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mushorg / **conpot**

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ICS/SCADA honeypot

honeypot    scada    ics    python    security

⊙ **980** commits        ⑂ **17** branches        ⬨ **10** releases        ⚇ **22** contributors        ⚖ GPL-2.0

Branch: **master** ▾    New pull request

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⬛ **tpltnt** committed with **glaslos** adjusted URLs of upstream repos (#321)        Latest commit 7b83913 12 days ago

| 📁 bin | Do not enforce daemon section in config file | 2 years ago |
| 📁 conpot | Fix bug in http error response when path is None | 3 months ago |
| 📁 docs | adjusted URLs of upstream repos (#321) | 12 days ago |
| 📄 .coveragerc | Integrating conpot with coveralls | 2 years ago |
| 📄 .gitignore | gitignore: ignore OS X garbage | 4 years ago |
| 📄 .landscape.yaml | enabled landscape | 3 years ago |
| 📄 .travis.yml | Fixing typo | 10 months ago |
| 📄 Changelog.txt | Maintenance commit | 2 years ago |
| 📄 Dockerfile | Change "Glastopf Project" with "MushMush Foundation" | 2 years ago |
| 📄 LICENSE.txt | README reworked. | 4 years ago |
| 📄 MANIFEST.in | manifest | 3 years ago |
| 📄 README.rst | Easy Docker Container Installation Instructions (#318) | 3 months ago |
| 📄 ez_setup.py | ez_setup 6.0.1 | 3 years ago |
| 📄 requirements.txt | fixing bacpypes version | 7 months ago |
| 📄 setup.py | Change "Glastopf Project" with "MushMush Foundation" | 2 years ago |
| 📄 setuptools-6.0.1.zip | schemas: http, proxy and snmp | 3 years ago |

▦ **README.rst**

# Conpot  `build` `failing`  `health` `85%`  `downloads` `0/month`  `pypi` `v0.5.1`

## ABOUT

Conpot is an ICS honeypot with the goal to collect intelligence about the motives and methods of adversaries targeting industrial control systems

## DOCUMENTATION

The build of the documentations source can be found here. There you will also find the instructions on how to install conpot and the FAQ.

## EASY INSTALL USING DOCKER CONTAINER

**Via a pre-built image**

1. Install Docker

2. Run `docker pull honeynet/conpot`

3. Run `docker run -it -p 80:80 -p 102:102 -p 502:502 -p 161:161/udp --network=bridge honeynet/conpot:latest /bin/sh`

4. Finally run `conpot --template default`

Navigate to `http://MY_IP_ADDRESS` to confirm the setup. **Or, you may also**

**Build docker image from source**

1. Install Docker

2. Download the Dockerfile from conpot repo `wget https://raw.githubusercontent.com/mushorg/conpot/master/Dockerfile`

3. Run `docker build -t conpot .`

4. Run `docker run -it -p 80:80 -p 102:102 -p 502:502 -p 161:161/udp --network=bridge conpot`

Navigate to `http://MY_IP_ADDRESS` to confirm the setup.

## HPFEEDS

The honeypot has hpfeeds, our central logging feature disabled by default. By sending your data via hpfeeds you agree that your data might be shared with 3rd parties. If you are interested in the data collected by Conpot instances, please contact Lukas at glaslos@gmail.com

## SUPPORT

Thanks to JetBrains for free PyCharm licenses!

## SAMPLE OUTPUT

```
# conpot --template default

                 _
    ___  ___  ___  ___  ___ | |_
   |  _| . |  |   | . |   |  _|
   |___|___|_|_|   _|___|_|
                 |_|

   Version 0.5.1
   MushMush Foundation

2015-11-08 11:24:02,150 Starting Conpot using template: /usr/local/lib/python2.7/dist-packages/Conpot-0.5.0
2015-11-08 11:24:02,150 Starting Conpot using configuration found in: /usr/local/lib/python2.7/dist-package
2015-11-08 11:24:02,291 Fetched xxx.xxx.xxx.xxx as external ip.
2015-11-08 11:24:02,295 Found and enabled ( 'modbus', <class conpot.protocols.modbus.modbus_server.ModbusSe
2015-11-08 11:24:02,299 Conpot S7Comm initialized
2015-11-08 11:24:02,299 Found and enabled ( 's7comm', <class 'conpot.protocols.s7comm.s7_server.S7Server '
2015-11-08 11:24:02,300 Found and enabled ( 'http', <class 'conpot.protocols.http.web_server.HTTPServer '>
2015-11-08 11:24:02,301 Found and enabled ( 'snmp', <class 'conpot.protocols.snmp.snmp_server.SNMPServer '
2015-11-08 11:24:02,302 Conpot Bacnet initialized using the /usr/local/lib/python2.7/dist-packages/Conpot-0
2015-11-08 11:24:02,303 Found and enabled ( 'bacnet', <class 'conpot.protocols.bacnet.bacnet_server.Bacnet
2015-11-08 11:24:02,304 IPMI BMC initialized.
2015-11-08 11:24:02,305 Conpot IPMI initialized using /usr/local/lib/python2.7/dist-packages/Conpot-0.5.0-p
2015-11-08 11:24:02,305 Found and enabled ( 'ipmi', <class 'conpot.protocols.ipmi.ipmi_server.IpmiServer '
2015-11-08 11:24:02,305 No proxy template found. Service will remain unconfigured/stopped.
2015-11-08 11:24:02,305 Modbus server started on: ( '0.0.0.0', 502)
2015-11-08 11:24:02,306 S7Comm server started on: ( '0.0.0.0', 102)
2015-11-08 11:24:02,306 HTTP server started on: ( '0.0.0.0', 80)
2015-11-08 11:24:02,461 SNMP server started on: ( '0.0.0.0', 161)
2015-11-08 11:24:02,462 Bacnet server started on: ( '0.0.0.0', 47808)
2015-11-08 11:24:02,462 IPMI server started on: ( '0.0.0.0', 623)
2015-11-08 11:24:07,307 Privileges dropped, running as  "nobody:nobody "
```

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