

QmailSpfPatch

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1. It uses a 1000-byte buffer, but there is no bounds-checking in the code that uses that, because it copy another 1000-byte buffer of qmail, That buffer is trusted, I think..
2. I only test it on my anti-spam gateway, It seems work well but if you use it, you should test it carefully.
3. If you find some error or has another good idea, please let me know, thank you. 😊

```
diff -rua qmail-1.03.orig/qmail-qmqpd.c qmail-1.03/qmail-qmqpd.c
--- qmail-1.03.orig/qmail-qmqpd.c      1998-06-15 18:53:16.000000000 +0800
+++ qmail-1.03/qmail-qmqpd.c      2004-06-06 05:21:02.000000000 +0800
@@ -53,6 +53,8 @@
 }
}

+char envelope_from[1000];
+
+void getcomma()
+{
+    char ch;
@@ -78,7 +80,7 @@
+    if (!local) local = env_get("TCPLOCALIP");
+    if (!local) local = "unknown";

-    received(&qq,"QMQP",local,remoteip,remotehost,remoteinfo,(char *) 0);
+    received(&qq,"QMQP",local,remoteip,remotehost,remoteinfo,(char *) 0,envelope_from);
}

char buf[1000];
@@ -132,9 +134,11 @@
}
getcomma();

-    if (getbuf())
+    envelope_from[0]=0;
+    if (getbuf()){
+        qmail_from(&qq,buf);
-    else {
+    } else {
+        str_copy(envelope_from,buf);
+    } else {
+        qmail_from(&qq,"");
+        qmail_fail(&qq);
+        flagok = 0;
diff -rua qmail-1.03.orig/qmail-smtpd.c qmail-1.03/qmail-smtpd.c
--- qmail-1.03.orig/qmail-smtpd.c      1998-06-15 18:53:16.000000000 +0800
+++ qmail-1.03/qmail-smtpd.c      2004-06-06 04:21:41.000000000 +0800
@@ -378,7 +378,7 @@
@@ -378,7 +378,7 @@
qp = qmail_qp(&qqt);
out("354 go ahead\r\n");

-    received(&qqt,"SMTP",local,remoteip,remotehost,remoteinfo,fakehelo);
+    received(&qqt,"SMTP",local,remoteip,remotehost,remoteinfo,fakehelo,mailfrom.s);
+    blast(&hops);
+    hops = (hops >= MAXHOPS);
+    if (hops) qmail_fail(&qqt);
diff -rua qmail-1.03.orig/received.c qmail-1.03/received.c
--- qmail-1.03.orig/received.c 1998-06-15 18:53:16.000000000 +0800
+++ qmail-1.03/received.c      2004-06-06 05:14:39.000000000 +0800
@@ -37,7 +37,7 @@
/* "Received: from relay1.uu.net (HELO uunet.uu.net) (7@192.48.96.5)\n" */
/* "  by silverton.berkeley.edu with SMTP; 26 Sep 1995 04:46:54 -0000\n" */

-void received(qqt,protocol,local,remoteip,remotehost,remoteinfo,helo)
+void received(qqt,protocol,local,remoteip,remotehost,remoteinfo,helo,envelope_from)
struct qmail *qqt;
char *protocol;
char *local;
@@ -45,6 +45,7 @@
char *remotehost;
```

```
char *remoteinfo;
char *helo;
+char *envelope_from;
{
    struct datetime dt;

@@ -63,6 +64,9 @@
    safeput(qqt,remoteip);
    qmail_puts(qqt,")\n  by ");
    safeput(qqt,local);
+  qmail_puts(qqt," (envelope-from ");
+  safeput(qqt,envelope_from);
+  qmail_puts(qqt,")\n\t");
    qmail_puts(qqt," with ");
    qmail_puts(qqt,protocol);
    qmail_puts(qqt,"; ");
```