

## Re: [SLE] Can XP ICS support SuSe DHCP?

**Source:** <http://linux.derkeiler.com/Mailing-Lists/SuSE/2004-02/3739.html>

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**From:** Paul W. Abrahams ([abrahams\\_at\\_acm.org](mailto:abrahams_at_acm.org))

**Date:** 02/28/04

To: [suse-linux-e@suse.com](mailto:suse-linux-e@suse.com)

Date: Fri, 27 Feb 2004 22:09:29 -0500

On Friday 27 February 2004 9:56 pm, [gchris@bellsouth.net](mailto:gchris@bellsouth.net) wrote:

> *Örn Hansen wrote:*

> > *A router is a cheap box, that doesn't draw much electricity and is quite*

> > *stable. It's a cheap, but reliable solution. Your problem doesn't have*

> > *to*

> > *be, because MS has made it's own proprietary DHCP solution which isn't*

> > *interoperable with standard DHCP clients ... but the router thing, is a*

> > *good*

> > *solution none the less and is guaranteed to work.*

> >

> *You are absolutely correct from an engineering point of view. If this*

> *network was starting from scratch your approach is certainly the correct*

> *one. Unfortunately, this is a working, existing network where Linux is*

> *trying to become a player. The network works to M\$ defined standards*

> *(which admittedly are proprietary). The question is, can Linux work*

> *in this environment or must the network be redesigned to accommodate one*

> *Linux box? My thinking is that if Linux expects to take desktop business*

> *away from M\$ it had better be able to be a "drop in" replacement.*

>

> *I fully agree that a dedicated router is a far more reliable solution*

> *than anything based on a PC, whether it is running Linux or Windows.*

> *But the first question to be answered is "Will a Linux box work here?",*

> *not "How should the network be designed?".*

Seems that the choice between a dedicated \$50 router box and a computer that provides an ICS-style interface depends on the context.

Paul Abrahams

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