

Instalación de Docker

Puede encontrar la ayuda completa en esta página <https://docs.docker.com/installation/>

Debian o Ubuntu

Instalación de paquetes necesarios:

```
apt-get update
apt-get install -y apt-transport-https
```

Adicionar el repositorio en la UCLV

```
cat > /etc/apt/sources.list.d/docker.list << 'EoT'
#origen: deb https://apt.dockerproject.org/repo debian-jessie main
deb http://repos.uclv.edu.cu/dockerproject debian-jessie main
deb http://repos.uclv.edu.cu/dockerproject debian-stretch main
EoT
```

Adicionar la llave con la que se firman los paquetes

Si se tiene conexión a Internet

```
apt-key adv --keyserver hkp://p80.pool.sks-keyservers.net:80 \
--recv-keys 58118E89F3A912897C070ADB76221572C52609D
```

Si no se tiene:

```
cat > dockerproject.key << 'EoT'
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1
```

```
mQINBFWln24BEADrBl5p99uKh8+rpvqJ48u4eTtjeXAWbslJotmC/CakbNSq0b9o
ddfzRvGVeJVERT/Q/mlvEqgnyTQy+e6oEYN2Y2kqXceUhXagThnqCoxcEJ3+KM4R
mYdoe/BJ/J/6rH0jq70mk24z2qB3RU1uAv57iY5VGw5p45uZB4C4pNNsBJXoCvPn
TGAs/7IrekFZDDgVraPx/hdiwopQ8NltSfZCyu/jPpWFK28TR8yfVlzYFwibj5WK
dHM7ZTqlA1tHIG+agyPf3Rae0jPMsHR6q+arXVwMccy0i+ULU0z8mHUJ3iEMIRpT
X+80KaN/ZjibfsB0CjcfiJSB/acn4nxQQgNZigna32velafhQivsNREFeJpzENiG
H0oyC6qVe0gKrRiKxzymj0FIMLru/iFF5pSwcBQB7PYlt8J0G80lAcPr6VCiN+4c
NKv03SdvA69dC0j79Pu09IIvQsJXsSq96HB+TeEmmL+xSdpGtGdCJHMM1fDeCqkZ
hT+RtBGQL2SEdWjxbF43oQopocT8chvyX6Zaltn0svoGs+wX3Z/H6/8P5anog43U
65c0A+64Jj00rNDR8j3lizhtQMRo892kGeQAaaxg4Pz6HnS7hRC+c0MHUU4HA7iM
zHrouAdYeTZeZEQ0A7SxtCME9ZnGwe2grXPXh/U/80WJGkzLFNcTKdv+rwARAQAB
tDdEb2NrZXIgaUmVsZWZzZSBUb29sICHyZWxlyXNlZG9ja2VyKSA8ZG9ja2VyQGRv
Y2tlci5jb20+iQIcBBABCgAGBQJWw7vdAAoJEFyzYeVS+w0QHysP/i37m4Syo0CV
cnybl18vzwBEcp4VCRbXvHv0XtylgccVIV8/aJqNKgBV97LY3vrp0yiIeB8ETQeg
srxFE7t/Gz0rsL0bqfLEHdmn5iBJRkhlfCpzje0nyB3Z0IJB6Uog0/msQVYe5CXJ
l6uwr0AmoiCBLrVlDAktXvH9RWch0l0KZR2FpHu8h+uM0/zySqIidlyfLa3y5oH
```

```

scU+nGU1i6ImwDTD3ysZC5jp9aVfvUmcESyAb4vvdcaHR+bXhA/RW8QHeeMfliWw
7Z2jYHYuHmDnWG2yUrnCqAJTrWV+0fKRIzzJFBs4e88ru5h2ZIXdRepw/+COYj34
LyzxR2cxr2u/xvxwXCkSMe7F4KZaphD+1ws61FhnUMi/PERMYfTFuvPrCkq4gyBj
t3fFpZ2NR/fKW87Q0eVcn1ivXl9id3MMs9KXJsg7QasT7mCsee2VIFsxrkFQ2jNp
D+JAERRn9Fj4ArHL5TbwkkFbZZvSi6fr5h2GbCAXIGhIXKnjjorPY/YDX6X8AaH0
W1zblWy/CFr6VFL963jrjJgag0G6tNtBZLrclZgWh0QpeZZ5Lbvz2ZA5CqRrfAVc
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+w0QeH0QAI6btAfYwYPuAjfRUy9qlnPhZ+xt1rnwsUzsbmo8K3XTNh+l/R08nu0d
sczw30Q1wju28fh1N8ay223+69f0+yICaXqR18AbGgFGKX7vo0gfEVaxdItUN3eH
NydGFzme0KbAlrxIMECnSTG/TkFVY09Ntlv9vSN2BupmTagTRErxLZKnVsWRzp+X
elwlgU5BCZ6U6Ze8+bIc6F1bZstf17X8i6XNV/r0CLx2yP0hn1osoljoLPpW8nzk
wvqYsYbCA28lMt1aqe0UwvRCqR0zxln17N2QqjbxcajEMCajoQ01Mshm05GWePV
iv2abCZ/iaC5zKqVT3deMJHLq7lum6qhA41E9gJH9QoqT+qgadheeFfoC1QP7cke
+tXmYg2R39p3l5Hm+JQbP4f9V5mpWExvHGCSbcatr35tnakIJZugq2ogzsmldjC
Sz9222RXl90oFqsm1bNzA78+/c0t5N2cyhU0bM2T/zgh42YbDD+JDU/HSmUIpU+
wrGvZGM2FU/up0DRx0C4U1fL6HHLj8liNjWfEg3vhoug0h66gGF9ik5j4eIlNoz6
lst+gmvlZQ9/9hRDeoG+AbhZeIlQ4CCw+Y1j/+fUxIzKHPVK+aFJd+oJVNvbojJW
/SgDdSmtFwq0vXyYchl30ws0gZUeDyAmNGZeJ3kFklNpDmeKK+0iQIiBBABCgAM
BQJXe5zTBYMHhh+AAAoJEDG4FaMBBnSp7YMQAjqrXoBonZAq07B6qUaT3aBCgnY4
JshbXmFb/XrrS75f7YJDPx2fJJdqrBYDIHhg0jzxvp3ngPp0pJzI5sYmkaueoC0
/KHu/+39XqgTB7fguzapRfbvuWp+qzPcHSdb9opnagfzKAze3DQnnLiwCPlsyvGp
zC4KzXgV2ze/4raa0ye1kK700cHyapmn/q/TR3S8YapyXq5VpLThwJAw1SRDu0Yx
eXIAQiIifaSxT79EktoioW2CSV8/djt+gBjXnKYJJA8P1zzX7GNt/Rc2YG00t4v6t
BW16xqFTg+n5JzbeK5cZ1jbIXXfCcaZJyiM2mZyGhSJ9+EV7JYF050AIWE4SGTRj
XMquQ2oMLSwMCPQHm+FCD9PXQ0tHYx6tKT34wksdmoWsdejL/n3NS+178mG1WI/L
N079h3im2gRw0ykMou/Qws3vGw/xDo0YHPV2gJ7To9BLVnVK/hR0gdFLZFeyRScN
zwKm57HmYMFA74tX6010iHhk1ymP2Uuc25oDwPLXlfcRULJJlo/KfZZF3pmKwIq3
CilGayFUilNNwuavG76EcAVtVFUVFFIITwkhkuRbBHIytzEHYosFgD5/ack0Pauq
JnrwrKv0nWq3aK7nKiALAD+iZvPNjFZau3/APqLEvmRnAElmugcHswREFxMMjMM
VgYFiYKUAJ08u46eiQI4BBMBAgAiBQJVpZ9uAhsvBgsJCAcDAgYVCAIJCgsEFgID
AQIeAQIXgAAKCRD3YiFXLfJgnbRfEAC9Uai7Rv20QIDlDogRzd+Vebg4ahyoUdj0
CH+nAk40RIoq6G26ule+sdgjpCa8jF6vrx+smpgd1HeJdmpahUX0XN3X9f9qU9oj
9A4I1WdalRWJh+tP5WNv2ySy6AwcP9QnjuBMRtnTK27pk1sEMg9oJHK5p+ts8h1S
C4S1uyMKH5NMVY9c+A9yqq9NF6M6d6/ehKfBFFLG9BX+XLBATvf1ZemGVHQuScQe
bTGv0C0V9yqtdPdRWVIEhHxyNHATaVY0afTj/EF0LDxLl6zDT6trRV5n9F1VCEh4
Aal8L5MxVPcIZV07NHT2EkQgn8CvWjV3oKl2GopZF8V4XdJrL90U/WDv/6cmfI08
GkzDYBHhS8ULWRFwGKobsSTyIvnbk4NtKdnTGyTJCQ8+6i52s+C54PiNgfj2ieNn
6o0R7d+bNCcG1Cd0YY+ZXV0csjl73UYvtJr00Rl/NpYERkZ5d/tzw4jZ6FCXgggA
/Zxcjk6Y1ZvIm8Mt8wLRFH9Nww+FVsCtaCXJLP8DlJLASMD9rl5QS9Ku3u7ZNrr5
HWXPHXITX660jglyshch6CWeiUATqjIAzkeQom/kEn0rvJAtkypRJ59vYQ0edZ1s
FVELMXg2UCkD/FwojfnVtjzYaTceGwFQeqzHmM241iu0mBYPeyTY5veF49aBJA1g
EJ0QTVBR8Q==
=Yhur
-----END PGP PUBLIC KEY BLOCK-----
EoT

```

```
apt-key add dockerproject.key
```

Actualización:

```
apt-get update
```

Instalación:

```
apt-get install -y docker-engine
```

Comprobar:

```
docker info
```

La salida debe parecerse a esta:

```
Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
Images: 0
Server Version: 1.12.3
Storage Driver: devicemapper
  Pool Name: docker-254:1-163113-pool
  Pool Blocksize: 65.54 kB
  Base Device Size: 10.74 GB
  Backing Filesystem:
  Data file: /dev/loop0
  Metadata file: /dev/loop1
  Data Space Used: 305.7 MB
  Data Space Total: 107.4 GB
  Data Space Available: 6.45 GB
  Metadata Space Used: 729.1 kB
  Metadata Space Total: 2.147 GB
  Metadata Space Available: 2.147 GB
  Thin Pool Minimum Free Space: 10.74 GB
  Udev Sync Supported: true
  Deferred Removal Enabled: false
  Deferred Deletion Enabled: false
  Deferred Deleted Device Count: 0
  Data loop file: /var/lib/docker/devicemapper/devicemapper/data
  WARNING: Usage of loopback devices is strongly discouraged for production
  use. Use `--storage-opt dm.thinpooldev` to specify a custom block storage
  device.
  Metadata loop file: /var/lib/docker/devicemapper/devicemapper/metadata
  Library Version: 1.02.90 (2014-09-01)
Logging Driver: json-file
```

```
Cgroup Driver: cgroupfs
Plugins:
  Volume: local
  Network: null host bridge overlay
Swarm: inactive
Runtimes: runc
Default Runtime: runc
Security Options:
Kernel Version: 3.16.0-4-amd64
Operating System: Debian GNU/Linux 8 (jessie)
OSType: linux
Architecture: x86_64
CPUs: 1
Total Memory: 1000 MiB
Name: server.domain.cu
ID: EMRC:BTXV:UPON:VSHK:AD7K:035C:FY6S:RM6Y:X4NX:SI46:AUZR:IYZH
Docker Root Dir: /var/lib/docker
Debug Mode (client): false
Debug Mode (server): false
Registry: https://index.docker.io/v1/
WARNING: No memory limit support
WARNING: No swap limit support
WARNING: No kernel memory limit support
WARNING: No oom kill disable support
WARNING: No cpu cfs quota support
WARNING: No cpu cfs period support
Insecure Registries:
  127.0.0.0/8
```

From:

<http://redtic.uclv.cu/dokuwiki/> - **ICT Network Project**

Permanent link:

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