**Emergency AD restoration from adsnapshot**

**(This is only to be used if everything else fails. This is a very dangerous procedure)**

**Steps**

1. Disable your NIC so that the domain controller can not talk to the network

2. From command prompt run repadmin /showrepl - writdown the “DSA InvocationID”

3. Reboot and boot to Directory Services Restore Mode

4. Stop the NTFRS Service and or DFSR

5. Run Regedit go to

a. HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\NTDS\Parateters

b. Modify “Database restored from backup” = 1 (If it doesn’t exist create a Dword with value of 1)

c. Look for key “DSA Previous Restore Count” If it exists it should +1 after a reboot. If it doesn’t exist, create it and set it to 1

d. Go to HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\NTFRS\parameters\backup\restore\process change key burflages to D2

6) Reboot the server

7) Log back in to the Domain Controller

a. Verify that the Invocation Id has changed

b. In the Event Log look for the Event Id 1109 (AD restored from backup)

8) If both events have occurred then, enable the network card again