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# Steps to configure private registry for Docker

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[\(https://www.assistanz.com/blog/2018/01/10/steps-to-configure-private-registry-for-docker-windows-server-2016/\)](https://www.assistanz.com/blog/2018/01/10/steps-to-configure-private-registry-for-docker-windows-server-2016/)



## Steps to configure private registry for Docker Windows server 2016

In this blog, we will show you the Steps to Configure private registry for docker Windows server 2016.

## REQUIREMENTS

- ♦ Windows VM with docker service
- ♦ Linux VM (ubuntu or centos) with docker service

## OVERVIEW

- ♦ Docker registry is a core open-source project and it's available for free in docker hub.
- ♦ Docker registry will be installed locally so it will be secure and really very fast.
- ♦ Currently, docker has not provided any registry container to run on windows platform.
- ♦ So we need to use the Linux environment to configure the private registry to store our windows container image

## INSTALLING DOCKER ON WINDOWS

- ♦ We have already installed docker service on windows server 2016.

```
Administrator: Windows PowerShell
PS C:\> get-service docker

Status      Name      DisplayName
-----
Running     Docker    docker

PS C:\> docker version
Client:
Version:      17.06.2-ee-5
API version:  1.30
Go version:   go1.8.3
Git commit:   508bb92
Built:        Thu Nov  2 00:51:36 2017
OS/Arch:      windows/amd64

Server:
Version:      17.06.2-ee-5
API version:  1.30 (minimum version 1.24)
Go version:   go1.8.3
Git commit:   508bb92
Built:        Thu Nov  2 00:54:07 2017
OS/Arch:      windows/amd64
Experimental: false
PS C:\> _
```

([https://www.assistanz.com/wp-](https://www.assistanz.com/wp-content/uploads/2018/01/image-153.png)

[content/uploads/2018/01/image-153.png](https://www.assistanz.com/wp-content/uploads/2018/01/image-153.png))

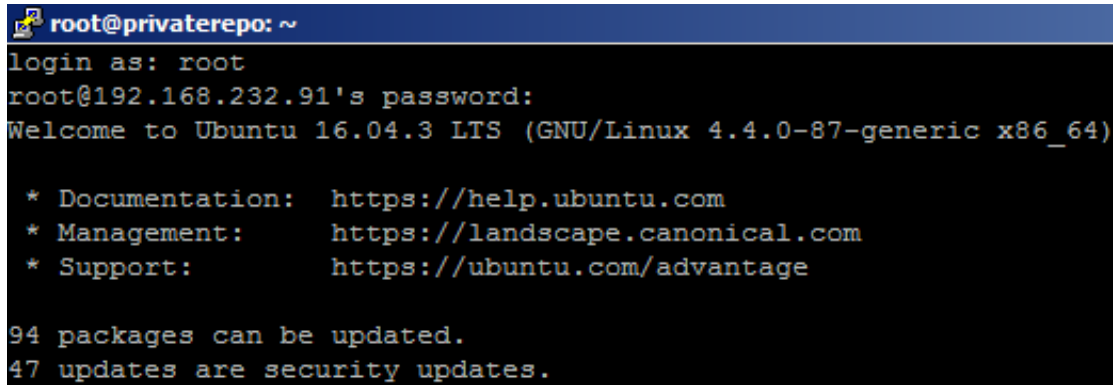
- ◆ Please check the URL to install the docker on windows 2016.

<https://www.assistanz.com/installing-docker-in-windows-2016/> (<https://www.assistanz.com/installing-windows-2016/>)

## PREPARING THE UBUNTU ENVIRONMENT

*Note: We are using the ubuntu flavour OS for this demo*

- ◆ Login into ubuntu vm through putty.

A terminal window with a blue title bar showing 'root@privaterepo: ~'. The text inside shows the login process: 'login as: root', 'root@192.168.232.91's password:', 'Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-87-generic x86\_64)', followed by links for documentation, management, and support, and finally '94 packages can be updated.' and '47 updates are security updates.'

```
root@privaterepo: ~
login as: root
root@192.168.232.91's password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-87-generic x86_64)

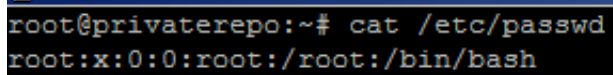
 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

94 packages can be updated.
47 updates are security updates.
```

(<https://www.assistanz.com>)

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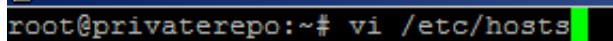
- ◆ We have already enabled the root user to access the VM.

A terminal window showing the command 'cat /etc/passwd' and its output: 'root:x:0:0:root:/root:/bin/bash'.

```
root@privaterepo:~# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/imag>)

- ◆ Open the **hostname** file to add a hostname for this VM.

A terminal window showing the command 'vi /etc/hosts'.

```
root@privaterepo:~# vi /etc/hosts
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/imag>)

- ◆ Add a hostname for this VM along with IP. Save the changes and close the file.

```

127.0.0.1    localhost
192.168.232.91  privaterepo

# The following lines are desirable for IPv6 capable hosts
::1        localhost ip6-localhost ip6-loopback
ff02::1    ip6-allnodes
ff02::2    ip6-allrouters
~
~
~
~

```

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[content/uploads/2018/01/image-157.png](https://www.assistanz.com/wp-content/uploads/2018/01/image-157.png))

- ◆ Update the available packages in the Ubuntu VM using **apt-get update** command.

```

root@privaterepo:~# apt-get update
Get:1 http://security.ubuntu.com/ubuntu xenial-security InRelease [102 kB]
Get:2 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [415 kB]
Get:3 http://security.ubuntu.com/ubuntu xenial-security/main i386 Packages [377 kB]
Get:4 http://security.ubuntu.com/ubuntu xenial-security/main Translation-en [182 kB]
Get:5 http://security.ubuntu.com/ubuntu xenial-security/restricted amd64 Packages [7,224 kB]
Get:6 http://security.ubuntu.com/ubuntu xenial-security/restricted i386 Packages [7,224 kB]
Get:7 http://security.ubuntu.com/ubuntu xenial-security/restricted Translation-en [2,152 kB]
Get:8 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [194 kB]
Hit:9 http://in.archive.ubuntu.com/ubuntu xenial InRelease
Get:10 http://in.archive.ubuntu.com/ubuntu xenial-updates InRelease [102 kB]
Get:11 http://security.ubuntu.com/ubuntu xenial-security/universe i386 Packages [159 kB]
Get:12 http://in.archive.ubuntu.com/ubuntu xenial-backports InRelease [102 kB]
Get:13 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en [100 kB]
Get:14 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 Packages [695 kB]
Get:15 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [3,20 kB]
Get:16 http://security.ubuntu.com/ubuntu xenial-security/multiverse i386 Packages [3,376 kB]
Get:17 http://in.archive.ubuntu.com/ubuntu xenial-updates/main i386 Packages [650 kB]
Get:18 http://in.archive.ubuntu.com/ubuntu xenial-updates/main Translation-en [290 kB]
Get:19 http://in.archive.ubuntu.com/ubuntu xenial-updates/restricted amd64 Packages [7,5 kB]
Get:20 http://in.archive.ubuntu.com/ubuntu xenial-updates/restricted i386 Packages [7,60 kB]
Get:21 http://in.archive.ubuntu.com/ubuntu xenial-updates/restricted Translation-en [2,2 kB]
Get:22 http://in.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 Packages [571 kB]
Get:23 http://in.archive.ubuntu.com/ubuntu xenial-updates/universe i386 Packages [533 kB]
Get:24 http://in.archive.ubuntu.com/ubuntu xenial-updates/universe Translation-en [230 kB]
Get:25 http://in.archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 Packages [16. kB]
Get:26 http://in.archive.ubuntu.com/ubuntu xenial-updates/multiverse i386 Packages [15.3 kB]
Get:27 http://in.archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [4,840 B]
Get:28 http://in.archive.ubuntu.com/ubuntu xenial-backports/main i386 Packages [4,832 B]
Get:29 http://in.archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [6,6 kB]
Get:30 http://in.archive.ubuntu.com/ubuntu xenial-backports/universe i386 Packages [6,60 kB]
Fetched 3,697 kB in 15s (241 kB/s)
Reading package lists... Done
root@privaterepo:~#

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-158.png>)

# INSTALLING THE DOCKER ON UBUNTU

- ◆ Use the below command to install the docker on ubuntu

**apt-get install -y docker.io**

```
root@privaterepo:~# apt-get install -y docker.io
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  bridge-utils cgroupfs-mount containerd runc ubuntu-fan
Suggested packages:
  mountall aufs-tools debootstrap docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils cgroupfs-mount containerd docker.io runc ubuntu-fan
0 upgraded, 6 newly installed, 0 to remove and 97 not upgraded.
Need to get 17.5 MB of archives.
After this operation, 90.5 MB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu xenial/main amd64 bridge-utils amd64 1.5-9ubuntu1 [28.6 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu xenial/universe amd64 cgroupfs-mount all 1.2 [4,970 B]
Get:3 http://in.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 runc amd64 1.0.0-rc2+docker1.13.1-0ubuntu1
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-159.png>)

- ◆ It will take few minutes to complete the operation.

```

Preparing to unpack .../runc_1.0.0~rc2+docker1.13.1-0ubuntu1~16.04.1_amd64.deb ...
Unpacking runc (1.0.0~rc2+docker1.13.1-0ubuntu1~16.04.1) ...
Selecting previously unselected package containerd.
Preparing to unpack .../containerd_0.2.5-0ubuntu1~16.04.1_amd64.deb ...
Unpacking containerd (0.2.5-0ubuntu1~16.04.1) ...
Selecting previously unselected package docker.io.
Preparing to unpack .../docker.io_1.13.1-0ubuntu1~16.04.2_amd64.deb ...
Unpacking docker.io (1.13.1-0ubuntu1~16.04.2) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../ubuntu-fan_0.12.8~16.04.2_all.deb ...
Unpacking ubuntu-fan (0.12.8~16.04.2) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for systemd (229-4ubuntu19) ...
Setting up bridge-utils (1.5-9ubuntu1) ...
Setting up cgroupfs-mount (1.2) ...
Setting up runc (1.0.0~rc2+docker1.13.1-0ubuntu1~16.04.1) ...
Setting up containerd (0.2.5-0ubuntu1~16.04.1) ...
Setting up docker.io (1.13.1-0ubuntu1~16.04.2) ...
Adding group `docker' (GID 117) ...
Done.
Setting up ubuntu-fan (0.12.8~16.04.2) ...
Processing triggers for systemd (229-4ubuntu19) ...
Processing triggers for ureadahead (0.100.0-19) ...
root@privaterepo:~# █

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-160.png>)

- ◆ Check the docker service status using the below command.

### service docker status

```

root@privaterepo:~# service docker status
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2018-01-10 11:31:02 IST; 6min ago
     Docs: https://docs.docker.com
   Main PID: 11825 (dockerd)
    CGroup: /system.slice/docker.service
            └─11825 /usr/bin/dockerd -H fd://

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-161.png>)

- ◆ To verify the docker version, type **docker version** command.

```
version: 1.13.1
API version: 1.26 (minimum version 1.12)
Go version: go1.6.2
Git commit: 092cba3
Built: Thu Nov 2 20:40:23 2017
OS/Arch: linux/amd64
Experimental: false
root@privaterepo:~#
```

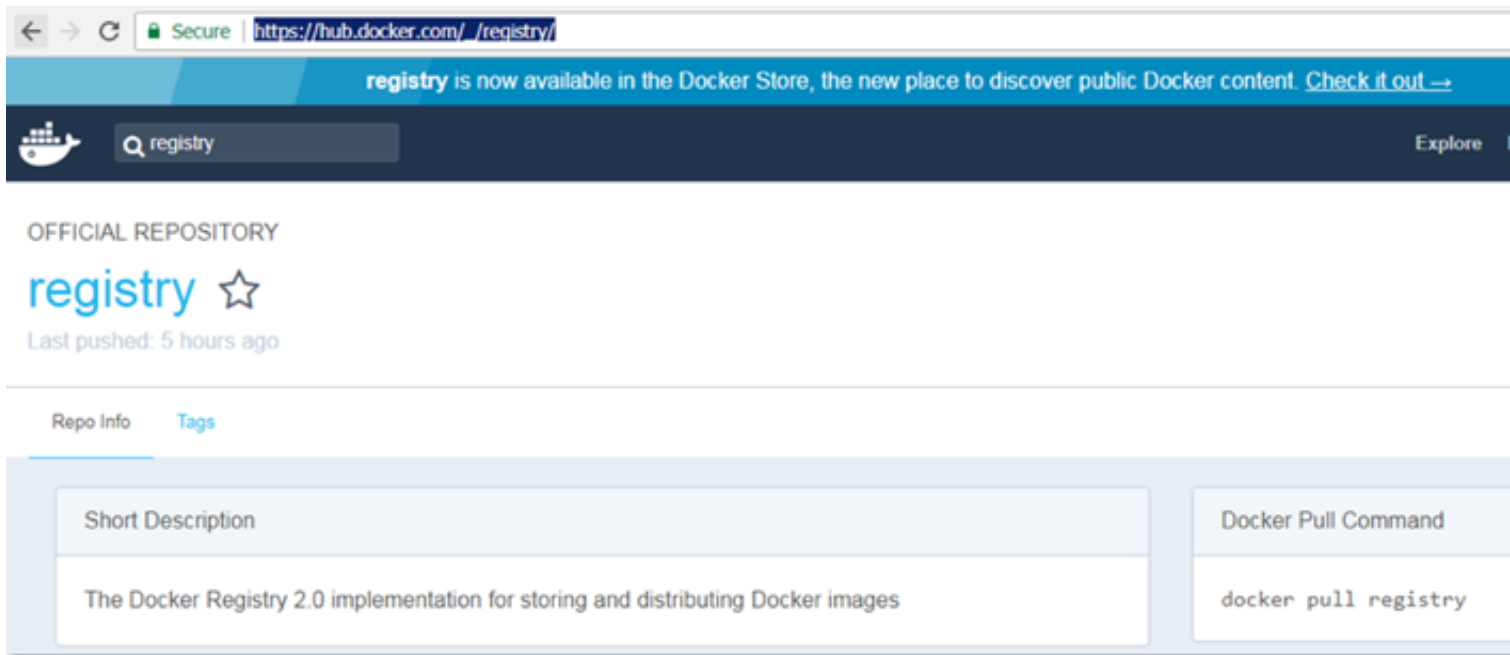
162.png)

## CREATING DOCKER REGISTRY

- ◆ You can find the docker official registry from the below URL.

[https://hub.docker.com/\\_/registry/](https://hub.docker.com/_/registry/) ([https://hub.docker.com/\\_/registry/](https://hub.docker.com/_/registry/))





(<https://www.assistanz.com/wp-content/uploads/2018/01/image-163.png>)

- ◆ Use the **docker pull** command to pull the registry image from the docker hub.

### docker pull registry

```
root@privaterepo: ~  
root@privaterepo:~# docker pull registry  
Using default tag: latest  
latest: Pulling from library/registry  
81033e7c1d6a: Pull complete  
b235084c2315: Pull complete  
c692f3a6894b: Pull complete  
ba2177f3a70e: Pull complete  
a8d793620947: Pull complete  
Digest: sha256:672d519d7fd7bbc7a448d17956ebeefe225d5eb27509d8dc5ce67ecb4a0bce54  
Status: Downloaded newer image for registry:latest  
root@privaterepo:~#
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-164.png>)

- ◆ You can verify the list of docker images using the below command.

### docker images

```
root@privaterepo:~# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
registry	latest	d1fd7d86a825	5 hours ago	33.3 MB

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-165.png>)

- By default, docker registry will listen in port **5000**. Launch the registry container using the docker run in detach n port 5000 mapping.

docker run --name regdock -p 5000:5000 -d registry

```
root@privaterepo:~# docker run --name regdock -p 5000:5000 -d registry
005d523ce240f27b0f6daf862e433241c95b50445e81b43d83478fb3a5567852
```

(<https://www.assista>

content/uploads/2018/01/image-166.png)

- To verify the running container, execute the **docker ps** command.

```
root@privaterepo:~# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
005d523ce240	registry	"/entrypoint.sh /e..."	About a minute ago	Up About a minute	0.0.0.0:5000-

```
root@privaterepo:~#
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-167.png>)

- Now the container is listening in the port **5000**. We can use the system name or IP to access this container from

## VERIFY THE DOCKER REGISTRY CONTAINER

- To get into the registry container, run the below command.

docker exec -it regdock sh

```

root@privaterepo:~# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
005d523ce240   registry      "/entrypoint.sh /e..." About an hour ago Up About an hour 0.0.0.0:5000->
root@privaterepo:~#
root@privaterepo:~#
root@privaterepo:~# docker exec -it regdock sh
/ #

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-168.png>)

- ◆ The default location of registry config file inside the container is **/etc/docker/registry/config.yml**

```

/etc/docker/registry # ls
config.yml
/etc/docker/registry #

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-169.png>)

- ◆ Open the config.yml file in VI editor. By default, it listens to port 5000 and our private images will be stored under /var/lib/registry directory.

```

version: 0.1
log:
  fields:
    service: registry
storage:
  cache:
    blobdescriptor: inmemory
  filesystem:
    rootdirectory: /var/lib/registry
http:
  addr: :5000
  headers:
    X-Content-Type-Options: [nosniff]
health:
  storagedriver:
    enabled: true
    interval: 10s
    threshold: 3

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-170.png>)

170.png)

- ◆ By default, registry container listens through **https**. To disable the HTTPS, Go-to **/etc/docker/** directory on your

(<https://www.assistanz.com/wp->

- ◆ Create a new file name named **daemon.json** file and add the below entry.

(<https://www.assistanz.com/wp-content/uploads/20>

(

***Note: Here `privaterepo` is the machine host name. Modify it based on your machine***

- ◆ Save and close the file.

```

root@privaterepo:/etc/docker# ll
total 16
drwxr-xr-x  2 root root 4096 Jan 10 14:11 ./
drwxr-xr-x 92 root root 4096 Jan 10 11:30 ../
-rw-r--r--  1 root root  45 Jan 10 14:11 daemon.json
-rw-----  1 root root 244 Jan 10 11:31 key.json
root@privaterepo:/etc/docker#

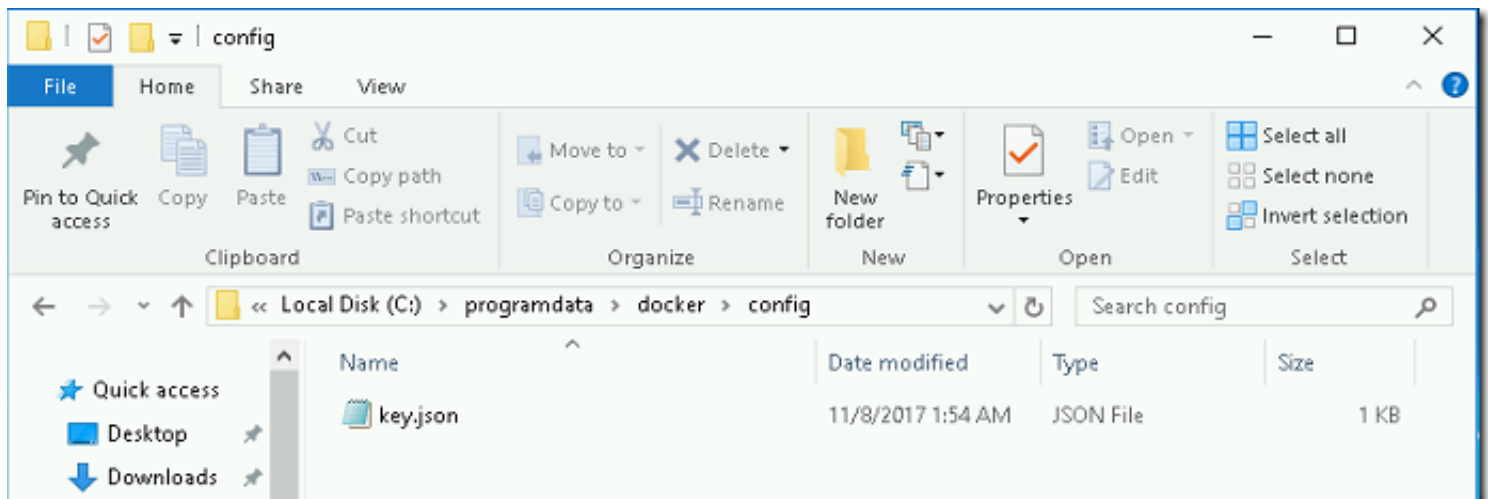
```

([https://www.assistanz.com/wp-](https://www.assistanz.com/wp-content/uploads/2018/01/image-174.png)

[content/uploads/2018/01/image-174.png](https://www.assistanz.com/wp-content/uploads/2018/01/image-174.png))

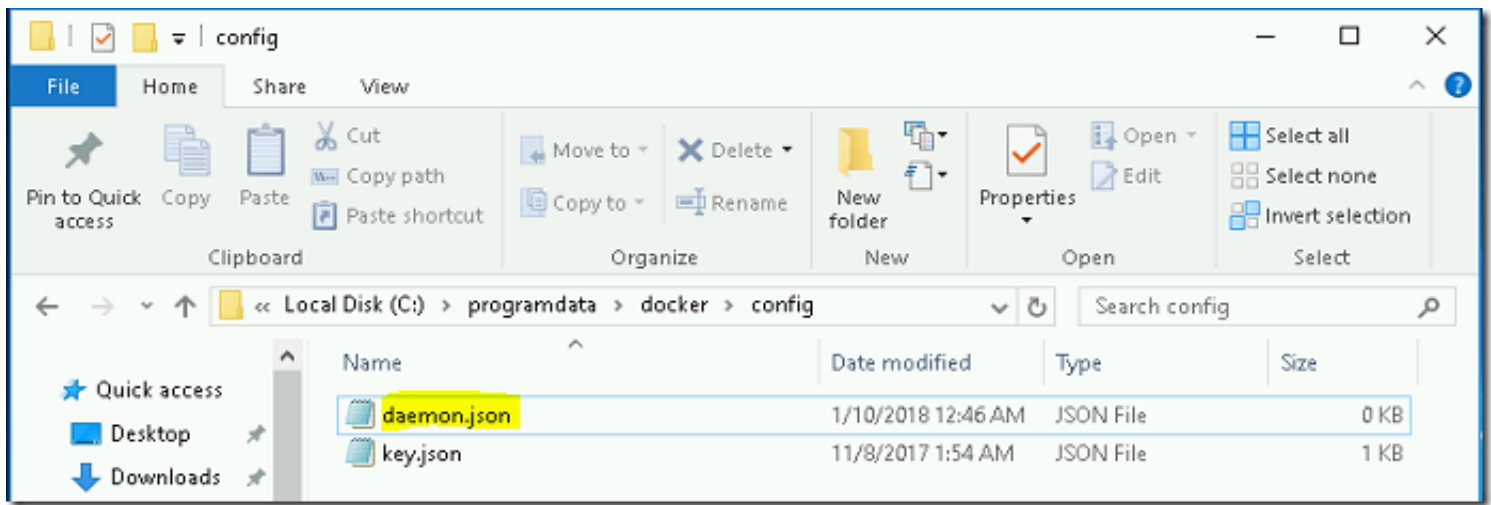
## PREPARE THE WINDOWS DOCKER MACHINE

- ◆ Login into windows VM and Go-to **C:\programdata\docker\config** folder.



(<https://www.assistanz.com/wp-content/uploads/2018/01/image-175.png>)

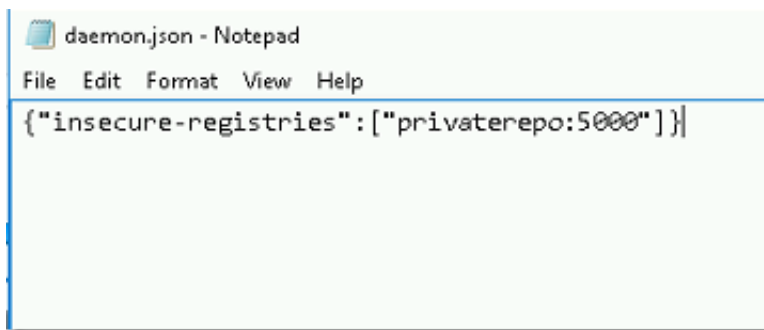
- ◆ Create a new filename **daemon.json** in that folder.



(<https://www.assistanz.com/wp-content/uploads/2018/01/image-176.png>)

- ◆ Open the daemon.json file and add the below entry.

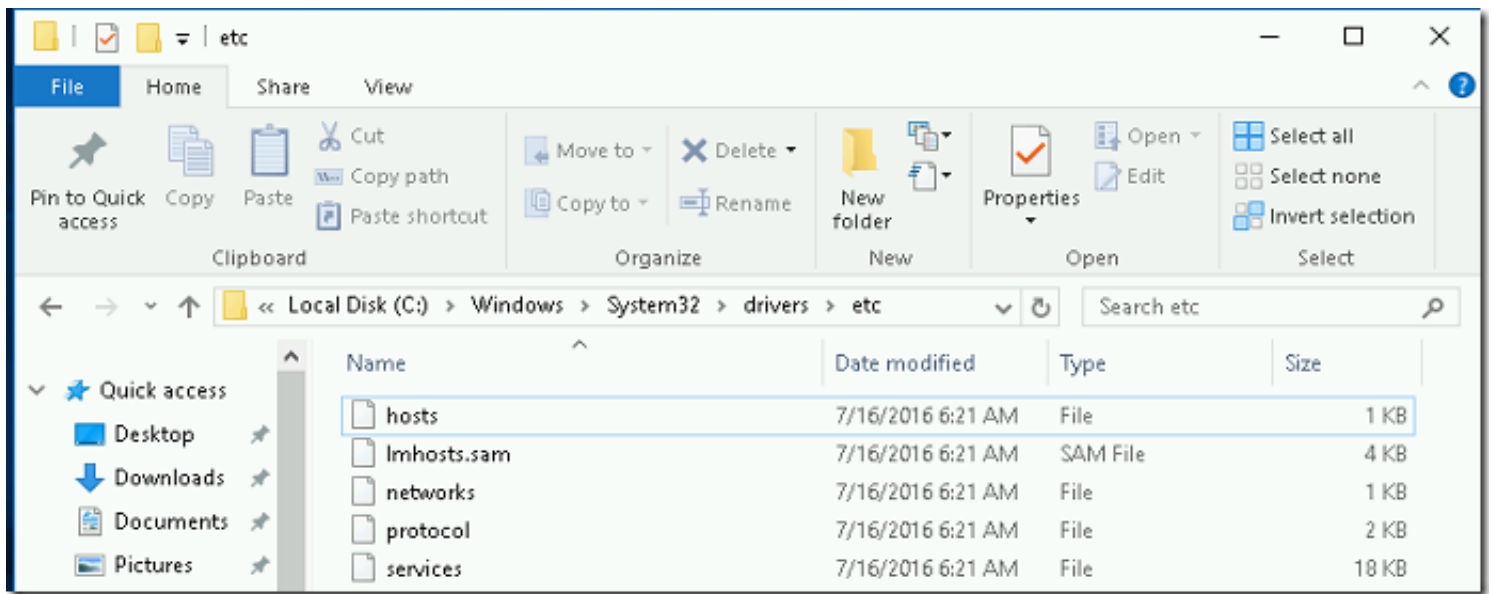
**{"insecure-registries":["privaterepo:5000"]}**



(<https://www.assistanz.com/wp-content/uploads/2018/01/image-177.png>)

177.png)

- ◆ Save and close the file.
- ◆ Go-to **C:\Windows\System32\drivers\etc** folder.



(<https://www.assistanz.com/wp-content/uploads/2018/01/image-178.png>)

- ◆ Open the **hosts** file in the notepad.

```

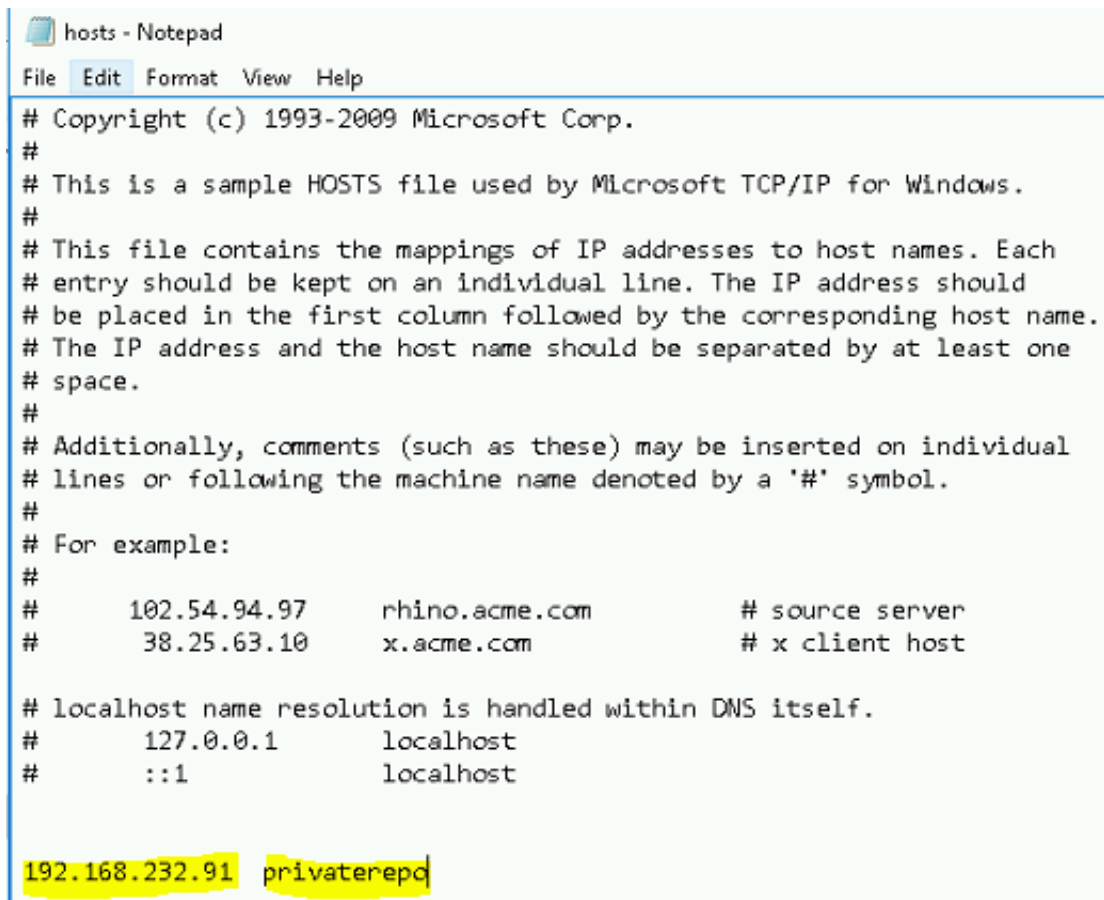
File Edit Format View Help
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#

```

(<https://www.assistanz.com/v>

content/uploads/2018/01/image-179.png)

- ◆ Add your ubuntu machine name and its IP address.



```
hosts - Notepad
File Edit Format View Help

# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com          # source server
#       38.25.63.10        x.acme.com             # x client host

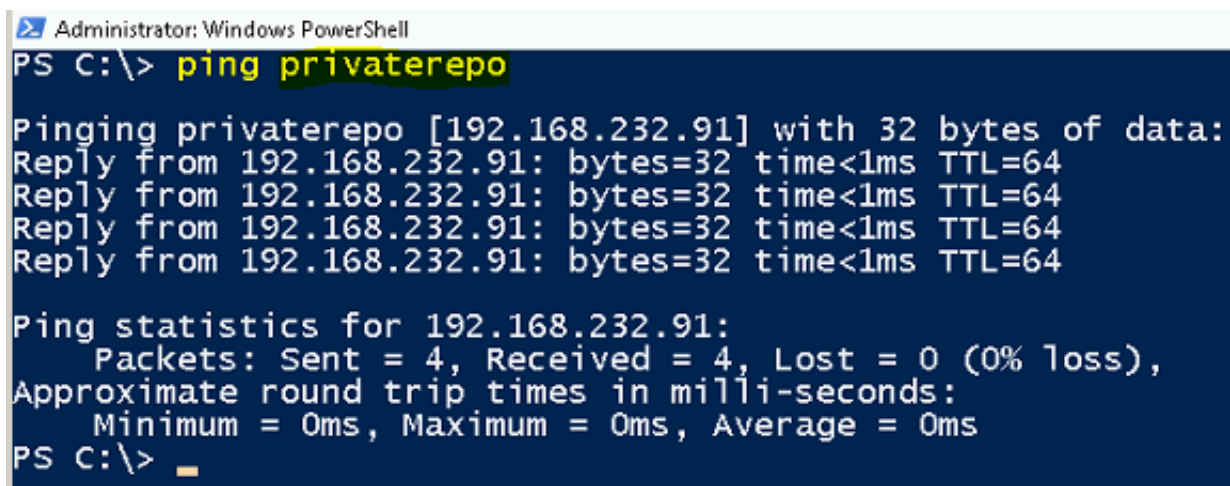
# localhost name resolution is handled within DNS itself.
#       127.0.0.1         localhost
#       ::1               localhost

192.168.232.91 privaterepo
```

(<https://www.assistanz.com>)

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- ◆ Save and close the hosts file. Verify the hostname through **PING** command.



```
Administrator: Windows PowerShell
PS C:\> ping privaterepo

Pinging privaterepo [192.168.232.91] with 32 bytes of data:
Reply from 192.168.232.91: bytes=32 time<1ms TTL=64
Reply from 192.168.232.91: bytes=32 time<1ms TTL=64
Reply from 192.168.232.91: bytes=32 time<1ms TTL=64
Reply from 192.168.232.91: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.232.91:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\> _
```

(<https://www.assis>)

content/uploads/2018/01/image-181.png)



## PREPARING THE IMAGES

- ◆ From the windows machine, type docker images to list the available images in the windows docker.

```
PS C:\> docker images
REPOSITORY              TAG          IMAGE ID          CREATED
microsoft/windowsservercore latest       ce27208ad678     3 months ago
microsoft/nanoserver     latest       302c09e12784     3 months ago
PS C:\> _
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-182.png>)

- ◆ The image name should be in the below format

**private repo namespace:<portnumber>/imagename**

**Example:** privaterepo:5000/mynanoserver

- ◆ Rename the image name as shown as above. We are using nanoserver for this demo.

**docker tag microsoft/nanoserver privaterepo:5000/mynanoserver**

```
PS C:\> docker images
REPOSITORY              TAG          IMAGE ID          CREATED
microsoft/windowsservercore latest       ce27208ad678     3 months ago
microsoft/nanoserver     latest       302c09e12784     3 months ago
PS C:\>
PS C:\>
PS C:\>
PS C:\> docker tag microsoft/nanoserver privaterepo:5000/mynanoserver
PS C:\> _
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-183.png>)

- ◆ Untag the old image name using the below command.

**docker rmi microsoft/nanoserver:latest**

```

PS C:\> docker images
REPOSITORY                                TAG                                IMAGE ID                                CREATED
microsoft/windowsservercore              latest                             ce27208ad678                           3 months ago
microsoft/nanoserver                      latest                             302c09e12784                           3 months ago
privaterepo:5000/mynanoserver              latest                             302c09e12784                           3 months ago
PS C:\>
PS C:\>
PS C:\> docker rmi microsoft/nanoserver:latest
Untagged: microsoft/nanoserver:latest
Untagged: microsoft/nanoserver@sha256:bea766f955b4e7e0c5d41654454629b81ef20d57df51709d61
PS C:\>
PS C:\>
PS C:\> docker images
REPOSITORY                                TAG                                IMAGE ID                                CREATED
microsoft/windowsservercore              latest                             ce27208ad678                           3 months ago
privaterepo:5000/mynanoserver              latest                             302c09e12784                           3 months ago
PS C:\> _

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-184.png>)

## VERIFICATION

- ◆ Use the below command to push docker images to docker registry.

**docker push privaterepo:5000/mynanoserver**

```

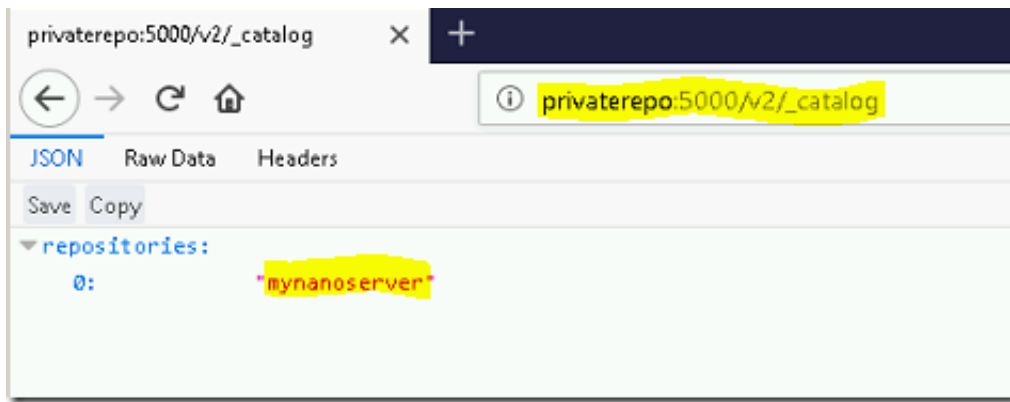
PS C:\> docker push privaterepo:5000/mynanoserver
The push refers to a repository [privaterepo:5000/mynanoserver]
58c642e95314: Skipped foreign layer
6c357baed9f5: Skipped foreign layer
latest: digest: sha256:bea766f955b4e7e0c5d41654454629b81ef20d57df51709d61531d51d1ca
PS C:\> _

```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-185.png>)

- ◆ We can use the below URL to view the list of images available in the private registry through a web browser.

**[http://privaterepo:5000/v2/\\_catalog](http://privaterepo:5000/v2/_catalog)** ([http://privaterepo:5000/v2/\\_catalog](http://privaterepo:5000/v2/_catalog))



([https://www.assistanz.com/wp-](https://www.assistanz.com/wp-content/uploads/2018/01/image-186.png)

[content/uploads/2018/01/image-186.png](https://www.assistanz.com/wp-content/uploads/2018/01/image-186.png))

**Note:** *Privaterepo* is the ubuntu machine name.

- ◆ Login into registry container and go-to **/var/lib/registry/docker/registry/v2/repositories** directory and you will pushed images.

```
root@privaterepo:~# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
005d523ce240       registry           "/entrypoint.sh /e..." 2 hours ago        Up 2 hours         0.0.0.0:5000->
root@privaterepo:~#
root@privaterepo:~# docker exec -it regdock sh
/ #
/ #
/ # cd /var/lib/registry/docker/registry/v2/repositories
/var/lib/registry/docker/registry/v2/repositories #
/var/lib/registry/docker/registry/v2/repositories #
/var/lib/registry/docker/registry/v2/repositories # ls
mynanoserver
/var/lib/registry/docker/registry/v2/repositories #
```

(<https://www.assistanz.com/wp-content/uploads/2018/01/image-187.png>)

## VIDEO

## Steps to configure private registry for docker Windows server 2016



**Thanks for reading this blog. We hope it was useful for you to learn about configuring the private repository for docker windows 2016.**

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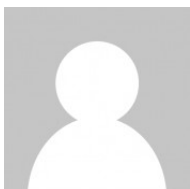
AUTHOR:

**LOGES**

Logeswaran holds Microsoft certified engineer & solution architect certifications with over 11+ years of experience in the fields of hosting technologies and IMS/Cloud consulting. At AssistanZ, Logeswaran spearheads the strategic planning and execution of the company's Microsoft based core technologies to Enterprise customers.

## 2 comments

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**Sreejith**

APRIL 15, 2018 AT 9:48 PM ([HTTPS://WWW.ASSISTANZ.COM/STEPS-TO-CONFIGURE-PRIVATE-REGISTRY-FOR-DOCKER-NANOSERVER-2016/#COMMENT-3053](https://www.assistanz.com/steps-to-configure-private-registry-for-docker-nanoserver-2016/#comment-3053))

Hi Loges,

Quite informative with the screen shots. I actually reached your website while troubleshoot this.

Well, I think we have an issue here with the setup. If you actually check the contents of you you will soon realize that the size is too small. As its mentioning skipping foreign layers, its storing the nano server layer there....!

Please have a look at this.

Thanks & regards,  
Sreejith



**Loges** (<http://www.assistanz.com>)

APRIL 20, 2018 AT 1:40 PM ([HTTPS://WWW.ASSISTANZ.COM/STEPS-TO-CONFIGURE-PRIVATE-REGISTRY-FOR-DOCI-SERVER-2016/#COMMENT-3225](https://www.assistanz.com/steps-to-configure-private-registry-for-doci-server-2016/#comment-3225))

Hi Sreejith,

Thanks for the comment. We will check and update it.

Regards,  
Loges

## leave a reply

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E-mail

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Message \*

**> post a comment**

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