

Re: [PATCH] x86: Document the hotplug code is incompatible with x86 irq handling

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- *From:* Robert Hancock <hancockr@xxxxxxxx>
 - *Date:* Thu, 31 May 2007 08:34:28 -0600
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Eric W. Biederman wrote:

I just realized that except for doing the code review and noticing that the current cpu hotplug code is fundamentally incompatible with x86 I haven't done anything about it. So here is my patch to document what is wrong.

The current cpu hotplug code requires irqs to be migrated from a cpu outside of irq context. On x86 ioapics simply do not support this, making the code unfixable without major redesign of the generic cpu hotplug code.

So this patch makes CPU_HOTPLUG on x86 depend on CONFIG_BROKEN and adds a WARN_ON so people that do enable it are not in doubt about which part of the code is broken, even if it does work for them.

Signed-off-by: Eric W. Biederman <ebiederm@xxxxxxxxxxxxxx>

I don't think this is useful, though the code may be problematic, this patch will break suspend on all SMP machines with an existing config, which is a major regression..

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