

## Re: Does Microsoft DNS support GSLB?

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-05/msg00103.html>

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  - *Date:* 5 May 2006 20:46:43 -0700
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Hi Kevin, thanks for the reply.

I have been told by the infrastructure team (I am a developer) that subnet proximity of the client and host is not a reliable indicator of physical proximity. Prior usages of this assumption resulted in clients in certain branch offices being redirected to a completely different office, not to their "local" server. They admit the network was not planned out well at the start, now they are living with it.

Hence for other requirements like this, they have begun to use and maintain a Sites & Services based list of subnets at each Site, and have encouraged me to design my solution around Sites & Services, since this is their reliable and always maintained "lookup table" of which client IP subnet ranges are found in which physical locations. They suggest I then add my web site as a custom defined Service (e.g. `_intranet._tcp`) in each Site. The idea would be that a logical scan of all subnets in the Sites list would identify which Site the client is at, and then the client should be directed to the host defined as hosting the `_intranet._tcp` service at that site.

So is there any way for DNS to leverage the correct "physical proximity" knowledge embedded in AD Sites & Services? I could write a custom ISAPI filter that runs on all web servers that redirects clients to the right host, but then they are jumping across the WAN just to be redirected back to a local host. I would prefer to avoid this penalty if possible, which is why I am looking to DNS...

RBL

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