

Command Examples

POP

POP protocol is session based.

Changes occur only after you type QUIT.

```
USER [username] # type the username
PASS [password] # type the password
QUIT # log out

STAT # Total number of messages and total size
LIST # List all messages - indexed list
RETR [message index] # retrieve the message with the index id
DELE [message index] # Delete specified message
TOP [message index] [num lines] # return headers and top X lines of a message
UIDL [message index] # return unique ID
NOOP # Do nothing (no operation)
RSET # Undelete the messages if any marked for deletion
```

SMTP

```
HELO[FQDN] # establish connection
MAIL FROM # specify email address of the sender
RCPT TO # specify email address of the recipient
DATA # present content of the message (body text, attachments) you must send a . (full stop)
on a new line to complete the command
RSET # aborts current transacitons
VRFY # check if user or mailbox exists on the server
```

```
NOOP # Do nothing (no operation)
```

```
QUIT # Exit
```

SNMP

Some of the utilities used for SNMP protocol

- snmpget
- snmpwalk
- snmpbulkget
- snmpbulkwalk

SIP

```
INVITE # invite a user to a call
```

```
ACK # acknowledgment is used to facilitate reliable message exchange for INVITEs.
```

```
BYE # Terminates a connection#
```

```
CANCEL # Terminates a request, or search for a user.
```

```
OPTIONS # solicits information about a server's capabilities
```

```
REGISTER # registers a user's current location
```

```
INFO # used for mid-session signalling
```

Telnet

```
-d #debug
```

```
-a #automatic login
```

```
-n tracefile # opens tracefile
```

```
-l user #specify user
```

```
-e escape char # specify escape char
```

-E # no character is recognised as escape character

-x # activate encryption

#Modes

character # Disables LINEMODE

line # enables LINEMODE

send abort # abort process

environ define variable value # assign a value to a variable

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