

SBS2k3 Server not responding to VPN Clients & Advice on SP2 Firewall configuration for VPN use

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Hi. We are using a Cisco PIX firewall and have remote workstations terminate on the PIX which is sitting in front of our internal network. The PIX VPN is working correctly and we are able to ping internal workstations and internal workstations can ping the external clients. Unfortunately the external clients are unable to contact the SBS2k3 server in any way, including pings. Our normal internal network range is 10.0.0.x 255.255.255.0, and when VPN clients connect into the network they are allocated 10.0.2.x 255.255.255.0 as recommended by Cisco, with the PIX handling the routing between. Since the external clients can contact all other internal systems apart from the Server, the only thing I can think of is that the server by default will only respond to clients on the same internal subnet? The server internal address is 10.0.0.10 255.255.255.0 and external 192.168.1.10 255.255.255.0.

Can anyone suggest what would cause the SBS2k3 server to ignore the VPN clients even though internal XP Workstations which are on the same subnet can see the VPN clients?

Along similar lines we are unsure if we will have a problem with the SP2 Firewall. Unfortunately we can't test this until we resolve why the VPN clients can't contact the server once connected. We are using the Cisco VPN client to connect to the PIX firewall which is working fine. When the remote user is connecting via VPN the firewall is operating in non-domain mode. When the VPN connection is present we are concerned although the system will be connected to the domain the firewall will continue to operate in non-domain and block access to the server.

Can anyone suggest whether this would be the case?

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Hth,
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