

Misc infrastructure - Feature # 47: DNSSEC validation support for BitFolk resolvers

Status:	Closed	Priority:	Normal
Author:	admin	Category:	
Created:	2010-11-08	Assigned to:	
Updated:	2013-10-14	Due date:	
Subject:	DNSSEC validation support for BitFolk resolvers		
Description:	<p>BitFolk currently operates two customer-facing resolvers, which every customer VPS typically has set in /etc/resolv.conf. One of the resolvers is BIND 9, the other is Unbound running with the validator module disabled. Therefore neither is validating DNSSEC at present.</p> <p>I would probably like to change the BIND 9 resolver to Unbound first, which will require a bit of work, but after that it should be trivial to enable the validator module. This would result in DNS queries that fail validation returning SERVFAIL instead of an answer.</p> <p>http://en.wikipedia.org/wiki/DNSSEC</p>		

History

2012-01-06 15:20 - admin

The BIND/Unbound resolvers have been replaced with a cluster of Unbound resolvers, so validation can be turned on whenever. We will announce a turn-on date in February 2012.

2012-03-02 09:53 - halleck

Status?

2012-03-10 15:21 - admin

Oops, February came and went. The only thing preventing us turning on validation is that I still don't feel comfortable in working out the causes of validation failures. At home I run unbound in validation mode and in the last two months I've seen failures for nasa.gov and pool.ntp.org that I was unable to explain, although admittedly I didn't spend a lot of time on it. So I'm afraid this is blocked on me learning more about DNSSEC.

Of course there is nothing stopping you running a validating resolver on your own VPS. All you miss is the cache of other customers' lookups.

2013-10-14 04:26 - admin

- Status changed from New to Closed

Validating resolvers have been in use for some time now.