

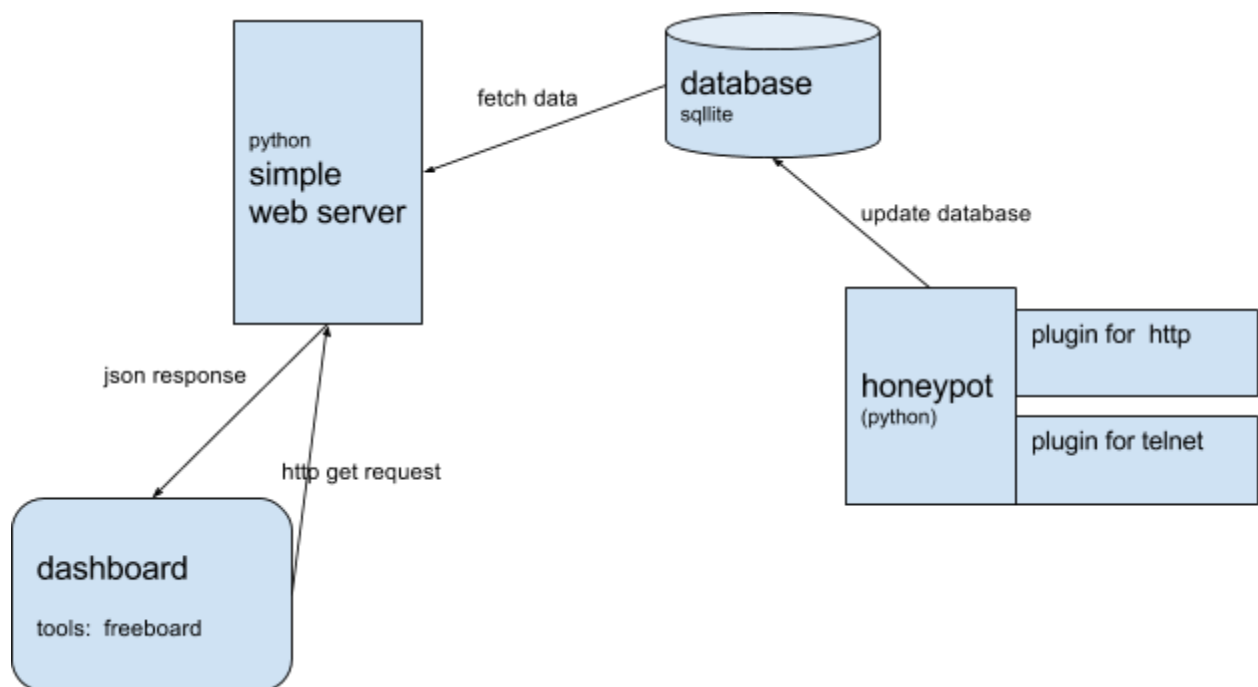
The Honeypot Project Requirements

Goal

Create a very simple one-click install of a honey pot that:

1. Is extensible by allowing plugins to be added for each type of port to monitor.
2. Tracks the attackers conversations used to attempt to break into these ports.
3. Reports various views of the attacker data via a simple dashboard.

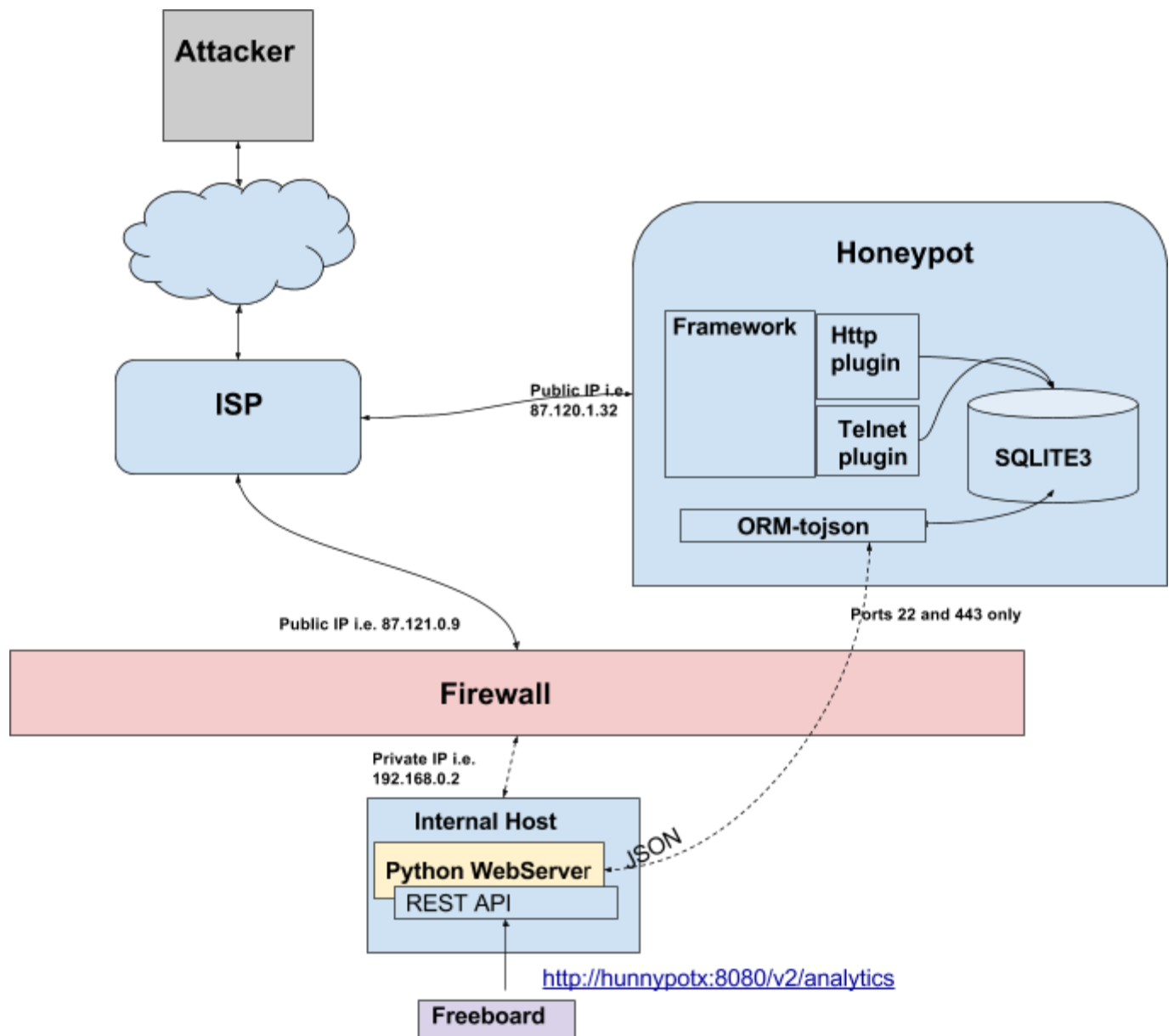
HunnyPotter Overview



Feature List

1. One click/script install.
2. Run in a very small footprint so it can sit on a Raspberry Pi Zero
3. Support two package installers, Debian and Redhat
4. Create adaption layer for additional plugins to be added to the honeypot to monitor additional ports.
5. Honeypot and Web Server must be written in Python
6. Dashboard can use tools such as Freeboard.
7. Do not need to have code compiled, can run in an interpreter for first release.
8. Each plugin will require its own thread.
9. Data stored will include at minimum:
 - a. pk: uuid
 - b. source ip
 - c. destination ??won't this always be the same??
 - d. port (index)
 - e. service name
 - f. plugin name
 - g. what user typed/sent
 - h. date/timestamp

Example Layout



LICENSING

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File Header:

HunnyPotR is a honeypot designed to be a one click installable, open source honey-pot that any developer or administrator would be able to write custom plugins for their specific needs.

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CLI Output:

HunnyPotR Copyright (C) 2016 RECCE7

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