

RDP CLOUD PORTAL APP
JAVA API CLIENT FOR DOCKER

www.rdp-azure.com
HOSTED ON AZURE

Internet

www.rdpapi.com

DOCKER
SWARM
MANAGER

SWARM MANAGER PI 1

APP: nginx (WITH REVERSE PROXY)
APP: DOCKER VISUALIZER

PROXY FROM
www.rdpapi.com
TO PRIVATE
10.0.x.x
NETWORK

10.0.0.0/24
NETWORK
SWITCH

SEE DOCKER SWARM DOCS
ON PORTS TO OPEN

DOCKER
WORKER
SWARM

SWARM WORKER
PI 2

10.0.0.1

SWARM WORKER
PI 3

10.0.0.2

SWARM WORKER
PI 4

10.0.0.3

CUSTOM SWARM OVERLAY NETWORK

RDP CLOUD PORTAL APP
JAVA API CLIENT FOR DOCKER

HOSTED ON LOCAL PC

GCU
WIFI

GCU IP

DOCKER
SWARM
MANAGER

SWARM MANAGER PI 1
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PROXY FROM
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TO PRIVATE
10.0.X.X
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NETWORK
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10.0.0.0/24

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SWARM WORKER
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10.0.0.3

CUSTOM SWARM OVERLAY NETWORK

BY DEFAULT ingress AT 10.255.0.0/16

TODO:

- ☐ Figure out a hostname DNS strategy
- ☐ How to return the Containers IP Address...we are in a Swarm though?
- ☐ Figure out how to return the IP Address and credentials for a Database Container.
- ☐ Need Service naming convention for uniqueness (App Stack-User ID-Timestamp)