


AtomicWP Workload Security for Docker Getting Started

Pre-launch:

1. Ensure that traffic is allowed on ports 22 and 30000 for either this instance or all instances. Go to the GCP VPC network section and then to firewall rules. Select create a firewall rule and create an ingress/allow rule for tcp ports 22 and 30000.

Example:

 Your free trial is waiting; activate now to get \$300 credit to explore Google Cloud products. [Learn more](#)

Google Cloud Platform Atomiccorp-public

VPC network Firewall rules [+ CREATE FIREWALL RULE](#) [REFRESH](#) [DELETE](#)

Firewall rules control incoming or outgoing traffic to an instance. By default, incoming traffic from outside your network is blocked. [Learn more](#)
Note: App Engine firewalls are managed [here](#).

Filter resources Columns

Name	Type	Targets	Filters	Protocols / ports	Action	Priority	Network
ao-outbound-rule	Egress	Apply to all	IP ranges: 0.0.0.0/0	all	Allow	1	default
ao-inbound-rule	Ingress	Apply to all	IP ranges: 0.0.0.0/0	tcp:22,80,443,30000,1515 udp:1514,514	Allow	1	default
awp-firewall-rule2	Ingress	Apply to all	IP ranges: 0.0.0.0/0	tcp:22,30000	Allow	1	default

Post-launch:

1. Upon starting the instance, wait approximately 15 minutes for background updates and scans to finish. If you have connected to the instance via ssh, you'll a line that says Atomic Endpoint Defender: Scan complete when it is finished. You may not see this if you wait till the scan is finished before connecting. Once this is done, follow the onscreen instructions. Only run the useradd command once unless you want to add more users. You can run the command asl by itself to see options for the asl command.

Example:

```
morganadavis95@awp-get-screenshot2:~ - Google Chrome
ssh.cloud.google.com/projects/atomiccorp-public/zones/us-east4-c/instances/awp-get-screenshot2?authuser=0&hl=en_US&projectNu...
agencies, both domestic and foreign.

By using this system, the user consents to such interception, monitoring,
recording, copying, auditing, inspection, and disclosure at the
discretion of such personnel or officials. Unauthorized or improper use
of this system may result in civil and criminal penalties and
administrative or disciplinary action, as appropriate. By continuing to
use this system you indicate your awareness of and consent to these terms
and conditions of use. LOG OFF IMMEDIATELY if you do not agree to the
conditions stated in this warning.
*****
Connected, host fingerprint: ssh-rsa 0 E8:13:BD:41:9A:BC:2A:BB:38:A3:2F:B9:56:B3
[AA:06:19:49:F6:73:19:EF:97:A4:AD:CD:C3:54:94:BD:90:04]
#####
# Atomic Workload Protection v5.0 #
#####
To finish setup to access the console on https://<IP>:30000

Run the following:
sudo /var/asl/bin/asl-web-useradd

Go to https://<external ip>:30000 to access the web ui.
[morganadavis95@awp-get-screenshot2 ~]$
Broadcast message from root@awp-get-screenshot2 (Thu Sep 26 15:15:04 2019):

Atomic Endpoint Defender: Scan complete
[morganadavis95@awp-get-screenshot2 ~]$
```

2. In order to enable docker on your instance, once the instance is finished with background tasks run `gcloud auth login` and follow the given prompts. Then reboot your instance. If you do not follow this step you will likely see an error concerning docker being unable to create an endpoint.

Example:

```
[root@awp-docker-prep-check ~]# gcloud auth login
You are running on a Google Compute Engine virtual machine.
It is recommended that you use service accounts for authentication.

You can run:

    $ gcloud config set account 'ACCOUNT'

to switch accounts if necessary.

Your credentials may be visible to others with access to this
virtual machine. Are you sure you want to authenticate with
your personal account?

Do you want to continue (Y/n)? Y

Go to the following link in your browser:

    https://accounts.google.com/o/oauth2/auth?redirect_uri=urn%3Aietf%3Aauth%3A2.0%3Aacct&prompt=select_account&response_type=code&client_id=32555940559.apps.googleusercontent.com&scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth&access_type=offline

Enter verification code: 4/sgE1JU6ofWuUnflxg-zcfYC_2ccfDUA0W_V1ClLmmSQttY8K0zEYNFA
WARNING: 'gcloud auth login' no longer writes application default credentials.
If you need to use ADC, see:
    gcloud auth application-default --help

You are now logged in as [mdavis@atomicorp.com].
Your current project is [atomicorp-public]. You can change this setting by running:
    $ gcloud config set project PROJECT_ID
[root@awp-docker-prep-check ~]#
```