

Three hops, within a spam e-mail, where the spammer attempted to generate confusion by inserting 3 bogus hops into the headers.

The first three hops are forgeries because the time stamps don't match, and the message was not passed to next machine properly. When a message from a hop is received by the next hop, the **by** must correlate with the domain name of the subsequent hop.

sparc.isl.net and its corresponding IP address should be reflected in the next Received: from line, but it is not. A similar situation exists in the second and third Received: from lines.

67.22.42.81 is a forged optional machine name; it does not correspond to the true IP address [**68.170.238.28**] .

Received: from f05n11.cac.psu.edu (r02a07.cac.psu.edu [146.186.15.17])
by seawolf.aset.psu.edu (8.9.3p2.1/8.9.3) with ESMTP id LAA1138928
for <abc123@e-mail.psu.edu>; Tue, 2 Dec 2003 11:15:17 -0500

Received: (from daemon@localhost)
by f05n11.cac.psu.edu (8.9.3p2.1/8.9.3) id LAA126680
for abc123@e-mail.psu.edu; Tue, 2 Dec 2003 11:15:15 -0500

Received: from **67.22.42.81** (fl-westboca-u3-c3c-28.atlsfl.adelphia.net [**68.170.238.28**])
by f05n11.cac.psu.edu (8.9.3p2.1/8.9.3) with SMTP id LAA275008
for <abc123@psu.edu>; Tue, 2 Dec 2003 11:15:07 -0500

Message-Id: <200312021615.LAA275008@f05n11.cac.psu.edu>

Received: from [204.80.13.95] by asy100.as122.sol.superonline.com with smtp; Dec, 02 2003 7:57:51 AM -0800

Received: from 167.90.49.93 ([167.90.49.93]) by mailout2-eri1.midsouth.rr.com with esmtp; Dec, 02 2003 6:46:42 AM +1100

Received: from 177.139.227.166 ([177.139.227.166]) by sparc.isl.net with QMQP; Dec, 02 2003 6:02:44 AM +1200

X-PH: V4.1@f05n11

From: bsuC:"\messages\names_a.txt" <geogoston@cs.elte.hu>

To: abc123@psu.edu

Cc:

Subject: Hot OTC Gold: (UDVE) Target Price .43

Sender: bsuC:"\messages\names_a.txt" <geogoston@cs.elte.hu>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Date: Tue, 2 Dec 2003 08:13:11 -0800

X-Mailer: Microsoft Outlook Express 6.00.2600.0000

Mining Stock News achieved record results for our Investment Alerts in November as Gold reached its highest levels for the year.

MINING STOCKS ARE EXPLODING!

Precious metals are making new highs and holding their gains.

Gold mining stocks are the hot flyers of the OTC.

Historical cycles show that a strong rally in gold ignites the major producers which is followed by soaring undervalued OTC gold plays.

Results for our November Investment Alerts:

Apolo Gold (APLL) +411% (.09 to .46)

World Ventures (WVNTF) +321% (.19 to .80)

Mining Stock News Investment Alert for December:
United Development International (UDVE)