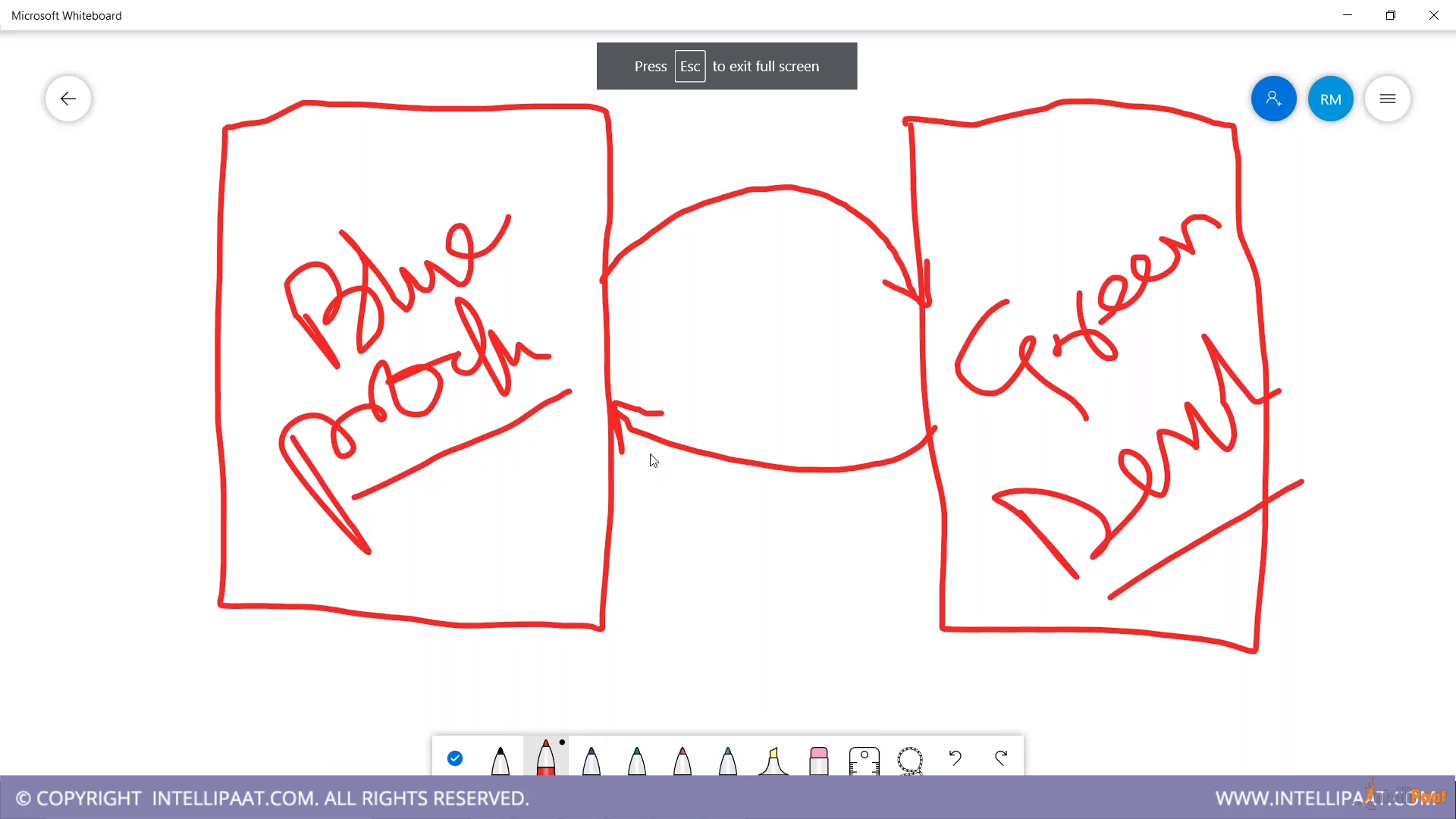
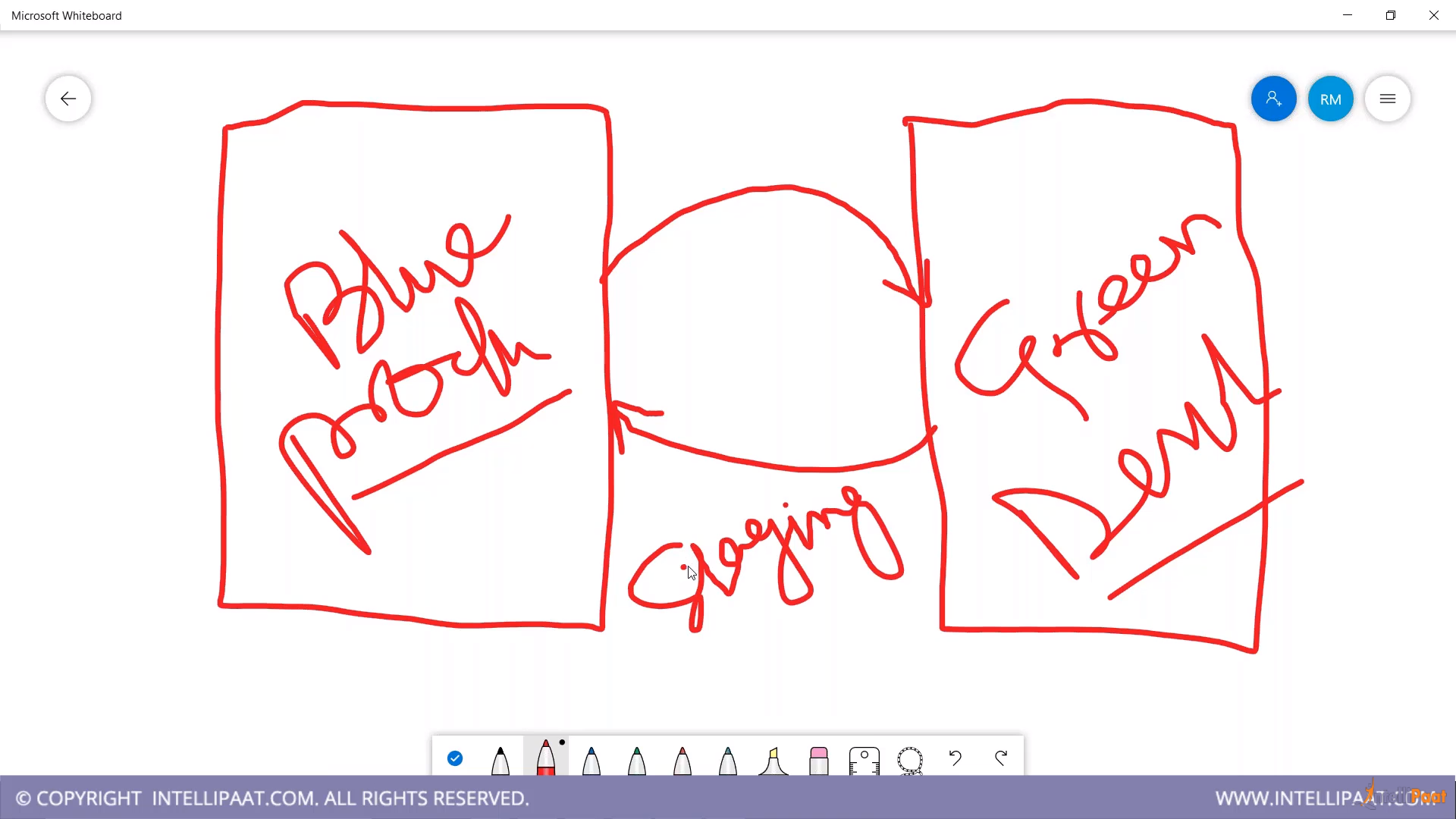
azure app service architecture

gartner 5r model in azure





/docker-entrypoint.sh: Configuration complete; ready for start up

anamika@ubuntuVM1:~$

anamika@ubuntuVM1:~$ git clone "https://github.com/Anamika-s/ConsoleApp.git"

Cloning into 'ConsoleApp'...

anamika@ubuntuVM1:~$ ls

ConsoleApp

anamika@ubuntuVM1:~$ cd ConsoleApp

anamika@ubuntuVM1:~/ConsoleApp$ ls

NetCore.Docker.csproj Program.cs bin obj

anamika@ubuntuVM1:~/ConsoleApp$ sudo nano Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker login

Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.

Username: anamikasawhney

Password:

WARNING! Your password will be stored unencrypted in /home/anamika/.docker/config.json.

Configure a credential helper to remove this warning. See

https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

nginx latest 4bb46517cac3 13 days ago 133MB

registrey1.azurecr.io/nginx v1 4bb46517cac3 13 days ago 133MB

hello-world latest bf756fb1ae65 7 months ago 13.3kB

registrey1.azurecr.io/hello-world v1 bf756fb1ae65 7 months ago 13.3kB

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

a0abdde0b46a nginx "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:81->80/tcp test-container

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

7f9c5c08aa14 registrey1.azurecr.io/nginx:v1 "/docker-entrypoint.…" 56 minutes ago Exited (0) 14 minutes ago elated\_taussig

a0abdde0b46a nginx "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:81->80/tcp test-container

27027432c7a0 registrey1.azurecr.io/hello-world:v1 "/hello" About an hour ago Exited (0) About an hour ago gallant\_hodgkin

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

7f9c5c08aa14 registrey1.azurecr.io/nginx:v1 "/docker-entrypoint.…" 56 minutes ago Exited (0) 15 minutes ago elated\_taussig

a0abdde0b46a nginx "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:81->80/tcp test-container

27027432c7a0 registrey1.azurecr.io/hello-world:v1 "/hello" About an hour ago Exited (0) About an hour ago gallant\_hodgkin

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

nginx latest 4bb46517cac3 13 days ago 133MB

registrey1.azurecr.io/nginx v1 4bb46517cac3 13 days ago 133MB

hello-world latest bf756fb1ae65 7 months ago 13.3kB

registrey1.azurecr.io/hello-world v1 bf756fb1ae65 7 months ago 13.3kB

anamika@ubuntuVM1:~/ConsoleApp$ docker push anamikasawhney/consoleappdemo:tagname

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker push anamikasawhney/consoleappdemo:tagname

The push refers to repository [docker.io/anamikasawhney/consoleappdemo]

An image does not exist locally with the tag: anamikasawhney/consoleappdemo

anamika@ubuntuVM1:~/ConsoleApp$ cd ..

anamika@ubuntuVM1:~$ sudo docker build --tag ConsoleApp:1.0

invalid argument "ConsoleApp:1.0" for "-t, --tag" flag: invalid reference format: repository name must be lowercase

See 'docker build --help'.

anamika@ubuntuVM1:~$ sudo docker build --tag consoleapp:1.0

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

anamika@ubuntuVM1:~$ cd consoleapp

-bash: cd: consoleapp: No such file or directory

anamika@ubuntuVM1:~$ cd CconsoleApp

-bash: cd: CconsoleApp: No such file or directory

anamika@ubuntuVM1:~$ dir

ConsoleApp

anamika@ubuntuVM1:~$ cd onsoleApp

-bash: cd: onsoleApp: No such file or directory

anamika@ubuntuVM1:~$ cd ConsoleApp

anamika@ubuntuVM1:~/ConsoleApp$ ls

Dockerfile NetCore.Docker.csproj Program.cs bin obj

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build --tag consoleapp:1.0

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ ls

Dockerfile NetCore.Docker.csproj Program.cs bin obj

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build --tag consoleapp:1.0

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build --help

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

Options:

--add-host list Add a custom host-to-IP mapping (host:ip)

--build-arg list Set build-time variables

--cache-from strings Images to consider as cache sources

--cgroup-parent string Optional parent cgroup for the container

--compress Compress the build context using gzip

--cpu-period int Limit the CPU CFS (Completely Fair Scheduler) period

--cpu-quota int Limit the CPU CFS (Completely Fair Scheduler) quota

-c, --cpu-shares int CPU shares (relative weight)

--cpuset-cpus string CPUs in which to allow execution (0-3, 0,1)

--cpuset-mems string MEMs in which to allow execution (0-3, 0,1)

--disable-content-trust Skip image verification (default true)

-f, --file string Name of the Dockerfile (Default is 'PATH/Dockerfile')

--force-rm Always remove intermediate containers

--iidfile string Write the image ID to the file

--isolation string Container isolation technology

--label list Set metadata for an image

-m, --memory bytes Memory limit

--memory-swap bytes Swap limit equal to memory plus swap: '-1' to enable unlimited swap

--network string Set the networking mode for the RUN instructions during build (default "default")

--no-cache Do not use cache when building the image

-o, --output stringArray Output destination (format: type=local,dest=path)

--platform string Set platform if server is multi-platform capable

--progress string Set type of progress output (auto, plain, tty). Use plain to show container output (default "auto")

--pull Always attempt to pull a newer version of the image

-q, --quiet Suppress the build output and print image ID on success

--rm Remove intermediate containers after a successful build (default true)

--secret stringArray Secret file to expose to the build (only if BuildKit enabled): id=mysecret,src=/local/secret

--security-opt strings Security options

--shm-size bytes Size of /dev/shm

--squash Squash newly built layers into a single new layer

--ssh stringArray SSH agent socket or keys to expose to the build (only if BuildKit enabled) (format: default|<id>[=<socket>|<key>[,<key>]])

--stream Stream attaches to server to negotiate build context

-t, --tag list Name and optionally a tag in the 'name:tag' format

--target string Set the target build stage to build.

--ulimit ulimit Ulimit options (default [])

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build --file Dockerfile --tag consoleapp:1.0

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build --file Dockerfile

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build Dockerfile

unable to prepare context: context must be a directory: /home/anamika/ConsoleApp/Dockerfile

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build consoleapp:1.0

unable to prepare context: path "consoleapp:1.0" not found

anamika@ubuntuVM1:~/ConsoleApp$ sudo docker build consoleapp:1.0

login as: anamika

anamika@40.87.59.76's password:

anamika@40.87.59.76's password:

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.3.0-1035-azure x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

System information as of Thu Aug 27 15:45:56 UTC 2020

System load: 0.0 Processes: 118

Usage of /: 8.9% of 28.90GB Users logged in: 0

Memory usage: 16% IP address for eth0: 10.0.0.5

Swap usage: 0% IP address for docker0: 172.17.0.1