

AZURE Task

Django App Deployment on Docker running on Azure VM

The screenshot displays the Microsoft Azure portal interface. At the top, the navigation bar shows 'Microsoft Azure' with an 'Upgrade' button and a search bar. The breadcrumb trail indicates the location: 'Home > Resource groups > RgDockerProject > myVM'. The 'myVM' virtual machine is shown with a status of 'Running' and a location of 'East US'. The size is 'Standard D52 v2 (2 vcpus, 7 GiB memory)' and the public IP address is '20.127.48.50'. Below the VM details, a terminal window is open, showing the Ubuntu login screen. The terminal output includes system information, security notices, and the prompt 'azureuser@myVM:~\$'. Below the terminal, a web browser window is visible, showing the URL '127.0.0.1:8000' and the text 'Hello, World!'.

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Resource groups > RgDockerProject > myVM Virtual machine

Search Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview Activity log

Status : Running
Location : East US
Size : Standard D52 v2 (2 vcpus, 7 GiB memory)
Public IP address : 20.127.48.50

Bash

Memory usage: 4% IPv4 address for eth0: 10.0.0.4
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: `sudo pro status`

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in `/usr/share/doc/*/copyright`.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

azureuser@myVM:~\$

127.0.0.1:8000

Hello, World!

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Overview Status : Running Size : Standard DS2 v2 (2 vcpus, 7 GiB memory)

Bash

```
azureuser@myVM:~$ docker --version
Docker version 25.0.2, build 29cf629
azureuser@myVM:~$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/
```

Not secure 192.168.1.1:8000

Hello, World!