

Why use **POWERDNS** 

@powerdns

Database-driven

MySQL, PostgreSQL, SQLite, Oracle

Remote-driven

Pipe, Unix Socket, HTTP, 0mq

Geolocation-driven

Geo + GeolP backends

API-driven

REST

```
curl -X POST --data '{
  "name": "example.org",
  "kind": "Native",
  "masters": [],
  "nameservers": ["ns1.example.org",
                  "ns2.example.org"]
}' -H 'X-API-Key: changeme' \
http://127.0.0.1:8081/servers/localhost/zones
```

Use Cases

- Classic: Hosting ISPs
- Hot: Service Discovery
- Load Balancing
- Easy DNSSEC
- Cloud: Your Own Route53

PowerDNS Recursor

Lua Engine

```
function preresolve ( remoteip, domain, qtype )  
  
    if domain == "evil.org."  
    then  
        return pdns.DROP, {}  
    elseif domain == "my-ip.dns."  
    then  
        return 0, {{qtype=pdns.A, content=remoteip}}  
    end  
  
    return pdns.PASS, {}  
end
```

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