Remote Boot will not load with IWSP4 *(Last modified: 11NOV1998)*

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Symptom

The PK411.NLM that ships with the intraNetWare Support Pack version 4, includes the TSKZERFX.NLM. This patch prevents clients from illegally using task zero. Apparently RPL (remote program load) which is used for the remote booting of diskless workstations is using task zero. Therefore, this patch will "break" any customers who are using diskless workstations. They will fail when opening the NET$DOS.SYS boot image. This is a problem for Remote Boot stations as well. The error that you get is "RBOOT-RPL-104: Unable to open NET$DOS.SYS: RPL Halted"

The patch itself is fine! It is doing what it is designed to do. The problem really lies with the remote boot code. But until that issue is fixed, the workaround is to unload the patch.

The TSKZERFX.NLM patch addresses an issue where certain client/apps may roll over from 255 to task zero thus causing the "OpenFileSyncCheck" abend message. This issue is rare enough that I don't believe it will seriously impact most people to unload the patch.

Solution

One solution is to unload the TSKZERFX.NLM patch. This can be done by issuing "PMUNLOAD TSKZERFX" at the command line. The command should also be included in the STARTUP.NCF file immediately after the loading of PK411.NLM.

Another solution is to use the new *.RPL files available in RPLKT5.EXE that now use task ID 1 instead of 0 (zero). However, if you have a Non RPL Remote Boot prom with this issue, then the only solution is to unload the TSKZERFX.NLM patch.

If you have a non RPL boot prom and must have TSKZERFX.NLM loaded, then one solution would be to upgrade to the newer RPL boot prom's and get the new RPL fixes available in RPLKT5.EXE.

Search words: TSKZERFX.NLM TSKZERFX TSKZER iwsp4 iwsp4a iwsp4.exe iwsp4a.exe task zero fix

Document Title:	Remote Boot will not load with IWSP4
Document ID:	2930738
Document Revision:	10
Creation Date:	07OCT1997
Modified Date:	11NOV1998
Novell Product Class:	NetWare
Novell Product and Version:	NetWare 3.12

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