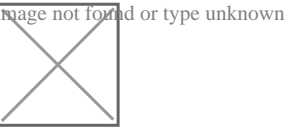


Email

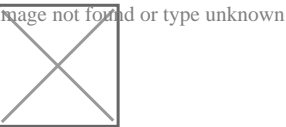
2017 6 25

Email



Email

SMTP



H5

SMTP

SMTP " " Simple Mail Transfer Protocol TCP
daemon

Email

1.	SMTP	
2.	250 251	5xx 500 599

MX

test@gmail.com

gmail.com MX

```
$ nslookup  
>
```

nslookup

```
> set q=mx  
> gmail.com
```

set q=mx

MX

5 MX

```
Server:      192.168.1.1  
Address:     192.168.1.1#53
```

Non-authoritative answer:

```
gmail.com  mail exchanger = 20 alt2.gmail-smtp-in.l.google.com.  
gmail.com  mail exchanger = 30 alt3.gmail-smtp-in.l.google.com.  
gmail.com  mail exchanger = 10 alt1.gmail-smtp-in.l.google.com.  
gmail.com  mail exchanger = 5 gmail-smtp-in.l.google.com.  
gmail.com  mail exchanger = 40 alt4.gmail-smtp-in.l.google.com.
```

gmail.com

MX

nslookup 123 DNS

TCP

TCP SMTP 25 Telnet Netcat

```
$ telnet gmail-smtp-in.l.google.com 25
#
$ nc gmail-smtp-in.l.google.com 25
```

|220|

```
220 mx.google.com ESMTP f14si7006176pln.607 - gsmtip
```

SMTP

HELO EHLO

SMTP

```
|mail@example.com||test@gmail.com||example.com|
```

```
HELO exampl.com
```

|250|

```
250 mx.google.com at your service
```

|HELO||EHLO|

EHL0 example.com

EHL0|250|

250-mx.google.com at your service, [114.84.160.153]
250-SIZE 157286400
250-8BITMIME
250-STARTTLS
250-ENHANCEDSTATUSCODES
250-PIPELINING
250-CHUNKING
250 SMTPUTF8

MAIL FROM

MAIL FROM|

MAIL FROM: <mail@example.com>

mail@example.com|250|

250 2.1.0 OK h10si3194349otb.59 - gsmtip

SMTP mail@example.com|

• example.com MX

- example.com Ping
- postmaster@example.com
- IP
- IP DNS

RCPT TO

RCPT TO

RCPT TO: <test@gmail.com>

550

Email

550-5.1.1 The email account that you tried to reach does not exist. Please try
550-5.1.1 double-checking the recipient's email address for typos or
550-5.1.1 unnecessary spaces. Learn more at
550 5.1.1 <https://support.google.com/mail/?p=NoSuchUser> p34si3372771otp.228
- smtp

250 Email

RCPT TO: <yifeng.ruan@gmail.com>
250 2.1.5 OK p34si3372771otp.228 - smtp

250 251

5xx

4xx

RCPT TO: <xxx@censored.pl>

451 Temporary local problem - please try later

QUIT

TCP

QUIT

221 2.0.0 closing connection p34si3372771otp.228 - gsmtip

- [How to Verify Email Address](#)
- [Simple Mail Transfer Protocol](#)

Revision #2

Created 10 February 2022 18:17:03 by

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