



APNIC reverse DNS management roadmap

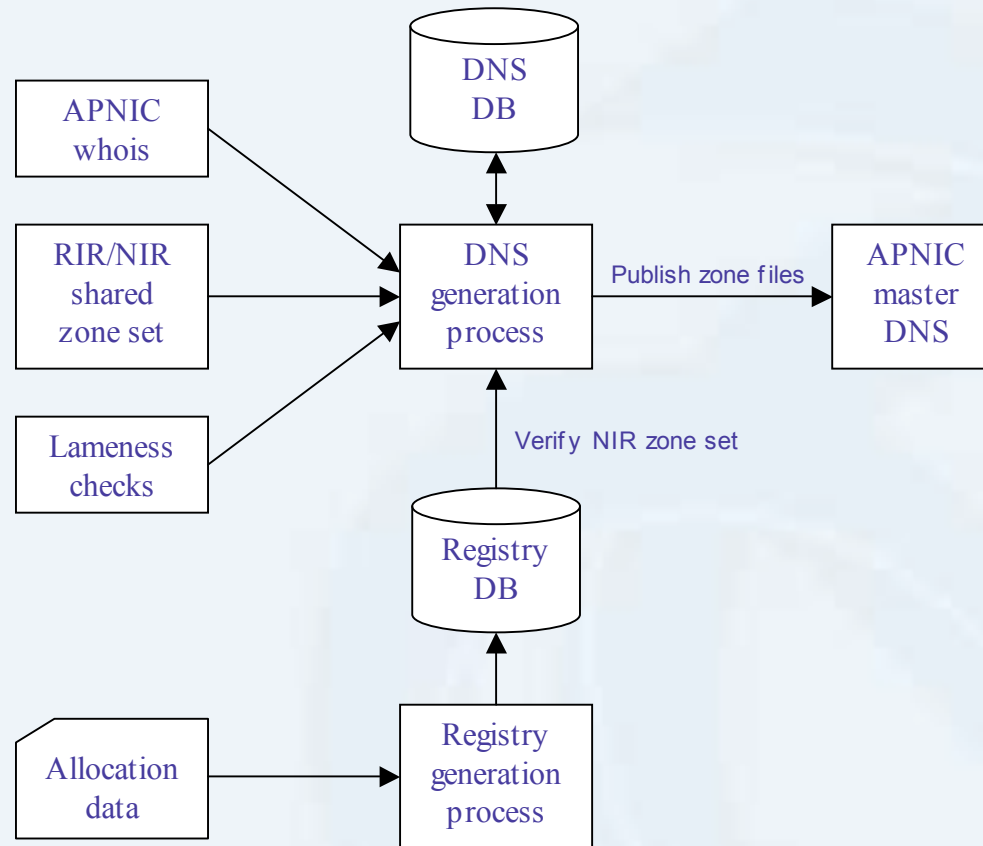
DNS operations SIG, APNIC 21
2 March 2006



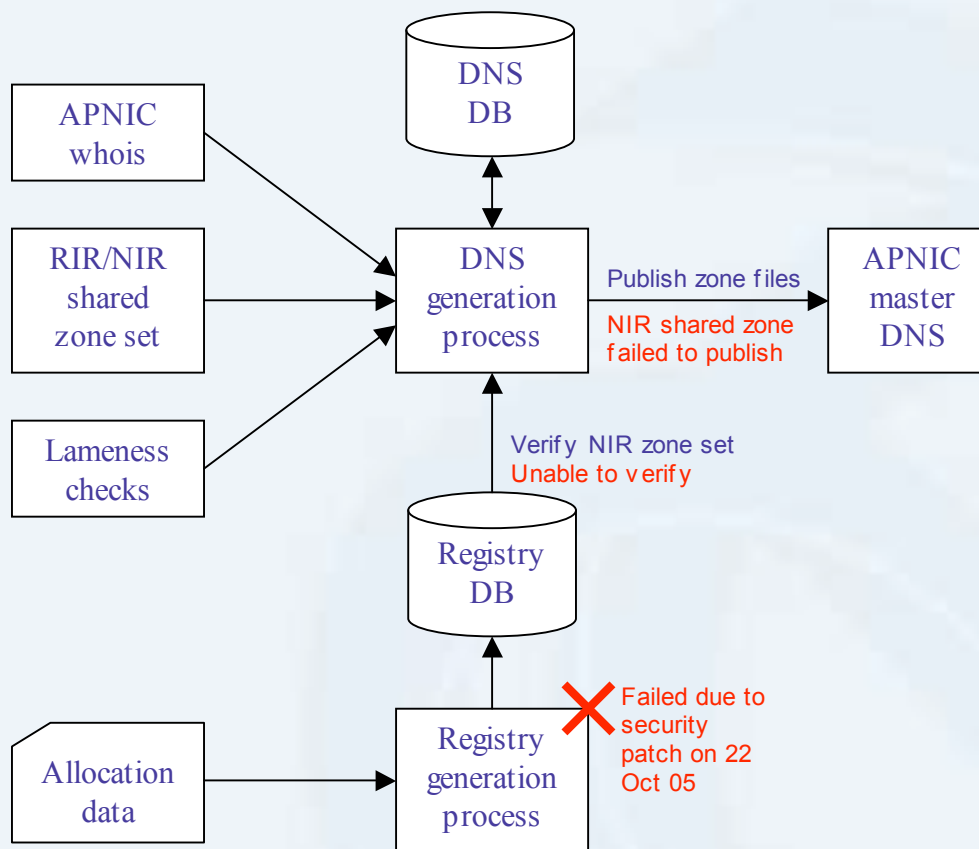
Overview

- Current system
- Potential problems and issues
- New system
- Benefits to community
- Transition
- Schedule
- Discussion

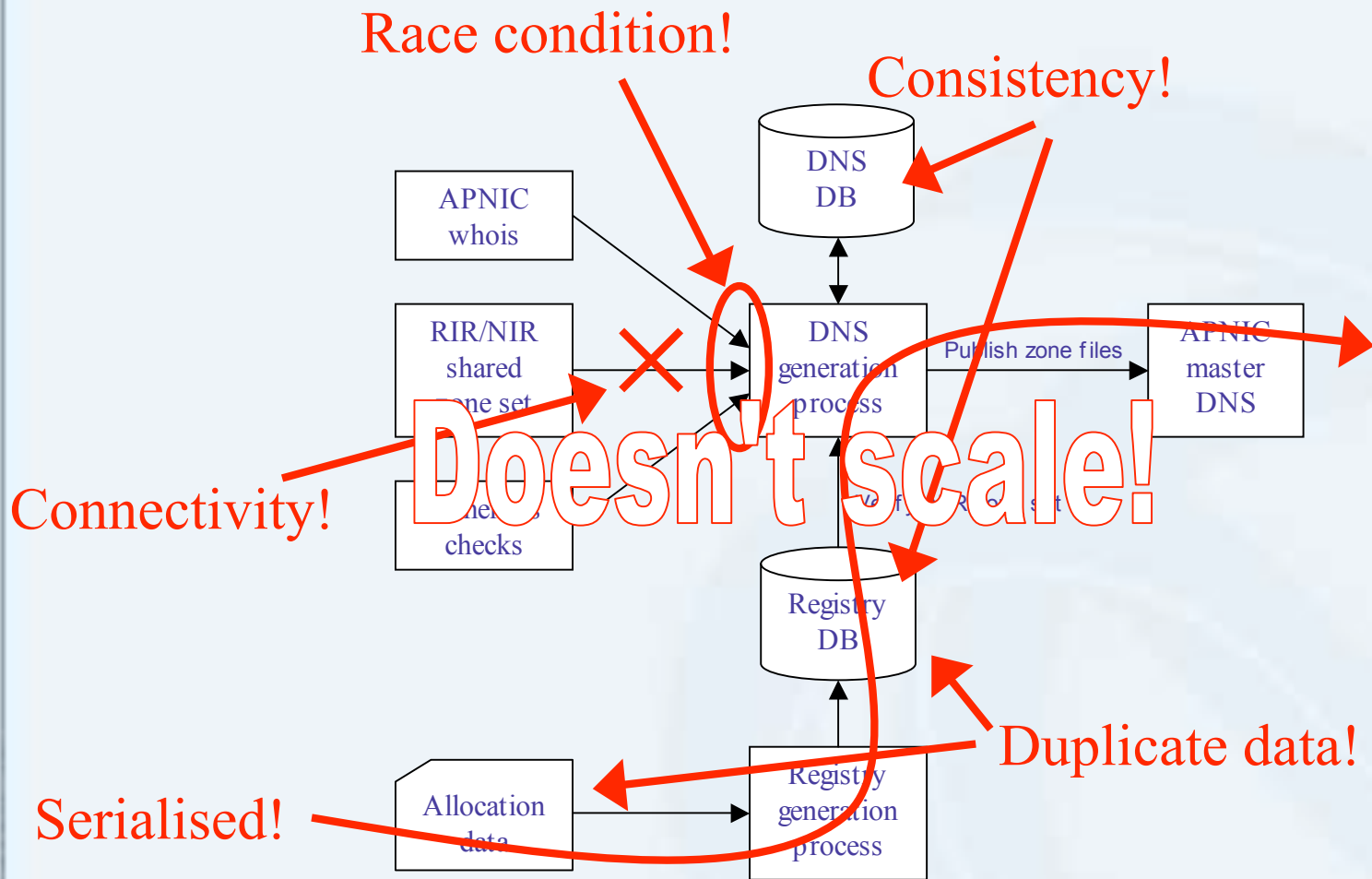
Current system



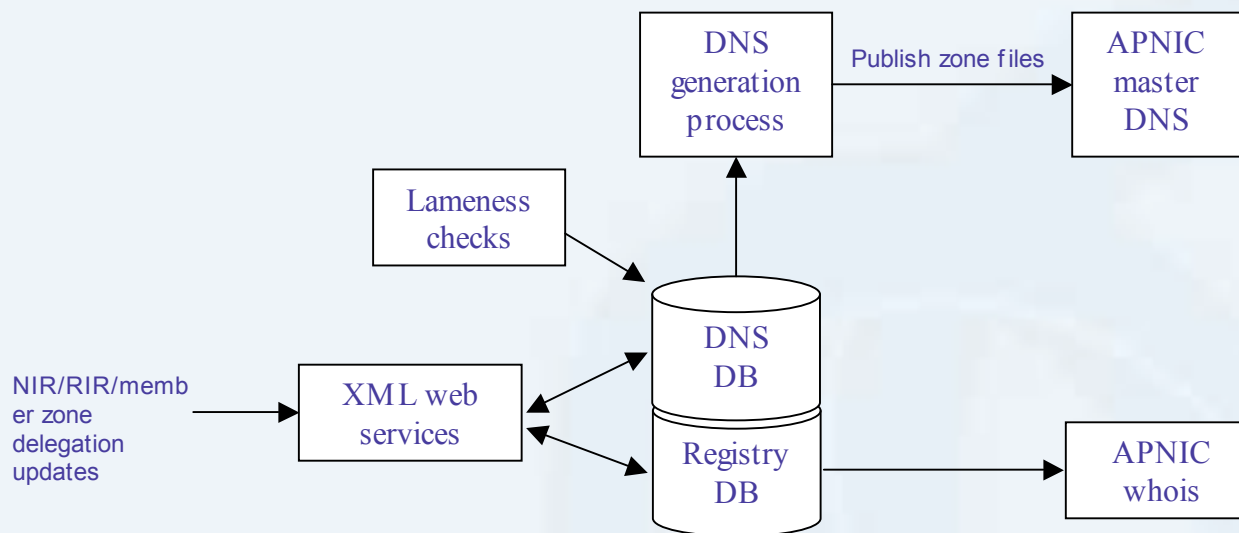
Problems & issues



Other possible issues!



New system





Benefits to community

- Stable generation of DNS
 - Generation independent of update
 - Last known (good) data always used
- Secure consistent update mechanism
 - Certificate based access controls
 - Encrypted transaction
- Scalable and extensible
 - One zone or 000's of zones
 - Future support for DNS developments



Transition

- NIR
 - Gather NIR feedback
 - Progress prototype to production
 - Convert NIR to using XML/web, assist the NIRs where necessary for integration to their registry systems
- Member
 - Adjust tools for member use
 - Communicate a cutover date
 - Make tools available
 - Migrate 'email' update members to tools
 - MyAPNIC
 - XML client
 - WHOIS becomes read-only for DNS



Schedule

- Pending work assessment
- To be announced by APNIC 22



Discussion

- Questions?