

AUTOMATION OF LINUX WEBSERVER CREATION IN AZURE USING TERRAFORM AND PACKER

SYSTEM ARCHITECTURE

Requirements:	Tasks done in CLI:	Tasks done by Packer:	Resources Created by Terraform:
<ul style="list-style-type: none">Resources in Resource groups must have tags. (<i>Tagging policy to be applied</i>)Deny Internet access to the VMs using NSG Policy.Terraform to create 2 to 5 VMs based on user deployment	<ul style="list-style-type: none">Save Resource Group Name and Location in Environment Variable.Save Tagging Key and Values in Environment VariableCreate Resource GroupCreate Tagging PolicyRun Packer Build command (using variables)Run Terraform commands (using variables)	<p>Create VM Image with following:</p> <ul style="list-style-type: none">OS: LinuxImage Publisher: CanonicalImage offer: UbuntuServerSKU: 18.04-LTS	<ul style="list-style-type: none">Virtual Network<ul style="list-style-type: none">SubnetNetwork Security Group (Deny Internet Access to VM)Public IP AddressLoad Balancer<ul style="list-style-type: none">Backend Address PoolAvailability SetNetwork Interface<ul style="list-style-type: none">Address Pool NI to LB associationGet Packer imageLinux VMManaged Disks<ul style="list-style-type: none">Attach Managed Disks

