

## Re: Help configuring VMS mail with Dynaccess.com

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*Source:* <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2007-02/msg00438.html>

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- *From:* [mcbill20@xxxxxxxxxx](mailto:mcbill20@xxxxxxxxxx)
  - *Date:* 7 Feb 2007 18:31:27 -0800
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On Feb 6, 1:11 am, hel...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx (Phillip Helbig---  
remove CLOTHES to reply) wrote:

What is probably happening is that your dynamic DNS address is being rejected by mail servers somewhere down the line. I had the same problem when I set up email at home. However, I CAN send outgoing mail with the standard TCPIP software. I avoid the "we reject mail from volatile addresses" problem by sending it through an SMTP relay server provided by my dynamic-DNS provider, <http://www.dynaccess.com/>. (They offer more services than DYNDNS.COM for less money. The pricing structure is different (packages with more and more features, rather than buying things à la carte), but for me works out to about half what I would pay for similar features at DYNDNS.COM (and includes some features DYNDNS.COM doesn't offer). I highly recommend them. If you switch, you could just set the alternate gateway to their SMTP relay server and you're in business. The important thing: no SMTP authentication is needed; it is based on the IP address, which the dynamic-DNS provider knows anyway, of course. It is not a pay-per-message system, but rather a reasonable number of messages is included in the flat rate.) (I also have email addresses with DYNDNS.COM, so I am familiar with them too.)

I \_am\_ using dynaccess to send SMTP but that is what is not working the way I have it configured.  
In my SMTP config I have dynaccess.com specified as my alternate gateway. Is that correct?

Wait---do you mean dyndns.com or dynaccess.com? They are two separate companies.

I was using dyndns.com before. With them I was able to receive SMTP but I could only send by using a C program I wrote that would connect

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to an SMTP server that required authentication at my ISP. I am now using dynaccess.com based on recommendations in posts in COV.

I think the error message is wrong. I think this error occurs when your alternate gateway doesn't work.

I agree but I am not sure what I am doing wrong in my configuration.

There are several issues here. First, again, you are now talking about <http://www.dynaccess.com>, not <http://www.dynds.org/>, right? Second, the address 192.168.1.1 is not routable; you need a NAT or PAT router or something similar to connect to the outside world. Third, you need an alternate gateway.

I know that address is not routable. That is the address of my alpha. It is connected to a NAT router on a DSL line. The alternate gateway is set to "dynaccess.com".

I have been a satisfied dynaccess.com customer for many, many years. All my email is done with VMS MAIL from my cluster at home, which receives email directly and sends it via the SMTP relay server at dynaccess.com. What is the output of the following TCPIP commands?

```
SHOW NAME
SHOW CONFIGURATION NAME
SHOW HOST/LOCAL
SHOW CONFIGURATION SMTP
SHOW ROUTE
SHOW ROUTE/PERMANENT
SHOW CONFIGURATION INTERFACE/FULL
SHOW INTERFACE/FULL
```

```
TCPIP> show name
```

```
BIND Resolver Parameters
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```
Local domain: batcave.dynaccess.com
```

```
System
```

```
State: Started, Enabled
```

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Transport: TCP  
Domain: BATCAVE.DYNACCESS.COM  
Retry: 4  
Timeout: 4  
Servers: dns1, dns2  
Path: No values defined

Process

State: Enabled

Transport:  
Domain:  
Retry:  
Timeout:  
Servers:  
Path:  
TCPIP> show config name

BIND Resolver Configuration

Transport: TCP  
Domain: BATCAVE.DYNACCESS.COM  
Retry: 4  
Timeout: 4  
Servers: 205.171.3.65, 205.171.2.65  
Path: No values defined  
TCPIP> show host/local

LOCAL database

Host address Host name

127.0.0.1 LOCALHOST, localhost  
192.168.1.1 Linksys  
192.168.1.2 batcave  
205.171.3.65 dns1, DNS1  
205.171.2.65 dns2, DNS2  
192.168.1.6 ds6, DS6  
192.168.1.3 hyde, HYDE  
64.58.4.38 pop3.mho.com, POP3.MHO.COM  
192.168.1.4 scooby, SCOOBY  
192.168.1.5 scrappy, SCRAPPY  
66.252.192.11 secure.wcox.com

\*\*\* Note: I have tried both "batcave" alone, as well as the fully qualified name for the 192.168.1.2 local host entry.

TCPIP> show config smtp

SMTP Configuration

Options

Initial interval: 0 00:30:00.00 Address\_max: 16  
NOEIGHT\_BIT  
Retry interval: 0 01:00:00.00 Hop\_count\_max: 16  
NORELAY  
Maximum interval: 3 00:00:00.00  
HEADERS

Timeout Initial Mail Receipt Data

Terminate  
Send: 5 5 5 3  
10  
Receive: 5

Alternate gateway: DYNACCESS.COM  
General gateway: not defined

Substitute domain: BATCAVE.DYNACCESS.COM  
Zone: not defined

Postmaster: TCPIP\$SMTP  
Log file: SYS\$SPECIFIC:[TCPIP\$SMTP]TCPIP\$SMTP\_LOGFILE.LOG

Generic queue Queues Participating nodes

TCPIP\$SMTP\_SHAGGY\_00 1 SHAGGY  
TCPIP> show route

DYNAMIC

Type Destination Gateway

AN 0.0.0.0 192.168.1.1  
AH 127.0.0.1 127.0.0.1  
AN 192.168.1.0/24 192.168.1.2  
AH 192.168.1.2 192.168.1.2  
TCPIP> show route/perm

PERMANENT

Type Destination Gateway

PN 0.0.0.0 192.168.1.1  
TCPIP> show config interface/full

Interface: LO0  
IP\_Addr: 127.0.0.1 NETWRK: 255.0.0.0 BRDCST:  
C\_Addr: C\_NETWRK: C\_BRDCST:

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Flags:  
Receive buffer: 0

Interface: WE1  
IP\_Addr: 192.168.0.250 NETWRK: 255.255.255.0 BRDCST:  
192.168.0.255  
C\_Addr: C\_NETWRK: C\_BRDCST:

Flags:  
Receive buffer: 0

Interface: WE0  
IP\_Addr: 192.168.1.2 NETWRK: 255.255.255.0 BRDCST:  
192.168.1.255  
C\_Addr: C\_NETWRK: C\_BRDCST:

Flags:  
Receive buffer: 0  
TCPIP> show interface/full  
Interface: LO0  
IP\_Addr: 127.0.0.1 NETWRK: 255.0.0.0 BRDCST:  
MTU: 4096  
Flags: UP LOOP NOARP MCAST SMPX  
RECEIVE SEND  
Packets 84 84  
Errors 0 0  
Collisions: 0

Interface: WE0  
IP\_Addr: 192.168.1.2 NETWRK: 255.255.255.0 BRDCST:  
192.168.1.255  
Cluster  
C\_Addr: 192.168.1.2 C\_NETWRK: 255.255.255.0 C\_BRDCST:  
192.168.1.255  
Ethernet\_Addr: AA-00-04-00-8C-28 MTU: 1500  
Flags: UP BRDCST RUN MCAST SMPX  
RECEIVE SEND  
Packets 1825 2119  
Errors 0 0  
Collisions: 0

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