



PDNSLOADBLANCER

Traffic Manager (Locally)

INTO TO PDNSLOADBALANCER

A Stateless service built on top of pdns.

All state stored in pdns.

Implemented as a linux service.

Any pdns dns entry that has multiple servers will be “load balanced”, by a combination of round robin by pdns, and if down, by pdnsloadbalancer.

HOW IT WORKS

Pdnsloadbalancer using rest, gathers a list of hosts with multiple entries.

Each of those hosts is then pinged, if up, its enabled, if down, its entry is disabled.

HOW'S IT IMPLEMENTED

Implemented as a golang executable, making rest calls to pdns.

242 Lines of Go Code

ENHANCEMENTS

There a full open field in pdns, so a rest based health check would be easy to implement. Or even multiple different types. Embedded json has a lot of power.

CODE:

<https://github.com/glennswest/pdnsloadbalancer>