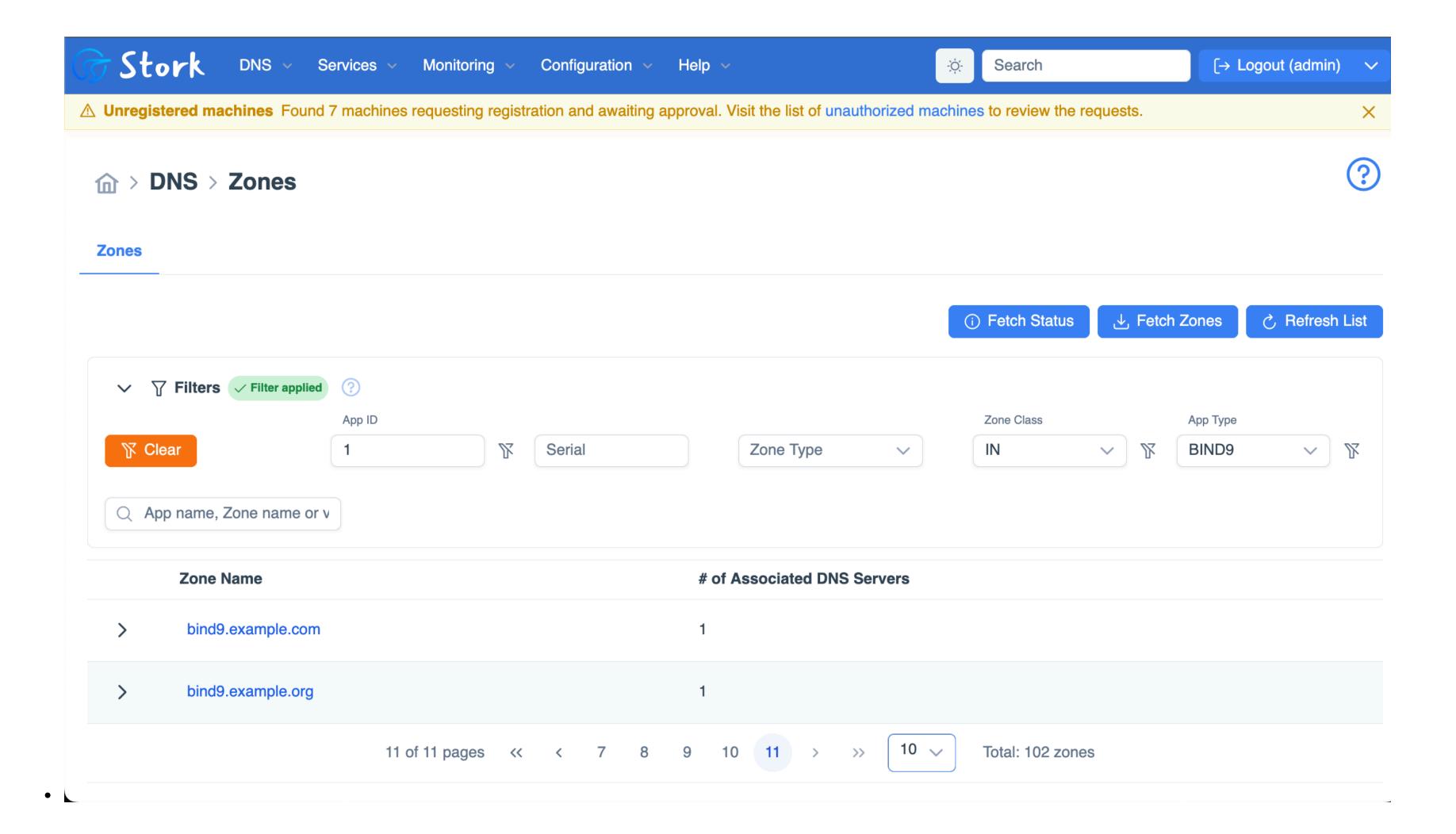
# DNS Zone Viewer / Stork + PowerDNS /

DNS Hackathon, Stockholm April 15-16, 2025

## Background

- Stork (<u>stork.isc.org</u>) is an open-source project for monitoring and controlling DHCP and DNS servers.
- Basic integration with BIND9 includes: gathering information about named instances and exporting some statistics to Prometheus and Grafana.
- Zone viewer and DNS dashboard started in early 2025 for BIND9.
- A groundwork for more sophisticated features.

## Zone Viewer



## Motivation (Stork + PDNS)

- Operators can differentiate DNS server implementations in their networks for scalability, security, and resiliency.
- Monitoring solutions should integrate with diverse DNS servers to be useful in such environments.

### Hackathon Goals

- Try to integrate PowerDNS with Stork.
- Identify any roadblocks and difficulties for such integration.
- Specifically, find deficiencies in the DNS servers' APIs and differences between different server implementations.
- Try using DNS protocols, such as AXFR to collect zone data from different server implementations.
- Document issues and propose improvements to the APIs.

#### Links

- https://github.com/DNS-Hackathon/Stork-DNS-Zone-Viewer
- https://gitlab.isc.org/isc-projects/stork
- https://stork.isc.org/