Instalación WebMin en Azure – Francisco Fenoy Martínez
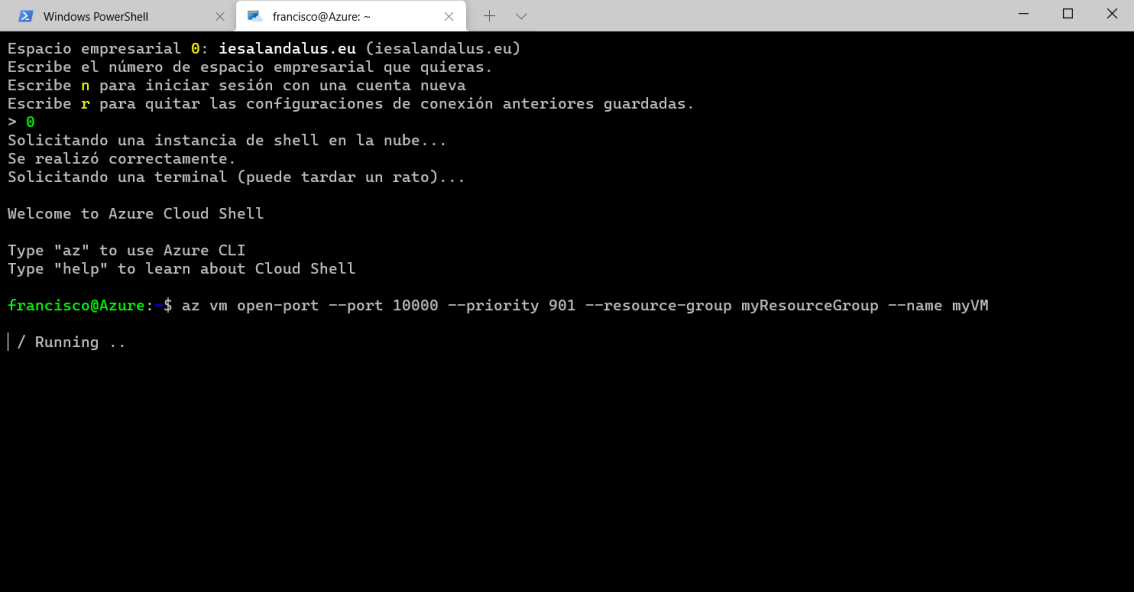
1. Abrimos el puerto necesario en la Máquina Virtual:

- `az vm open-port --port 10000 --priority 901 --resource-group myResourceGroup --name myVM`

2. Nos conectamos por SSH a la MV, pero colocando la IP pública de nuestra MV de Apache:

- `ssh azureuser@168.62.60.46`

```
        "direction": "Inbound",
        "etag": "W/\"19fe0421-17eb-4a6f-be0c-6a0852f674bc\"",
        "id": "/subscriptions/a83c8240-6ae9-4ffc-a1fb-6e0fe8a6e726/resourceGroups/myResourceGroup/providers/Microsoft.Netw
ork/networkSecurityGroups/myVMNSG/securityRules/open-port-10000",
        "name": "open-port-10000",
        "priority": 901,
        "protocol": "*",
        "provisioningState": "Succeeded",
        "resourceGroup": "myResourceGroup",
        "sourceAddressPrefix": "*",
        "sourceAddressPrefixes": [],
        "sourceApplicationSecurityGroups": null,
        "sourcePortRange": "*",
        "sourcePortRanges": [],
        "type": "Microsoft.Network/networkSecurityGroups/securityRules"
    }
  ],
  "subnets": null,
  "tags": {},
  "type": "Microsoft.Network/networkSecurityGroups"
}
francisco@Azure:~$
francisco@Azure:~$ ssh azureuser@20.121.193.32/
ssh: Could not resolve hostname 20.121.193.32/: Name or service not known
francisco@Azure:~$ ssh azureuser@20.121.193.32
The authenticity of host '20.121.193.32 (20.121.193.32)' can't be established.
ECDSA key fingerprint is SHA256:+RoYW0QmCIbIhf2+dAcYa412V0UyV9AzUBIucJy3ii0.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '20.121.193.32' (ECDSA) to the list of known hosts.
```

3. Tanto en la MV de Azure como en la de VirtualBox o VMware, seguiremos los siguientes pasos:

   o Abrimos el archivo de fuentes:
     - `sudo nano /etc/apt/sources.list`

```
  GNU nano 2.9.3                    /etc/apt/sources.list                        Modified

deb http://download.webmin.com/download/repository sarge contrib

## Note, this file is written by cloud-init on first boot of an instance
## modifications made here will not survive a re-bundle.
## if you wish to make changes you can:
## a.) add 'apt_preserve_sources_list: true' to /etc/cloud/cloud.cfg
##     or do the same in user-data
## b.) add sources in /etc/apt/sources.list.d
## c.) make changes to template file /etc/cloud/templates/sources.list.tmpl

# See http://help.ubuntu.com/community/UpgradeNotes for how to upgrade to
# newer versions of the distribution.
deb http://azure.archive.ubuntu.com/ubuntu/ bionic main restricted
# deb-src http://azure.archive.ubuntu.com/ubuntu/ bionic main restricted

## Major bug fix updates produced after the final release of the
## distribution.
deb http://azure.archive.ubuntu.com/ubuntu/ bionic-updates main restricted
# deb-src http://azure.archive.ubuntu.com/ubuntu/ bionic-updates main restricted

## N.B. software from this repository is ENTIRELY UNSUPPORTED by the Ubuntu
## team. Also, please note that software in universe WILL NOT receive any
## review or updates from the Ubuntu security team.
deb http://azure.archive.ubuntu.com/ubuntu/ bionic universe
# deb-src http://azure.archive.ubuntu.com/ubuntu/ bionic universe
File Name to Write: /etc/apt/sources.list
^G Get Help          M-D DOS Format         M-A Append          M-B Backup File
^C Cancel            M-M Mac Format         M-P Prepend         ^T To Files
```

```
  GNU nano 2.9.3                    /etc/apt/sources.list

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# deb-src http://azure.archive.ubuntu.com/ubuntu/ bionic-updates universe
                              [ Read 57 lines ]
^G Get Help    ^O Write Out   ^W Where Is    ^K Cut Text    ^J Justify    ^C Cur Pos    M-U Undo    M-A Mark Text
^X Exit        ^R Read File   ^\ Replace     ^U Uncut Text  ^T To Spell   ^_ Go To Line M-E Redo    M-6 Copy Text
```

o Añadimos al final del archivo la siguiente línea:

  ▪ deb http://download.webmin.com/download/repository sarge contrib

o Nos descargamos la clave y la añadimos:
  - wget http://www.webmin.com/jcameron-key.asc
  - sudo apt-key add jcameron-key.asc

o Actualizamos el sistema e instalamos Webmin::
  - sudo apt update
  - sudo apt install webmin

o Abrimos el puerto 10000 en el cortafuegos de Linux:
  ▪ `sudo ufw allow 10000`

o Creamos un usuario para Webmin y le damos un password:

▪ `sudo service webmin stop`
▪ `sudo useradd -g sudo webminuser`
▪ `sudo passwd webminuser`
▪ `sudo service webmin start`

○ Para comprobar que nuestro servidor está ya escuchando, introducimos en un navegador la URL con la IP pública de nuestra MV:

■ https://168.62.60.46:10000/