

(https://u2

4.gov.ua/)

ShellHacks (/)

Command-Line Tips and Tricks

BLOG (/CAT/BLOG/)

HowTo: Send Email from an SMTP Server using the Command Line

Posted on December 27, 2016 (/send-email-smtp-server-command-line/) by admin (/author/admin/)

(/send-email-smtp-server-command-line/)

The SMTP (**S**imple **M**ail **T**ransfer **P**rotocol) is an Internet standard for electronic mail (Email) transmission across Internet Protocol (IP) networks.

This tutorial shows how to connect to SMTP mail server and send an Email using the 'telnet' command.

Step 1: Open a connection from your computer to an SMTP mail server

```
$ telnet smtp.domain.ext 25
220 smtp.domain.ext ESMTP Sendmail ?version-number?; ?date+time+gmtoffset?
```

- smtp.domain.ext – Your mail server;
- 25 – Default port for SMTP.

Step 2: Declare your domain name or IP-address

(<https://www.shellhacks.com/send-email-smtp-server-command-line/>)
4. <https://www.shellhacks.com/send-email-smtp-server-command-line/> Set local.domain.name or anything you want in 'HELO', because the server doesn't check its authenticity, that is one of the drawbacks of this protocol.

```
> HELO local.domain.name
250 smtp.domain.ext Hello local.domain.name [xxx.xxx.xxx.xxx], pleased to meet you
```

Step 3: Set sender's email

```
> MAIL FROM: sender@adress.ext
250 2.1.0 sender@adress.ext... Sender ok
```

Step 4: Set recipient's email

```
> RCPT TO: recipient@adress.ext
250 2.1.5 recipient@adress.ext... Recipient ok
```

Step 5: To write the message, type DATA and press 'Enter'

```
> DATA
354 Enter mail, end with "." on a line by itself
```

Step 6: On the first line type 'SUBJECT: Your Subject' and press 'Enter' twice

```
> SUBJECT: Test message
```

Step 7: Continue typing your message

```
Hello,
this is a TEST message,
please don't reply.
Thank you.
```

Step 8: Put a single period (.) on a line by itself and press 'Enter' to send your message.

```
(https://u2
250 2.0.0 ???????? Message accepted for delivery
4.gov.ua/)
```

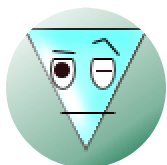
Step 9: Close the connection

```
> QUIT
221 2.0.0 server.com closing connection
```

Comments (4) (</send-email-smtp-server-command-line/#comments>)

[MAIL \(/TAG/MAIL/\)](/TAG/MAIL/)[TELNET \(/TAG/TELNET/\)](/TAG/TELNET/)

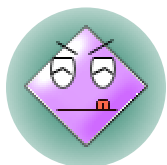
4 REPLIES TO "HOWTO: SEND EMAIL FROM AN SMTP SERVER USING THE COMMAND LINE"

**SUDA**

REPLY

July 27, 2020 at 7:36 am (</send-email-smtp-server-command-line/#comment-15748>)

How can I automate this? I want check some condition if condition met I want to send mail If condition not met skip sending mail

**C**

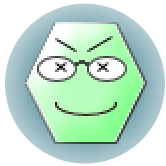
REPLY

July 14, 2021 at 2:15 pm (</send-email-smtp-server-command-line/#comment-21825>)

use an arduino or similar micro-controller. you can get ethernet daughter boards, or some of them have WIFI chips/ethernet built in. you will have to hard code the above in to a function in arduino ide, and build in a way to view/handle the response codes. there was a good tutorial on this on youtube by a guy named ralph bacon. use the i/o pins on the micro-controller to trigger your function and send the email. make sure you have protections built in so

(<https://u24.gov.ua/>)

you don't spam. OR if you want to do this all from a pc then write a script. maybe powershell ide would be good for this. i used it for a small project because the documentation was pretty good and the ide and everything was pre-installed on my desktop at work already. good luck



JESSE POLLARD

REPLY

April 23, 2022 at 11:29 pm (</send-email-smtp-server-command-line/#comment-28483>)

OR just use perl/python to carry out the interaction.



HOTWIRE

REPLY

July 26, 2022 at 6:49 am (</send-email-smtp-server-command-line/#comment-32711>)

Thanks for putting this up. Greatly useful to check smtp accessibility.

LEAVE A REPLY

Comment

Name

(https://u2

4.gov.ua/)

POST REPLY

ONLINE TOOLS

Base64 Decode (<https://base64-decode.online/>)

Base64 Encode (<https://base64-encode.online/>)


TAGS

[ACCESS-CONTROL \(/TAG/ACCESS-CONTROL/\)](#) [ANONYMITY \(/TAG/ANONYMITY/\)](#) [ANSIBLE \(/TAG/ANSIBLE/\)](#)
[APACHE \(/TAG/APACHE/\)](#) [ARCHIVE \(/TAG/ARCHIVE/\)](#) [ARDUINO \(/TAG/ARDUINO/\)](#)
[ARTIFACTORY \(/TAG/ARTIFACTORY/\)](#) [AWS \(/TAG/AWS/\)](#) [BASH \(/TAG/BASH/\)](#) [BOOT \(/TAG/BOOT/\)](#)
[CMD \(/TAG/CMD/\)](#) [COMMAND-LINE \(/TAG/COMMAND-LINE/\)](#) [CURL \(/TAG/CURL/\)](#) [DNS \(/TAG/DNS/\)](#)
[DOCKER \(/TAG/DOCKER/\)](#) [ENCRYPTION \(/TAG/ENCRYPTION/\)](#) [GIT \(/TAG/GIT/\)](#) [GITLAB \(/TAG/GITLAB/\)](#)
[JAVA \(/TAG/JAVA/\)](#) [JENKINS \(/TAG/JENKINS/\)](#) [KUBERNETES \(/TAG/KUBERNETES/\)](#) [LINUX \(/TAG/LINUX/\)](#)
[MACOS \(/TAG/MACOS/\)](#) [MAIL \(/TAG/MAIL/\)](#) [MONGODB \(/TAG/MONGODB/\)](#) [MYSQL \(/TAG/MYSQL/\)](#)
[NETWORK \(/TAG/NETWORK/\)](#) [OPENSSL \(/TAG/OPENSSL/\)](#) [PDF \(/TAG/PDF/\)](#) [PHP \(/TAG/PHP/\)](#)
[POWERSHELL \(/TAG/POWERSHELL/\)](#) [PROMETHEUS \(/TAG/PROMETHEUS/\)](#) [PYTHON \(/TAG/PYTHON/\)](#)
[RASPBERRY PI \(/TAG/RASPBERRY-PI/\)](#) [SSH \(/TAG/SSH/\)](#) [SUBLIME TEXT \(/TAG/SUBLIME-TEXT/\)](#)
[SYSTEMD \(/TAG/SYSTEMD/\)](#) [TELEGRAM \(/TAG/TELEGRAM/\)](#) [TELNET \(/TAG/TELNET/\)](#)
[TEXT-PROCESSING \(/TAG/TEXT-PROCESSING/\)](#) [TOR \(/TAG/TOR/\)](#) [TSM \(/TAG/TSM/\)](#)
[WINDOWS \(/TAG/WINDOWS/\)](#) [WORDPRESS \(/TAG/WORDPRESS/\)](#) [YUM \(/TAG/YUM/\)](#)

(https://u2

4.gov.ua/)
(https://t.me/ShellHacks)

 (https://twitter.com/shellhacks)

 (/feed)

Privacy (/privacy)

Copyright © 2011-2022 | www.ShellHacks.com