

<Newton>

1. High performance desktop for Moonjip's team (in 2017)
2. IP address: 203.247.189.167
3. Specification
 - CPU: Intel Xeon E5-2680, 35 MB Cache, 2.4 GHz, 28 Cores
 - Memory: 512GB RDIMM (32GB * 16ea)
 - OS: Ubuntu 16.04
 - Disk information: 12TB HDD storage
4. How to access and use

You can access to Newton by the command as below.

\$ ssh -XCY -p 4022 username@newton.ibs.re.kr

Applications installed are as below.

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----- Installed Programs or Libraries -----  
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VASP

gcc 5.4.0

MATLAB R2020b, Mathematica 13.1

\$ pip3 -V

pip 8.1.1 from /usr/lib/python3/dist-packages (python 3.5)

\$ pip3 list

Package (Version)

apturl (0.5.2)

beautifulsoup4 (4.4.1)

blinker (1.3)

Brlapi (0.6.4)

chardet (2.3.0)

checkbox-support (0.22)

command-not-found (0.3)

cryptography (1.2.3)

defer (1.0.6)

feedparser (5.1.3)

guacamole (0.9.2)

html5lib (0.999)

httplib2 (0.9.1)

idna (2.0)

Jinja2 (2.8)

language-selector (0.1)

louis (2.6.4)

lxml (3.5.0)

Mako (1.0.3)
MarkupSafe (0.23)
oauthlib (1.0.3)
onboard (1.2.0)
padme (1.1.1)
pexpect (4.0.1)
Pillow (3.1.2)
pip (8.1.1)
plainbox (0.25)
ptyprocess (0.5)
pyasn1 (0.1.9)
pycups (1.9.73)
pycurl (7.43.0)
pygobject (3.20.0)
PyJWT (1.3.0)
pyparsing (2.0.3)
python-apt (1.1.0b1+ubuntu0.16.4.11)
python-debian (0.1.27)
python-systemd (231)
pyxidg (0.25)
reportlab (3.3.0)
requests (2.9.1)
sessioninstaller (0.0.0)
setuptools (20.7.0)
six (1.10.0)
ssh-import-id (5.5)
system-service (0.3)
ubuntu-drivers-common (0.0.0)
ufw (0.35)
unattended-upgrades (0.1)
unity-scope-calculator (0.1)
unity-scope-chromiumbookmarks (0.1)
unity-scope-colourlovers (0.1)
unity-scope-devhelp (0.1)
unity-scope-firefoxbookmarks (0.1)
unity-scope-gdrive (0.7)
unity-scope-manpages (0.1)
unity-scope-openclipart (0.1)
unity-scope-texdoc (0.1)
unity-scope-tomboy (0.1)
unity-scope-virtualbox (0.1)
unity-scope-yelp (0.1)
unity-scope-zotero (0.1)
urllib3 (1.13.1)

usb-creator (0.3.0)

virtualenv (15.0.1)

wheel (0.29.0)

xdiagnose (3.8.4.1)

xkit (0.0.0)

XlsxWriter (0.7.3)
