

**d.** Mass spam message. The first Received: "paragraph" is forged (remember to read this last-to-first). That is, it was inserted by the spammer's e-mail sending program into the headers, ahead of the first real hop. What to look for? The spammer set his mailing program to insert this faked line to correctly read the time to be one hour different and one time zone away from the real first hop, but forgot to change the date.

Received: from f05n09.cac.psu.edu (r02a08.cac.psu.edu [146.186.15.18])  
by seawolf.aset.psu.edu (8.9.3p2.1/8.9.3) with ESMTTP id QAA1437756  
for <abc123@e-mail.psu.edu>; Wed, 3 Dec 2003 16:40:49 -0500

Received: (from daemon@localhost  
by f05n09.cac.psu.edu (8.9.3p2.1/8.9.3) id QAA256286  
for abc123@e-mail.psu.edu; Wed, 3 Dec 2003 16:40:36 -0500

Received: from wiley-197-68346.roadrunner.nf.net (wiley-197-68346.roadrunner.nf.net [205.251.233.5])  
by f05n09.cac.psu.edu (8.9.3p2.1/8.9.3) with SMTP id QAA318728;  
Wed, 3 Dec 2003

**Received: from [69.33.16.227] by wiley-197-68346.roadrunner.nf.net with ESMTTPid  
00928511; Fri, 21 Nov 2003 15:39:09 -0600**

Message-ID: <6gf93\$i314w-\$dw3-\$4@2y97tg211>

X-PHV4.1@f05n09

From: "Joyce Xiong" <xpi06dy@yahoo.com>

Reply-To: "Joyce Xiong" <xpi06dy@yahoo.com>

To: abc123@psu.edu

Cc: <abc123@psu.edu>, <abc123@psu.edu>

Subject: Tramadol.l Xanax.x Vicodin.n Valium.m m

Date: Fri, 21 Nov 03 15:39:09 GMT

X-Mailer: QUALCOMM Windows Eudora Version 5.1

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="ED\_8\_.F\_75\_8"

X-Priority: 3

X-MSMail-Priority: Normal

Many Specials running this week

THE RE.AL THING

not like the other sites that

imitate these products.

No hidd.en char.ges - Fast Delivery

Vic.odin Val.ium Xan.ax

Via.gra Diaz.epam Alpra.zolam

So.ma Fior.icet Amb.ien

Stil.nox Ult.ram Zo.loft

Clon.azepam At.ivan Tr.amadol

Xeni.cal Cele.brex Vi.oxx

Pro.zac Bus.par Much M.ore....