

Microsoft networking client and NLB conflict

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From: TIwang (*TIwang_at_discussions.microsoft.com*)

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Hi out there

I have a problem in a 6-server NLB based cluster with windows 2000 AS. They have all an "ap-net" interface which is used for connectivity to a database and a "intranet" interface which is running NLB (all with a common secondary ip which is the "big ip" for the NLB). I need SMB access to a fileshare on the intranet which only has the nlb & ip binded as protocols – the ap-net interface has a standard setup without nlb but with microsoft networking client, file & print-share & the ip-protocol.

I have access to a UNC path from 4 of the 6 servers – which are identical configured – but on the las two the session fails with "the networking path not found". If I enable the client for microsoft networking on that interface I am able to connect to the share.

If I look a trace from what happens from one the serveres which "works" and compare it with one which does not work I have a difference in that the serveres which works try to connect to the UNC path from the interface (the ap-net interface) where it has the protocol binded – even though the ip for the fileserver in question is on the same subnet as the interface we are running NLB on – but those which does not work doesnt try to establish a session at all from that interface.

Question: has anyone else seen a similiary problem and what could be done?? and – what will happen with netbios names and browsing if I try to solve my problem by enabling the microsoft networking client on the same interface which I am running NLB on ?

Regards /thomas iwang