

Re: Migrating to new ISP

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<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2008-04/msg00013.html>

- *From:* "Paulo Faustino" <paulofaustino@xxxxxxx>
 - *Date:* Thu, 10 Apr 2008 17:55:39 +0100
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"Herb Martin" <news@xxxxxxxxxxxxxxxx> wrote in message
news:OhB0mKmmIHA.5024@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Paulo Faustino" <paulofaustino@xxxxxxx> wrote in message
news:AE2B307E-15C4-4E68-BDC2-3057A868313E@xxxxxxxxxxxxxxxxxxxx

"Herb Martin" <news@xxxxxxxxxxxxxxxx> wrote in message
news:%23fSfRkgmIHA.5260@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Barry" <bazagee@xxxxxxxxxxx> wrote in message
[news:OTK9\\$1bmIHA.6064@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OTK9$1bmIHA.6064@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi all,

I'm looking for advice on moving to a new
ISP in a smooth manner with little or no
down time to our public websites, MX etc.

Change the TTL to something small at LEAST one full TTL
period ahead of the
change.

E.g., if you TTL is 1 day, then at least a day ahead, change it
to 5 minutes or
some such.

My concern is how to do this with Win2k
DNS services. I will have new IP's mapped
to the Nics of our servers in advance and
have contacted our Domain registrant to see
if we can add multiple ip's to our nameserver
records. I was hoping to be able to propagate

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downstream routers before the physical changeover. We have two public facing DNS server, Primary and Secondary zones.

Can this be done or what is the better way of approaching this?

TIA

TTL settings are the key and it doesn't matter if it is Windows DNS or some (unknown) ISP/Registrar DNS server (e.g., BIND).

BTW, most companies should NOT be running their own public DNS but should be using the REGISTRAR provided DNS Servers so you might wish to consider this before performing this move and just use that instead.

Why you advice so strongly for most of the companies to do not run their own dns services?

Because the DNS for the PUBLIC resolution should be completely separate from the private, there is a business rule (not really enforced) that public DNS must be at least two machines (and a lot of these people don't even have one that is separate), and because it is just something else that might be compromised or use up cycles on a web server etc.

The Registrars already provide a fault tolerant, battery backed up, 24/7 supported DNS service in almost all cases (for free), and a nice GUI-Web interface for you to manage it yourself.

The exceptions are (possibly) those companies who have a large Internet presence, with many Internet facing records and/or frequent changes, plus their own dedicated staff who manage little or nothing else.

Also, the issue that many ISP will DISALLOW your public DNS server(s) from doing recursion which effectively enforces the strong suggestion that the internal and external DNS servers should be separate machines.

It is really a no brainer. Let the registrar do it (not the ISP either in almost all cases.)

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Good point, although i guess alot prefer to run the domains on their servers for speed and utmost control. And in some cases GUI-Web interface that is made available do not cover all your needs.