The top portion covers bounce back messages.
- The x.x.x Codes
- The xxx Codes
- Examples of real Error messages with an explaination.

(the email client errors coming in the future) The 2nd half covers email connection failure messages when using an email client.

Many people get a failed email message and just know that the mail didn't go through.
This message is called a **bounceback**
What does that message really mean?
The failed email notice tells you **what is wrong and why** the email failed
This way you can determine if it is your email or the one you are sending to.

Email Error Codes have 3 Digits

If the 1st digit is a...
(The 1st digit indicates if the response was good, bad, or incomplete)

1	The Command was accepted, but the action is pending confirmation of a reply
2	The action was completed successfully
3	The command was accepted, but the action is pending receipt of further information.
4	The command was not accepted and the requested action did not occur. These are usually because of a temporary error or condition and one should try resending the request again.
5	The command was not accepted and the requested action did not occur. This is a permanent failure message. Something needs to be fixed before the action will work.

If the 2nd digit is a....

0	Syntax	Usually refers to a syntax error occurring.
1	Information	Reply to a request for information
2	Connections	Refers to the channel transmitting
3 and 4	These are undefined still	
5	Indicate the status of the receiver's mail system	

There are 2 sets of codes xxx and x.x.x

x.1.x Codes			
X.1.0	Other address status	X.1.1	Bad destination mailbox address
X.1.2	Bad destination system address	X.1.3	Bad destination mailbox address syntax

X.1.4	Destination mailbox address ambiguous	X.1.5	Destination mailbox address valid
X.1.6	Mailbox has moved	X.1.7	Bad sender's mailbox address syntax
X.1.8	Bad sender's system address		

x.2.x Codes			
X.2.0	Other or undefined mailbox status	X.2.1	Mailbox disabled, not accepting messages
X.2.2	Mailbox full	X.2.3	Message length exceeds administrative limit
X.2.4	Mailing list expansion issue		

x.3.x Codes			
X.3.0	Other or undefined mail system status	X.3.1	Mail system full
X.3.2	System not accepting network messages	X.3.3	System not capable of selected features
X.3.4	Message too big for system	X.3.5	System incorrectly configured

x.4.x Codes			
X.4.0	Other or undefined network or routing status	X.4.1	No answer from host
X.4.2	Bad connection	X.4.3	Routing server failure
X.4.4	Unable to route	X.4.5	Network congestion
X.4.6	Routing loop detected	X.4.7	Delivery time expired

x.5.x Codes			
X.5.0	Other or undefined protocol status	X.5.1	Invalid command
X.5.2	Syntax error	X.5.3	Too many recipients
X.5.4	Invalid command arguments	X.5.5	Wrong protocol version

x.6.x Codes			
X.6.0	Other or undefined media error	X.6.1	Media not supported
X.6.2	Conversion required and prohibited	X.6.3	Conversion required but not supported
X.6.4	Conversion with loss performed	X.6.5	Conversion failed

x.7.x Codes			
X.7.0	Other or undefined security status	X.7.1	Delivery not authorized, message refused
X.7.2	Mailing list expansion prohibited	X.7.3	Security conversion required but not possible
X.7.4	Security features not supported	X.7.5	Cryptographic failure
X.7.6	Cryptographic algorithm not supported	X.7.7	Message integrity failure

200 Codes			
211	System status / system help reply	214	Help message
220	Domain service ready	221	Service closing transmission channel
250	Requested mail action okay and completed	251	will forward to forwardpath
252	Pending messages for node started. Cannot Verify user, will take message for this user and attempt delivery	253	pending messages for node started

300 Codes			
354	Start mail input; end with . server is ready to accept the message	355	Octet-offset is the transaction offset

400 Codes			
421	Domain service not available, closing transmission channel	432	Domain service not available, closing transmission channel
450	Requested mail action not taken: mailbox unavailable. request refused	451	Requested action aborted: local error in processing Request is unable to be processed, try again
452	Requested action not taken: insufficient system storage	453	No mail
454	TLS not available due to temporary reason. Encryption required for requested authentication mechanism.	458	Unable to queue messages for node
459	node not allowed: reason		

500 Codes			
500	server could not recognize the command due to a syntax error	501	Syntax error, no parameters allowed
502	Command not implemented	503	Bad sequence of commands
504	Command parameter not implemented	510	Check the recipient address
512	Host unknown. Domain can not be found.	515	Destination mailbox address invalid
517	Problem with senders mail attribute, check properties	521	Machine does not accept mail
522	Recipient has exceeded mailbox limit	523	Server or connector limit exceeded. Message too large
530	Must issue a STARTTLS command first. Encryption required for requested authentication mechanism	531	Mail system Full
533	Remote server has insufficient disk space to hold email	534	Authentication mechanism is too weak. Message too big
535	Multiple servers using same IP	538	Encryption required for requested authentication mechanism.
540	No DNS Server for email address	541	No answer from host
542	Bad Connection	543	Routing server failure. No available route
546	Email looping	547	Delivery time-out.
550	Requested action not taken: mailbox unavailable.	551	User not local; please try forwardpath
552	Requested mail action aborted: exceeded storage allocation	553	Requested action not taken: mailbox name not allowed
554	Transaction failed		

(The following are very general error message explainations)
A message that you sent could not be delivered to one or more of its
recipients. This is a permanent error. The following address(es) failed:

The email address is either misspelled, or does not exist.

help@howtointernet.net mailbox is full: retry timeout exceeded	This is fairly simple and straight forward. The email you are sending to can not accept any more data.
<help@howtointernet.net>: Sorry. Although I'm listed as a best-preference MX or A for that host,	There may be an issue with either

it isn't in my control/locals file, so I don't treat it as local. (#5.4.6)	the DNS setup or the port for the mail on that server is not working.
help@howtointernet.net Technical details of permanent failure: PERM_FAILURE: DNS Error: Domain name not found	This message is saying that the domain name "howtointernet.net" does not exist. Make sure it is not misspelled.
help@howtointernet.net Technical details of permanent failure: PERM_FAILURE: SMTP Error (state 13): 553 sorry, mailbox unavailable (#4.7.1)	This mailbox may not exist- double check spelling This mailbox may exist and the pathway on the server needs to be re-established This mailbox may exist, but the DNS is not set up properly.
<help@howtointernet.net>: Connected to 168.144.68.96 but sender was rejected. Remote host said: 553 sorry, your mailserver [131.103.218.112] is rejected by See http://spamcop.net/	Your email is being rejected because it is being seen as spam. This message specifically shows spamcop is the spam company that blocked the IP address The IP address could be the one provided to you by either the company that hosts the email Or your internet service provider providing the line you used to send the mail You can tell who is being blocked by copying the IP address

	In this example it is: 131.103.218.112 and doing an IP whois lookup [Check SPAMcop's system here](#) [Check another black list systems](#)
<help@howtointernet.net>: 209.18.68.11 does not like recipient. Remote host said: 550-Rejected message because 131.103.218.80 is in a black list at 550 bl.spamcop.net Giving up on 209.18.68.11.	Your email is being rejected because it is being seen as spam. This message specifically shows spamcop is the spam company that blocked the IP address The IP address could be the one provided to you by either the company that hosts the email Or your internet service provider providing the line you used to send the mail You can tell who is being blocked by copying the IP address In this example it is: 131.103.218.112 and doing an IP whois lookup The IP address 209.18.68.11 is the IP for the person you are trying to send to [Check SPAMcop's system here](#) [Check another black list systems](#)
help@howtointernet.net	There could be 2

SMTP error from remote mail server after RCPT TO:: host 72.22.71.86 [72.22.71.86]: 553 sorry, that domain isn't in my list of allowed rcpthosts (#5.7.1)	reasons for this. 1- The sender is not allowed to email this account. (spam filters, blacklisted IP address, recipient has wrong permissions for email files) 2- The command was aborted because the email address is invalid.
: The e-mail address could not be found. Perhaps the recipient moved to a different e-mail organization, or there was a mistake in the address. Check the address and try again. <"host451"."howtointernet.net" #5.1.0>	
help@howtointernet.net Technical details of permanent failure: PERM_FAILURE: SMTP Error (state 13): 553 sorry, that domain isn't in my list of allowed rcpthosts (#5.7.1)	The sender is not allowed to email this account. (recipient has wrong permissions for email files, or sender is being blocked by a spam filter)
help@howtointernet.net SMTP error from remote mail server after RCPT TO:: host 74.220.202.27 [74.220.202.27]: 550-4.184.96.66.static.eigbox.net (bosmailout04.yourhostingaccount.com) 550-[66.96.184.4] is currently not permitted to relay through this server. 550-Perhaps you have not logged into the pop/imap server in the last 30 minutes 550 or do not have SMTP Authentication turned on in your email client.	Relay not permitted through this server means that either SMTP relay has been disabled or requires authentication such as a password Email may be suspended or permissions are set incorrectly. The sender's system may have a blocked port.
help@howtointernet.net Technical details of permanent failure:	Relay not permitted through

PERM_FAILURE: SMTP Error (state 12): 550 bosauthsmtp11: Host 209.85.146.182: No unauthenticated relaying permitted	this server means that either SMTP relay has been disabled or requires authentication such as a password The password is not authenticating or being recognized. The sender's system may have a blocked port.
help@howtointernet.net SMTP error from remote mail server after initial connection: host gateway-f2.isp.att.net [207.115.11.16]: 550-66.96.185.8 blocked by ldap:ou=rblmx,dc=bellsouth,dc=net 550 Blocked for abuse. See http://www.att.net/bls_rbl/ for information.	The sender's IP address has been blocked for sending SPAM.
: Sorry, I wasn't able to establish an SMTP connection. (#4.4.1) I'm not going to try again; this message has been in the queue too long.	This usually means there is some delay on the server It could be the sender's server has a backed up mail system Or the receiver's server is taking too long to respond
: See /home/howtointernet/.maildata/users/help/TMDA_DELIVERY_FAILUR E for traceback I'm not going to try again; this message has been in the queue too long.	The message was waiting too long because of a delay on the server The path shows that there is a log kept of failed messages and it shows the route it went through
help@howtointernet.net Technical details of permanent failure: PERM_FAILURE: SMTP Error (state 13): 550 5.1.1 recipient rejected	The email was rejected by the recieving email system. Usually indicates a problem with the recipient's email address

help@howtointernet.net SMTP error from remote mail server after end of data: host mx.tnbnazarene.org [66.96.140.51]: 552 5.7.0 Number of 'Received:' DATA headers exceeds maximum permitted	The email went through too many different channels and is being rejected by the server it is being sent to. Too many headers could indicate a spammer or an email spoofer trying to route through someone else's mail system.

this page is still under construction

Document found on mysiteisdown.com and can be found on the following link
http://mysiteisdown.com/bouncewt.html#examples