

RE: Cannot add workstation to domain when negotiating ISL on Cisco routers.

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2004-08/0528.html

From: Robert Greene [MSFT] (a-robgre_at_online.microsoft.com)

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First, make sure that any End station ports are configured for Port Fast and NOT SPANNING TREE on the switches.

If this is correct, on the workstation at a command prompt type the following:

```
ping <Remote DC Name> -f -l 1492
```

it does not ping the more then likely your router is fragmenting packets. Kerberos Packets by default use UDP. You can keep lowering the -l parameter until you find where the pings start succeeding then use the following article to configure Kerberos Over TCP to be used after packets get so big:

244474 How to force Kerberos to use TCP instead of UDP

<http://support.microsoft.com/?id=244474>

Also Verify that the following Ports are allowed through the Router:

179442 How to Configure a Firewall for Domains and Trusts

<http://support.microsoft.com/?id=179442>

Best regards:

a-Robgre@online.microsoft.com

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