

Re: AD-Integrated DNS – Root Hints, Forwarders, Confused!

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-08/msg00210.html>

- *From:* "Tony Scarola" <[tony\[remove_this_spamblock\]@scarolas.com](mailto:tony[remove_this_spamblock]@scarolas.com)>
 - *Date:* Sat, 5 Aug 2006 23:08:49 -0400
-

Jorge,

What is wrong?

"Jorge Silva" <jorgesilva_pt@xxxxxxxxxxxx> wrote in message
news:eJntkD%23tGHA.2260@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi
wrong...

—

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Tony" <someone@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:%233rWvwtGHA.2088@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thank you. I will need to configure forwarders at all the branches to go to the two HQ DNS servers and remove the root hints from the branch DNS settings. Thanks again.

"Anthony" <anthony.spam@xxxxxxxxxxxxxxxx> wrote in message
news:%23fgPRrwtGHA.1888@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Root hints are simply a default list of external dns servers. In other words, if you forget to configure anything, your DNS server will still resolve external names. Root hints should be replaced by your intended forwarders. There is a technique for removing the root hints, but as long as you configure a forwarder I don't think you really

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need to
bother.

If your administrators want only to allow the two central
DC's to
forward externally, then you should configure your branch
DC's to
forward to the two central ones. The root hints will be
redundant. This
is good because it also allows the central DCs to host other
DNS zones
without having to copy them out to all the branches.
Anthony

"Tony" <someone@xxxxxxxxxxxxxxxxxxxxxx> wrote in
message
news:uS4W7dwtGHA.1536@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello everybody.

I am a little confused about AD–integrated
DNS and root hints, &
forwarders and the best configuration for our
environment.

The Internet firewall administrators want to
restrict outbound access
for DNS (TCP/UDP port 53) down to the
two root domain controllers at HQ
only – in other words, they only want the
two root domain controllers
at HQ to be allowed to talk to any servers in
the world regarding DNS –
no other servers.

Here is our current setup:

- Two W2K3 root domain controllers
running AD–integrated DNS located at
HQ
- These two root DCs DNS are configured
with four forwarders (to the
local ISP DNS servers) and the default root
hints
- Eighteen branch offices each with single
W2K3 DC with AD–integrated
DNS
- The branch office DCs DNS is configured
with default root hints
only – no forwarders
- The workstations at HQ point to both local

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DCs for all DNS resolution

– The workstations at branch offices point to
a) local DC and b) one HQ

DC for DNS resolution

So, I believe we have the two root DC DNSs
configured properly with

both forwarders and root hints. However, I'm
confused about the DNS
configuration settings of the branch DCs.

Will I need to setup

forwarders on them to point back to the two
root DCs DNS servers at HQ?

Will I also need to remove the default root
hint settings? Should I do
anything else?

Thank you in advance.

Tony