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SOA record 3

TuxSoftware

On the old machine, named runs as nobody. On the new machine, it installed wanting to run as bind. We can accept this change.

The pid-file has moved - we can accept this change.

bind9 runs, and tries to send notifies.

dig returns the right ip address (ie, the address of the real tux)

Seems good enough.

SOA record

field	example	normally	prep for change
serial number	2003080800	2005070201	2007051700
refresh	2 d - 172800	3 h - 10800	10 m - 600
update retry	15 m - 900	1 h - 3600	5 m - 300
expiry	2 w - 1209600	1 w - 604800	1 w - 604800
minimum	1 h - 3600	1 h - 3600	10 m - 600

See <http://www.ripe.net/ripe/maillists/archives/dns-wg/1998/msg00070.html> for info on these values.

- refresh:

Secondaries check every <refresh> seconds, whether the SOA on the primary has changed. If yes, a zone transfer is done.

- retry:

A secondary having been unable to do a zone transfer because of unreachable of the primary retries every <retry> seconds.

- expire:

The zone's information is considered invalid by the secondary if the primary could not be reached for <expire> seconds.

- minimum TTL:

This is the default value for all records in the zone file which can be overridden by values for the individual records. After <minimum TTL> seconds, the zone information on the caching nameserver becomes invalid and has to be re-fetched from an authoritative server. NOTE: This field was intended to be a minimum value for all records in the zone but is now widely implemented as giving the default.

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