

Re: Multicast DNS and the ".local" domain

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2005-03/0744.html

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On 2005-02-28 19:20:59 -0500, "BOT House" <bothouse@insight.rr.com> said:

> Refer to...

>

> <http://files.multicastdns.org/draft-cheshire-dnsext-multicastdns.txt>

>

> "3. ... Any DNS query for a name ending with '.local.' MUST be sent to the
> mDNS multicast address (224.0.0.251 or its IPv6 equivalent FF02::FB).

>

> "3.2 ... Operators setting up private internal networks ('intranets') are
> advised that their lives may be easier if they avoid using the suffix
> '.local.' in names in their private internal DNS server."

>

> and...

>

> <http://support.microsoft.com/default.aspx?scid=kb;en-us:836413>

>

> "MORE INFORMATION When you plan your network, avoid assigning your domain a
> name that uses the .local extension."

>

> DOH!

>

> Jeez... what happened here? MS has been pushing ".local" for AD for years.

> AT LEAST half a decade.

>

> Is this a flip-flop or a "major policy reversal"?

>

> Granted, this is just a draft proposal (it hasn't made it to the IETF yet),

> but does anyone know if this is going to take off? Are those of us who

> called their AD domains "whatever.local" going to be SCREWED in a few years?

>

> I stumbled into this because after I upgraded a Debian Linux system, I had a

> process called "mDNSResponder" running. Turns out it's in every bleeding

> edge Linux distro out there.

>

> FWIW, MS has a competing draft proposal called Link Local Multicast Name

> Resolution (LLMNR).

microsoft.public.windows.server.active_directory: Re: Multicast DNS and the ".local" domain

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> *On or off-list comments are welcome.*

I haven't yet worked with the mDNSResponder on various Linux systems (just installed FC3 a few days ago on a spare laptop), but there are workarounds for those of you that need to support mDNS in environments with a .local TLD.

See <<http://www.macosxhints.com/article.php?story=20040806232315819>> for a workaround for Mac OS X. This workaround may also work for other mDNSResponder implementations.

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Scott Lowe