

Re: Client configuration for multiple DHCP scope

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 - *Date:* Thu, 13 Sep 2007 12:29:21 -0500
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"Will" <westes-usc@xxxxxxxxxxxxxxxx> wrote in message
news:eNqdnQaMeMBU9HXbnZ2dnUVZ_v6rnZ2d@xxxxxxxxxxxxxxxx

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In all the years I have been doing these group (around 6 or 7 years) I have seen hundreds of people saying they were using a Superscope,...out of those hundreds only one that I can [barely] remember was legitimately using it for the correct reason in the correct topology design.

Legitimate use for superscope would be two overlapping subnets on the same physical ethernet?

Yes.

It still requires a Router to route between the logical segments and both interfaces of the router would also be on the same "wire".

The Hosts would be "subnet agnostic" meaning the Hosts would not care what subnet they randomly "landed on" after getting their config from the DHCP Superscope.

If the Admin "cares" what subnet they land on, then he needs to stop using a Multi-Net and Superscopes.

Since VLANs have been invented the reason for a Multi-Net to exist has become almost non-existent. VLANs also [potentially] run over the same physical wire but the VLAN technology separates the physical "wire" into different "logical wires" so that the LAN behaves like a normal multiple subnet LAN and uses normal DHCP without Superscopes. A LAN Router is still required with VLANs but each interface is on a different "logical wire".

VLANs, for the most part, are the replacement for the old Multi-Net technology and the Superscope feature of DHCP could potentially be dropped as a feature in newer versions of DHCP and "life would go on".

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