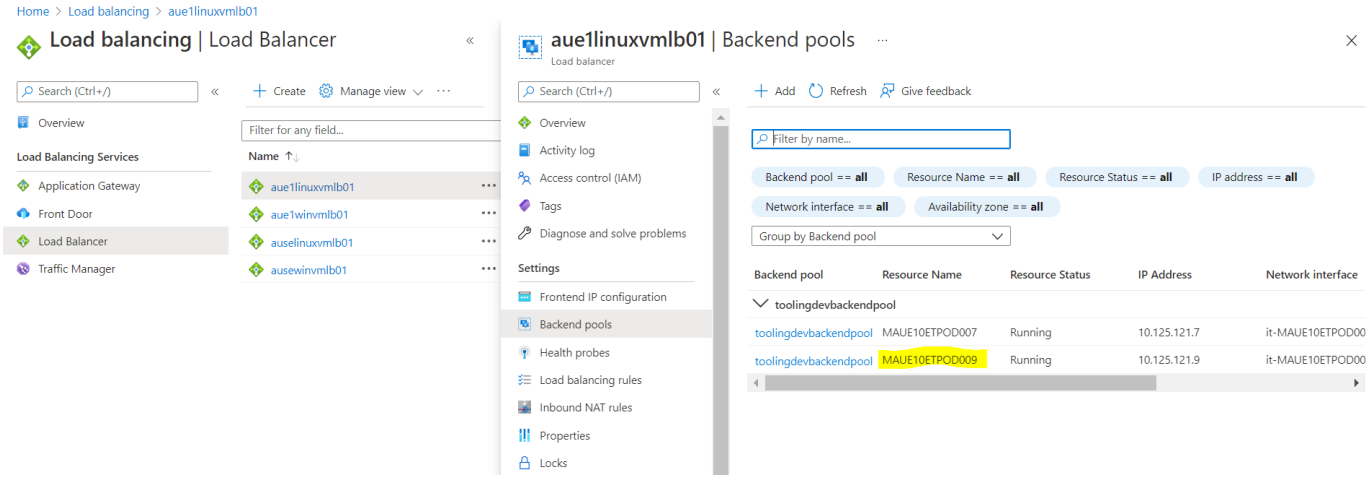


- Log on to the Azure portal and verify the backend pool and confirm that additional VM added as per requirement.

Windows:



Linux:



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