

Shane's History

Education

- Started as an Engineer
 - Only liked the FORTRAN class
- Moved to Computer Science
 - Studied AI, graphics – hated them all
 - Got bachelor (4-year) degree
- Stayed in Computer Science
 - Focus in distributed & realtime systems
 - Time synchronization project
 - (Partial) Java bytecode to 80x86 assembly conversion

ARIN

- 2nd job, first real Internet work
- Mostly Perl hacking
- First SQL work (Ingress to Oracle migration)
- First IPv6 work
 - First IPv6 registration database
 - Reverse DNS publication
 - IPv6 skeptic!
- First exposure to IETF (hated it)

RIPE NCC

- Started as database engineer
 - WHOIS software, administration, support
 - C hacking, MySQL work, Solaris to Linux migration
- Became Database group manager
- Became Software Engineering manager
- Ended up doing management – no coding! :(

ISC (part 1)

- C coding
- Developed DHCPv6 server component
 - End of IPV6 skepticism ;)
- Some BIND 9 hacking
- Left due to creative differences
 - Desired higher standards of software engineering

Afilias

- Software developer & DNS analyst
- On team deploying anycast DNS cloud
- Data analysis & gathering using pcap & Python
- DNS hosting system in Python & PostgreSQL

ISC (part 2)

- BIND 10 project leader
- More than 10 sponsors (mostly ccTLD)
- ISC team of 4 to 6 developers
- Outside contributors
- Some C++ and Python 3 coding
- Eventually failed, but published as Bundy

Dyn

- Hired for new Hivecast system
 - Evolution of anycast model
 - Containerized services, highly flexible
- Tech lead for software development
 - Built configuration and administration tools
 - Python 3 and PostgreSQL

BII

- To Be Added... ;)