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## PowerBook: Re-Chooses AppleTalk Network ID After Sleep 10/92

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TOPIC -----

If I understand the AppleTalk protocol correctly, a CPU has a unique ID when it's connected to a network. A desktop Macintosh will assume that the network ID is the same even if it has been disconnected from the network (without reboot). This can of course cause a problem if the network ID has been assigned to another CPU in the meantime. Does this apply to the Macintosh PowerBook systems when they are put in sleep mode as well, or will the PowerBook ask if the old ID is still available when it wakes up?

Does the message displayed when I put it into sleep mode mean that I lose my network connections?

DISCUSSION -----

When a Macintosh PowerBook system goes into "sleep" mode, the following alert is displayed:

"Putting the computer to sleep may cause you to lose some network services. Check your connections in the Chooser next time you wake the Macintosh."

Actually, if the PowerBook is asleep for more than a minute or so, you will lose all of your AppleTalk connections.

If your PowerBook is put into sleep mode and another AppleTalk device acquires the PowerBook's AppleTalk node ID, the PowerBook will select another AppleTalk node ID.

We tested this with a PowerBook 170. First we determined what AppleTalk node ID the PowerBook 170 was using via Inter•Poll. We then put the PowerBook 170 into sleep mode. We connected a Macintosh SE to the same LocalTalk network and gave it the AppleTalk node ID the PowerBook 170 was using. We woke up the PowerBook 170, and it selected a new AppleTalk node ID.

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