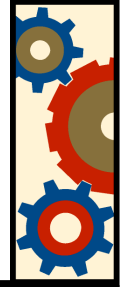# Internet Systems Consortium
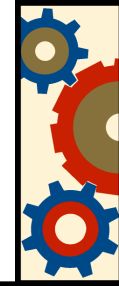
F root/BIND

João Damas

ISC
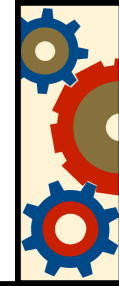
Outline

- F root anycast
- BIND Forum
- BIND

F root anycast

- Hierarchical anycast technique.
  - ISC-TN-2003-1
  - Local nodes: limited horizon for routing announcements controlled by use of NO-EXPORT community
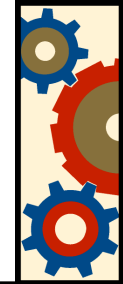 - Global nodes: unrestricted announcements, global transit

F root anycast

- Recent additional sites
    - Osaka, Japan, sponsored by NTT communications
    - Soon: Amsterdam, The Netherlands, sponsored by NIKHEF
    - Intention to install more local nodes and possibly global nodes too
- Co-operation with OARC for data analysis

BIND Forum

BIND Forum

- Membership growing
- Need more members to ensure stable support for BIND continued development without need for special projects
- Looking for more members, organisations who use BIND and care about having a standards compliant reference implementation
- Several Asia Pacific members: JPRS, JPNIC
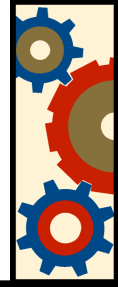
BIND Forum
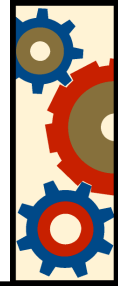
- Second member meeting at IETF 60, San Diego

- Full room and good debate.
  - Presented work on BIND 9.3
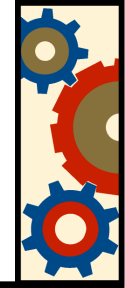 - Plans for BIND 9.4: Members can influence what goes into BIND 9.4 directly.

BIND Forum

- Working on facilitating channels for increased membership input
  - Feature priority
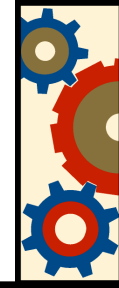 - Operational features
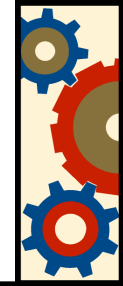 - Planning for BIND 9.4

BIND

BIND

- New releases
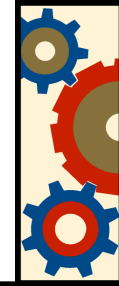 - BIND 9.3.0
  - BIND 9.2.4
  - BIND 8.4.5

What does this mean?

- BIND 8 is end of life. Only critical updates in the future

- BIND 9.2.x is end of life. Support will stop in around 6 months time

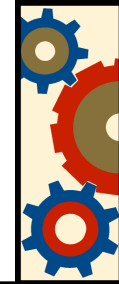- BIND 9.3 is the new live tree being worked on

BIND 9.3 new features

- DNSSEC bis (server + resolver)
- IPv6 extended support (eg configuration)
  - preferred-glue, dual-stacked-servers,*source-v6, specification of IPv6 addresses to listen-on
- Stricter enforcement of max-cache-size
- support for identification of servers (server.id)
- rrset-order
- view selection based on TSIG key presented
- ixfr-from-differences and max-journal-size

Questions?