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change default installation Path for docker'



Change default installation Path for docker folder

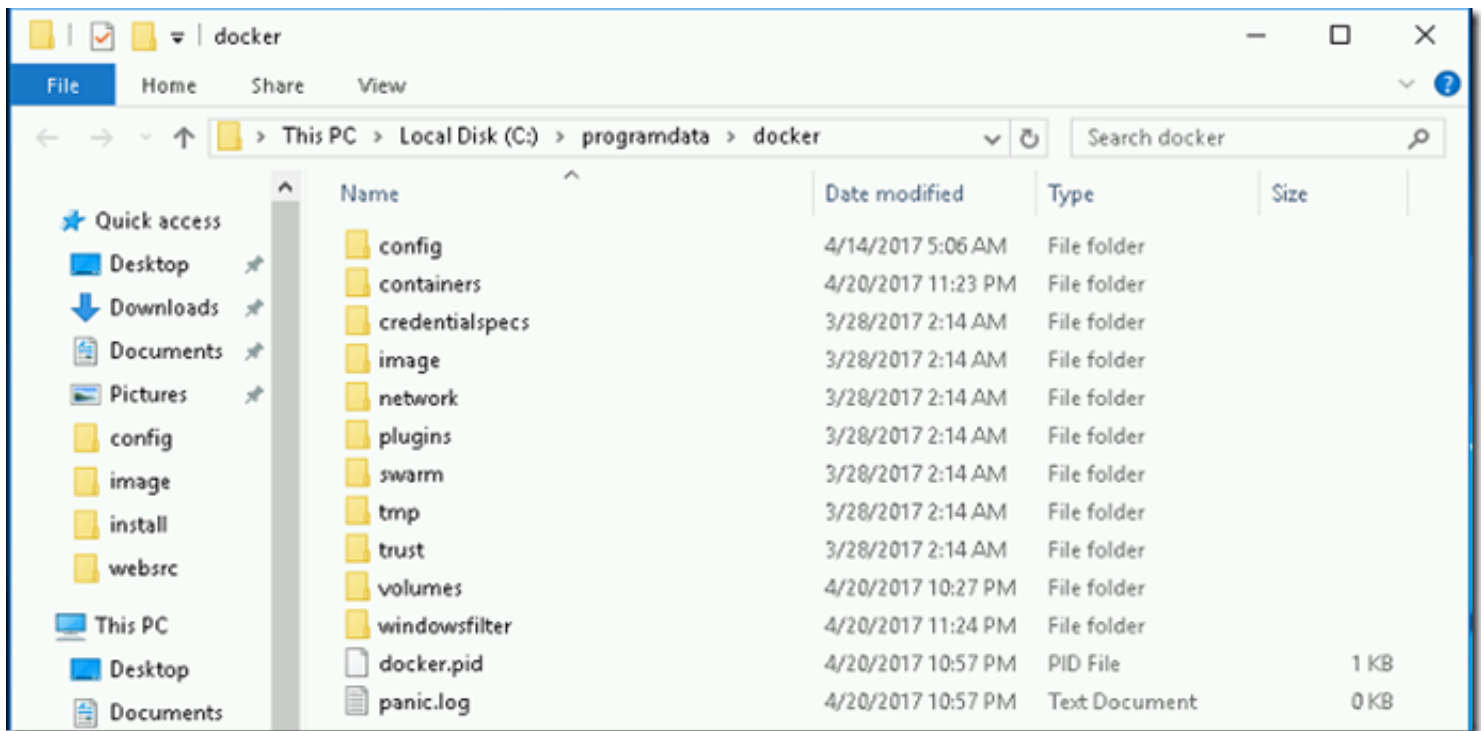
In this blog, we will show you how to change default installation path for docker folder using daemon file

SYSTEM REQUIREMENT

- ♦ Windows docker should be installed in windows 2016 container host.

DAEMON FILE CREATION

- ♦ By default, docker will be installed in c:\programdata\docker folder.



(<https://www.assistanz.com/wp-content/uploads/2017/04/image-194.png>)

- ◆ Also, we can find the default path of docker folder using below command.

docker info

```

Administrator: Windows PowerShell (2)
PS C:\> docker info
Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
Images: 3
Server Version: 17.03.0-ee-1
Storage Driver: windowsfilter
  Windows:
Logging Driver: json-file
Plugins:
  Volume: local
  Network: l2bridge l2tunnel nat null overlay transparent
Swarm: inactive
Default Isolation: process
Kernel Version: 10.0 14393 (14393.1066.amd64fre.rs1_release_sec.170327-1835)
Operating System: Windows Server 2016 Datacenter Evaluation
OSType: windows
Architecture: x86_64
CPUs: 2
Total Memory: 3.023 GiB
Name: windowsServer
ID: ZA3F:RYSA:GIDM:26EE:VJGY:3GAG:Z5WT:6KDJ:KHY:AMD6:SUSY:VTU7
Docker Root Dir: C:\ProgramData\docker
Debug Mode (client): false
Debug Mode (server): false
Username: azcontainer
Registry: https://index.docker.io/v1/
Experimental: false
Insecure Registries:
  127.0.0.0/8
Live Restore Enabled: false
PS C:\>

```

(<https://www.assistanz.com/wp-content/uploads/2017/04/in>

content/uploads/2017/04/image-195.png)

- ♦ Stop the docker service using the **stop-service** command.

stop-service docker

```

PS C:\> stop-service docker
PS C:\>

```

(<https://www.assistanz.com/wp-content/uploads/2017/04/in>

- ♦ Go-to PowerShell and type the below command to create a new file named **daemon.json** under **C:\programdata\docker\config** folder.

New-Item -ItemType file -Name daemon.json -Path c:\programdata\docker\config

```
PS C:\> new-item -ItemType file -Name daemon.json -Path c:\programdata\docker\config

Directory: C:\programdata\docker\config

Mode                LastWriteTime         Length Name
----                -
-a-----         4/21/2017  12:02 AM             0 daemon.json

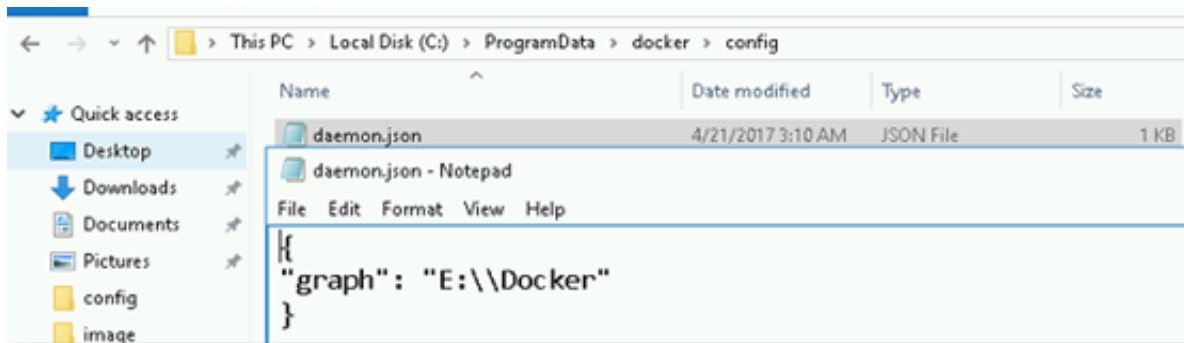
PS C:\> _
```

(<https://www.assistanz.com/wp-content/uploads/2017/04/image-197.png>)

- ◆ Open the **daemon.json** and add the below content.

```
{
  "graph": "E:\\ Docker"
}
```

Note : In this demonstration, we are moving docker folder from C:\ to E:\ drive



(<https://www.assistanz.com/wp-content/uploads/2017/04/image-198.png>)

content/uploads/2017/04/image-198.png)

- ◆ Create a folder in E:\ drive using below command.

New-Item -ItemType directory -Path e: -Name Docker

```
PS C:\> New-Item -ItemType directory -Path e: -Name Docker

Directory: E:\

Mode                LastWriteTime         Length Name
----                -
d-----         4/21/2017  12:29 AM              Docker

PS C:\> _
```

(<https://www.assis>

content/uploads/2017/04/image-199.png)

CHANGING THE DEFAULT FOLDER PATH

- ◆ Start the docker service using below command.

start-service docker

```
PS C:\> start-service docker
PS C:\>
```

(<https://www.assistanz.com/wp-content/uploads/2017/04/i>

- ◆ Service has started without any errors. Run **docker info** command to view the default folder path.

```
PS C:\> docker info
Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
Images: 0
Server Version: 17.03.0-ee-1
Storage Driver: windowsfilter
  Windows:
Logging Driver: json-file
Plugins:
  Volume: local
  Network: l2bridge l2tunnel nat null overlay transparent
Swarm: inactive
Default Isolation: process
Kernel Version: 10.0 14393 (14393.1066.amd64fre.rs1_release_sec.170327-1835)
Operating System: Windows Server 2016 Datacenter Evaluation
OSType: windows
Architecture: x86_64
CPUs: 2
Total Memory: 3.023 GiB
Name: windowsServer
ID: M6XP:LETX:YBKG:FFZX:UPLV:A3JE:QGVK:JQSD:7MCN:54US:RRBG:R4HH
Docker Root Dir: E:\Docker
Debug Mode (client): false
Debug Mode (server): false
Username: azcontainerr
Registry: https://index.docker.io/v1/
Experimental: false
Insecure Registries:
  127.0.0.0/8
Live Restore Enabled: false
PS C:\> _
```

(<https://www.as>

content/uploads/2017/04/image-201.png)

- ◆ The default folder has changed to E: drive now.

VIDEO