Apache Users: Want to do

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Paul Vixie and David Conrad on BINDv9 and Internet Security

The requirements we've heard so far are support for Microsoft's GSS-TSIG (a not-yet-standard private key transaction protocol that Microsoft is using in Win2K), support for multi-lingualization of the DNS, and support for building/running BIND version 9 without pthreads. There are still a couple of areas where we're deficient in support of standards, e.g., we don't support using DNSSEC with wildcards and a BIND version 9.0.0 slave does not forward dynamic updates to the master as it should according to the RFCs. Our intent is to fully implement the standards (and/or help revise the standards to make them more useful to

Another area that we know needs some work is in the resolver. Due to the requirements of DNSSEC and A6 support, we chose to create a "lightweight resolver daemon" with get*by*() routines which call this resolver daemon (similar in concept to Sun's "ncsd"). However there are a few areas that this can be improved and

that is computed for a data object by means that protect against active attacks that would attempt to change the checksum to make it match changes made ...

I can't speak to earlier versions of BIND (I wasn't involved in their design), but security was among the core requirements of the BIND version 9 project.

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