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| GSP302 : Configure a Firewall and a Startup Script with Deployment Manager :- |
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|  | ---------------------------------------------------------------------------------------------------------------------------------------------- |
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|  |  |
|  | mkdir deployment\_manager |
|  | cd deployment\_manager |
|  | gsutil cp gs://spls/gsp302/\* . |
|  |  |
|  | nano qwiklabs.jinja |
|  |  |
|  | // Delete all the content of qwiklabs.jinja and paste :- |
|  |  |
|  | resources: |
|  | - type: compute.v1.instance |
|  | name: vm-test |
|  | properties: |
|  | zone: {{ properties["zone"] }} |
|  | machineType: https://www.googleapis.com/compute/v1/projects/{{ env["project"] }}/zones/{{ properties["zone"] }}/machineTypes/f1-micro |
|  | # For examples on how to use startup scripts on an instance, see: |
|  | # https://cloud.google.com/compute/docs/startupscript |
|  | disks: |
|  | - deviceName: boot |
|  | type: PERSISTENT |
|  | boot: true |
|  | autoDelete: true |
|  | initializeParams: |
|  | diskName: disk-{{ env["deployment"] }} |
|  | sourceImage: https://www.googleapis.com/compute/v1/projects/debian-cloud/global/images/family/debian-9 |
|  | networkInterfaces: |
|  | - network: https://www.googleapis.com/compute/v1/projects/{{ env["project"] }}/global/networks/default |
|  | # Access Config required to give the instance a public IP address |
|  | accessConfigs: |
|  | - name: External NAT |
|  | type: ONE\_TO\_ONE\_NAT |
|  | tags: |
|  | items: |
|  | - http |
|  | metadata: |
|  | items: |
|  | - key: startup-script |
|  | value: | |
|  | #!/bin/bash |
|  | apt-get update |
|  | apt-get install -y apache2 |
|  | - type: compute.v1.firewall |
|  | name: default-allow-http |
|  | properties: |
|  | network: https://www.googleapis.com/compute/v1/projects/{{ env["project"] }}/global/networks/default |
|  | targetTags: |
|  | - http |
|  | allowed: |
|  | - IPProtocol: tcp |
|  | ports: |
|  | - '80' |
|  | sourceRanges: |
|  | - 0.0.0.0/0 |
|  |  |
|  | // To save press, ctrl + o -> Enter -> ctrl + x |
|  |  |
|  | nano qwiklabs.yaml |
|  |  |
|  | // Delete the content of qwiklabs.yaml and paste :- |
|  |  |
|  | imports: |
|  | - path: qwiklabs.jinja |
|  |  |
|  | resources: |
|  | - name: qwiklabs |
|  | type: qwiklabs.jinja |
|  | properties: |
|  | zone: us-central1-a |
|  |  |
|  | gcloud deployment-manager deployments create test --config=qwiklabs.yaml |