

Fixing Replication Failures

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We are having occasional replication errors throughout our domain, but one of the sites in particular seems to be a problem. Hoping for some advice if this looks familiar to anyone.

If we get replication problems as indicated by repadmin /showrepl, rebooting the remote DC gets things going again, but is not a great solution and also it take a long time for the DC to come back up.

We have two local DCs both of which replicate with the remote DC. The replication has failed with the remote and both of these DCs, but not always at the same time (i.e. one works, one doesn't).

If I try to run a forced replication (repadmin /replicate...), I get the following:

DsReplicaSync() failed waith status 1727 (0x6bf).

(I got no hits searching for that code on google BTW)

Pinging between the DCs works, as does browsing. I also tried the port query tool on 135 and it works. The only other thing that seems to fail when this is replication error occurs is that I can't remote desktop to the remote DC from within our local LAN while this error is occurring. However I can remote to another server within the remote LAN and then remote from there to the DC.

The other point of interest in this is that if I run AD Sites and Service on the remote DC, its site shows that it is trying to replicate with every site in the company. If I correct that so it just replicates with the local DCs, later I can look at it again and its changed back.

Event viewer shows nothing of great value, really only errors that there was a problem (15308).

Thanks!

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