**Help Text**

fochan$ python bigiplicmgr.py -h

usage: bigiplicmgr.py [-h] --licmgr\_ip LICMGR\_IP --licmgr\_adm LICMGR\_ADM

                      --licmgr\_pwd LICMGR\_PWD [--bigip\_ip BIGIP\_IP]

                      [--bigip\_adm BIGIP\_ADM] [--bigip\_pwd BIGIP\_PWD] --action

                      ACTION [--regkey\_pool\_name REGKEY\_POOL\_NAME]

                      [--regkey REGKEY]

F5 BIG-IP License Manager Utilities

optional arguments:

  -h, --help            show this help message and exit

  --licmgr\_ip LICMGR\_IP

                        F5 license manager IP Address

  --licmgr\_adm LICMGR\_ADM

                        F5 license manager admin username

  --licmgr\_pwd LICMGR\_PWD

                        F5 license manager admin password

  --bigip\_ip BIGIP\_IP   BIG-IP IP address (license target)

  --bigip\_adm BIGIP\_ADM

                        BIG-IP admin username (e.g. admin)

  --bigip\_pwd BIGIP\_PWD

                        BIG-IP admin password

  --action ACTION       F5 license manager actions (dump-license, assign-

                        license, revoke-license

  --regkey\_pool\_name REGKEY\_POOL\_NAME

                        License Manager RegKey License Pool Name

  --regkey REGKEY       Registration Key string. By default retrieve available

                        license string from LM. This to overwrite

**To assign and trigger license push from LM onto BIG-IP**

fochan$ python bigiplicmgr.py --licmgr\_ip 192.168.110.52 --licmgr\_adm admin --licmgr\_pwd passw0rd --regkey\_pool\_name RegKeyPool --bigip\_ip 192.168.110.123 --bigip\_adm admin --bigip\_pwd admin --action assign-license

-------------------------------------------------------------

License key GFETI-YNGBG-ZOMEQ-RHNMG-XKQTACQ successfully assigned

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{

  "status": "INSTALLING",

  "deviceName": "bigip1",

  "kind": "cm:device:licensing:pool:regkey:licenses:item:offerings:regkey:members:regkeypoollicensememberstate",

  "deviceMachineId": "1c372a1d-ac78-4af0-838e-d1cf2b8e7dbf",

  "generation": 1,

  "httpsPort": 443,

  "deviceAddress": "192.168.110.123",

  "lastUpdateMicros": 1505025651033891,

  "id": "5dc7aed0-a528-4bdf-956f-8d64910bdae2",

  "selfLink": "<https://localhost/mgmt/cm/device/licensing/pool/regkey/licenses/b5f76ecb-89c5-4a9f-85ad-04187b61657f/offerings/GFETI-YNGBG-ZOMEQ-RHNMG-XKQTACQ/members/5dc7aed0-a528-4bdf-956f-8d64910bdae2>"

}

**To dump all license key and it status on BIG-IQ LM**

fochan$ python bigiplicmgr.py --licmgr\_ip 192.168.110.52 --licmgr\_adm admin --licmgr\_pwd passw0rd --regkey\_pool\_name RegKeyPool --action dump-license

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License key dump for RegKeyPool

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RegKey                              DeviceName           DeviceAddress        Status

TXLPP-PNFCD-LAEGV-HKXFY-NBKZXPS     f.foobz.com          192.168.101.121      LICENSED

EZAZF-JYCQJ-KEIFE-OQWCE-QDNEEQY     bigip1               192.168.101.122      LICENSED

GFETI-YNGBG-ZOMEQ-RHNMG-XKQTACQ     bigip1               192.168.110.123      LICENSED

**By default, it automatically assign an un-used RegKey from the list. If you want to force to use a specific RegKey**

MEL-ML-FOCHAN:bigiplicmgr fochan$ python bigiplicmgr.py --licmgr\_ip 192.168.110.52 --licmgr\_adm admin --licmgr\_pwd passw0rd --regkey\_pool\_name RegKeyPool --bigip\_ip 192.168.101.121 --bigip\_adm admin --bigip\_pwd admin --action assign-license **--regkey\_string EZAZF-JYCQJ-KEIFE-OQWCE-QDNEEQY**

-------------------------------------------------------------

License key EZAZF-JYCQJ-KEIFE-OQWCE-QDNEEQY successfully assigned

-------------------------------------------------------------

{

  "status": "INSTALLING",

  "deviceName": "f.foobz.com",

  "kind": "cm:device:licensing:pool:regkey:licenses:item:offerings:regkey:members:regkeypoollicensememberstate",

  "deviceMachineId": "5235024f-7449-40e9-b386-188c65036be3",

  "generation": 1,

  "httpsPort": 443,

  "deviceAddress": "192.168.101.121",

  "lastUpdateMicros": 1505026455066898,

  "id": "ab4a0faf-15e8-4eac-af07-ce8cd9e6abe8",

  "selfLink": "<https://localhost/mgmt/cm/device/licensing/pool/regkey/licenses/b5f76ecb-89c5-4a9f-85ad-04187b61657f/offerings/EZAZF-JYCQJ-KEIFE-OQWCE-QDNEEQY/members/ab4a0faf-15e8-4eac-af07-ce8cd9e6abe8>"

}

**To revoke/return a licensed assigned on specific BIG-IP IP address**

fochan$ python bigiplicmgr.py --licmgr\_ip 192.168.110.52 --licmgr\_adm admin --licmgr\_pwd passw0rd --regkey\_pool\_name RegKeyPool --bigip\_ip 192.168.101.121 --bigip\_adm admin --bigip\_pwd admin --action revoke-license