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Государственное автономное образовательное учреждение  
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«Московский городской педагогический университет»  
Институт цифрового образования  
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**ДИСЦИПЛИНА:**  
**«Распределенные системы»**  
**пр\_01**  
**Тема:**  
**«HTTP»**

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Преподаватель: Босенко Тимур Муртазович

Москва  
2023

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:46  
st1@st1-vbox: ~

```
File Edit View Search Terminal Help
st1@st1-vbox:~$ sudo telnet -d localhost 22
[sudo] password for st1:
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^].
SSH-2.0-OpenSSH_7.6p1 Ubuntu-4ubuntu0.7

Protocol mismatch.
Connection closed by foreign host.
st1@st1-vbox:~$ telnet opennet.ru 80
Trying 217.65.3.21...
Connected to opennet.ru;
Escape character is '^].
Connection closed by foreign host.
st1@st1-vbox:~$
```

Помимо терминала, на рабочем столе видны иконки для файлов, изображений, документов, браузера и других приложений.

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:54  
st1@st1-vbox: ~

```
File Edit View Search Terminal Help
st1@st1-vbox:~$ telnet india.colorado.edu 13
Trying 128.138.140.44...
Connected to india.colorado.edu.
Escape character is '^].
60192 23-09-05 10:49:23 50 0 0 213.8 UTC(NIST) *
Connection closed by foreign host.
st1@st1-vbox:~$ telnet mgpu.ru 80
Trying 91.215.42.162...
Connected to mgpu.ru.
Escape character is '^].
HTTP/1.1 408 Request Timeout
Server: ngjit
Date: Tue, 05 Sep 2023 10:53:16 GMT
Connection: close
Content-Type: text/html; charset=utf8
Content-Length: 566

<!DOCTYPE html><html lang=en><meta charset=utf-8><meta name=viewport content="initial-scale=1, minimum-scale=1, width=device-width"><title>Error 408</title><style>*{margin:0;padding:0}html{font:15px/22px arial,sans-serif;background: #fff; color:#222;padding:15px}body{margin:7% auto 0;max-width:390px;min-height:180px;padding:30px 0 15px}p{margin:11px 0 22px;overflow :hidden}ins{color:#777;text-decoration :none;}</style><p><b>408 - Request Timeout .</b> <ins>That's an error.</ins><p>The server timed out waiting for the request. <ins>That's all we know.</ins>Connection closed by foreign host.
st1@st1-vbox:~$ telnet -d mgpu.ru 80
```

Второй терминал показывает успешное подключение к серверу india.colorado.edu и ошибку 408 Request Timeout при подключении к mgpu.ru. Время выполнения скрипта указано как 60192 секунд.

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:56 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
ow.</ins>Connection closed by foreign host.
st1@st1-vbox:~$ telnet -d mgpu.ru 80
Trying 91.215.42.162...
setsockopt (SO_DEBUG): Permission denied
Connected to mgpu.ru.
Escape character is '^].
Connection closed by foreign host.
st1@st1-vbox:~$ sudo apt install curl
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libcurl4
The following packages will be upgraded:
  curl libcurl4
2 upgraded, 0 newly installed, 0 to remove and 284 not upgraded.
Need to get 379 kB of archives.
After this operation, 6 144 B of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ru.archive.ubuntu.com/ubuntu bionic-updates/main amd64 curl amd64 7.58.0-2ubuntu3.24 [159 kB]
Get:2 http://ru.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libcurl4 am
d64 7.58.0-2ubuntu3.24 [221 kB]
Fetched 379 kB in 1s (556 kB/s)
(Reading database ... 170570 files and directories currently installed.)
Preparing to unpack .../curl_7.58.0-2ubuntu3.24_amd64.deb ...
Unpacking curl (7.58.0-2ubuntu3.24) over (7.58.0-2ubuntu3.18) ...
Preparing to unpack .../libcurl4_7.58.0-2ubuntu3.24_amd64.deb ...
Unpacking libcurl4:amd64 (7.58.0-2ubuntu3.24) over (7.58.0-2ubuntu3.18) ...
```

Помощь Портал Поиск Гифка Яндекс Гугль Яндекс Гугль Яндекс Гугль

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:56 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
Connection closed by foreign host.
st1@st1-vbox:~$ sudo apt install curl
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libcurl4
The following packages will be upgraded:
  curl libcurl4
2 upgraded, 0 newly installed, 0 to remove and 284 not upgraded.
Need to get 379 kB of archives.
After this operation, 6 144 B of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ru.archive.ubuntu.com/ubuntu bionic-updates/main amd64 curl amd64 7.58.0-2ubuntu3.24 [159 kB]
Get:2 http://ru.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libcurl4 am
d64 7.58.0-2ubuntu3.24 [221 kB]
Fetched 379 kB in 1s (556 kB/s)
(Reading database ... 170570 files and directories currently installed.)
Preparing to unpack .../curl_7.58.0-2ubuntu3.24_amd64.deb ...
Unpacking curl (7.58.0-2ubuntu3.24) over (7.58.0-2ubuntu3.18) ...
Preparing to unpack .../libcurl4_7.58.0-2ubuntu3.24_amd64.deb ...
Unpacking libcurl4:amd64 (7.58.0-2ubuntu3.24) over (7.58.0-2ubuntu3.18) ...
Setting up libcurl4:amd64 (7.58.0-2ubuntu3.24) ...
Setting up curl (7.58.0-2ubuntu3.24) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...

Progress: [ 91%] [#####
.....]
```

Помощь Портал Поиск Гифка Яндекс Гугль Яндекс Гугль

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:58 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
st1@st1-vbox:~$ curl -v http://mgpu.ru
* Rebuilt URL to: http://mgpu.ru/
* Trying 91.215.42.162...
* TCP_NODELAY set
* Connected to mgpu.ru (91.215.42.162) port 80 (#0)
> GET / HTTP/1.1
> Host: mgpu.ru
> User-Agent: curl/7.58.0
> Accept: */*
>
< HTTP/1.1 301 Moved Permanently
< Server: ddos-guard
< Date: Tue, 05 Sep 2023 10:58:22 GMT
< Connection: keep-alive
< Keep-Alive: timeout=60
< Location: https://mgpu.ru/
< Content-Type: text/html; charset=utf8
< Content-Length: 568
<
* Connection #0 to host mgpu.ru left intact
<!DOCTYPE html><html lang=en><meta charset=utf-8><meta name=viewport content="initial-scale=1, minimum-scale=1, width=device-width"><title>Error 301</title><s
tyle>*>{margin:0;padding:0}html{font:15px/22px arial,sans-serif;background: #fff
;color:#222;padding:15px}body{margin:7% auto 0;max-width:390px;min-height:180px
;padding:30px 0 15px}p{margin:11px 0 22px;overflow :hidden}ins{color:#777;text-decorati
on:none;}</style><p><b>301 - Moved Permanently .</b> <ins>That's an er
ror.</ins><p>Requested content has been permanently moved. <ins>That's all we
know.</ins>st1@st1-vbox:~$
```

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 13:59 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
know.</ins>st1@st1-vbox:~$ curl -v https://mgpu.ru/
* Trying 91.215.42.162...
* TCP_NODELAY set
* Connected to mgpu.ru (91.215.42.162) port 443 (#0)
* ALPN, offering h2
* ALPN, offering http/1.1
* successfully set certificate verify locations:
*   CAfile: /etc/ssl/certs/ca-certificates.crt
*   CApth: /etc/ssl/certs
* TLSv1.3 (OUT), TLS handshake, Client hello (1):
* TLSv1.3 (IN), TLS handshake, Server hello (2):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Unknown (8):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Certificate (11):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, CERT verify (15):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Finished (20):
* TLSv1.3 (OUT), TLS change cipher, Client hello (1):
* TLSv1.3 (OUT), TLS Unknown, Certificate Status (22):
* TLSv1.3 (OUT), TLS handshake, Finished (20):
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256
* ALPN, server accepted to use h2
* Server certificate:
*   subject: CN=*.mgpu.ru
*   start date: Apr 17 06:46:45 2023 GMT
*   expire date: May 18 06:46:44 2024 GMT
*   subiectAltName: host "mgpu.ru" matched cert's "mgpu.ru"
```

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 14:00 st1@st1-vbox: ~

```
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* Using Stream ID: 1 (easy handle 0x561291e6a620)
> GET / HTTP/2
> Host: mgpu.ru
> User-Agent: curl/7.58.0
> Accept: */*
>
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* Connection state changed (MAX_CONCURRENT_STREAMS updated)!
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
< HTTP/2 301
< server: ddos-guard
< date: Tue, 05 Sep 2023 10:59:19 GMT
< content-security-policy: upgrade-insecure-requests;
< set-cookie: __ddg1_=91HKtBeofy7UkRCW0BBQ; Domain=.mgpu.ru; HttpOnly; Path=/;
Expires=Wed, 04-Sep-2024 10:59:19 GMT
< content-length: 0
< location: https://www.mgpu.ru/
<
* Connection #0 to host mgpu.ru left intact
st1@st1-vbox:~$
```

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 14:02 st1@st1-vbox: ~

```
* expire date: May 18 06:46:44 2024 GMT
* subjectAltName: host "mgpu.ru" matched cert's "mgpu.ru"
* issuer: C=BE; O=GlobalSign nv-sa; CN=Alphassl CA - SHA256 - G4
* SSL certificate verify ok.
* Using HTTP2, server supports multi-use
* Connection state changed (HTTP/2 confirmed)
* Copying HTTP/2 data in stream buffer to connection buffer after upgrade: len=0
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* Using Stream ID: 1 (easy handle 0x561291e6a620)
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
> GET / HTTP/2
> Host: mgpu.ru
> User-Agent: curl/7.58.0
> Accept: */*
>
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* Connection state changed (MAX_CONCURRENT_STREAMS updated)!
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
< HTTP/2 301
< server: ddos-guard
< date: Tue, 05 Sep 2023 10:59:19 GMT
```

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 14:05 st1@st1-vbox: ~

```
</html>
* Connection #0 to host www.hse.ru left intact
st1@st1-vbox:~$ curl -v https://www.hse.ru/en/
* Trying 178.248.234.104...
* TCP_NODELAY set
* Connected to www.hse.ru (178.248.234.104) port 443 (#0)
* ALPN, offering h2
* ALPN, offering http/1.1
* successfully set certificate verify locations:
*   CAfile: /etc/ssl/certs/ca-certificates.crt
*   CApath: /etc/ssl/certs
* TLSv1.3 (OUT), TLS handshake, Client hello (1):
* TLSv1.3 (IN), TLS handshake, Server hello (2):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Unknown (8):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Certificate (11):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, CERT verify (15):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Finished (20):
* TLSv1.3 (OUT), TLS change cipher, Client hello (1):
* TLSv1.3 (OUT), TLS Unknown, Certificate Status (22):
* TLSv1.3 (OUT), TLS handshake, Finished (20):
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256
* ALPN, server accepted to use h2
* Server certificate:
*   subject: CN=*.hse.ru
*   start date: Jan 31 10:18:18 2023 GMT
*   expire date: Mar 3 10:18:17 2024 GMT
*   subjectAltName: host "www.hse.ru" matched cert's "*.hse.ru"
*   issuer: C=BE; O=GlobalSign nv-sa; CN=Alphassl CA - SHA256 - G4
*   SSL certificate verify ok.
* Using HTTP2, server supports multi-use
* Connection state changed (HTTP/2 confirmed)
* Copying HTTP/2 data in stream buffer to connection buffer after upgrade: len=0
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* Using Stream ID: 1 (easy handle 0x555c6f8fc620)
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
> GET /en/ HTTP/2
> Host: www.hse.ru
> User-Agent: curl/7.58.0
> Accept: */*
>
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* Connection state changed (MAX_CONCURRENT_STREAMS updated)!
```

Помощь Портал Яндекс.Браузер Google Документы Виджеты Установка Помощь Портал Яндекс.Браузер Google Документы Виджеты Установка

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 14:05 st1@st1-vbox: ~

```
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256
* ALPN, server accepted to use h2
* Server certificate:
*   subject: CN=*.hse.ru
*   start date: Jan 31 10:18:18 2023 GMT
*   expire date: Mar 3 10:18:17 2024 GMT
*   subjectAltName: host "www.hse.ru" matched cert's "*.hse.ru"
*   issuer: C=BE; O=GlobalSign nv-sa; CN=Alphassl CA - SHA256 - G4
*   SSL certificate verify ok.
* Using HTTP2, server supports multi-use
* Connection state changed (HTTP/2 confirmed)
* Copying HTTP/2 data in stream buffer to connection buffer after upgrade: len=0
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* Using Stream ID: 1 (easy handle 0x555c6f8fc620)
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
> GET /en/ HTTP/2
> Host: www.hse.ru
> User-Agent: curl/7.58.0
> Accept: */*
>
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* Connection state changed (MAX_CONCURRENT_STREAMS updated)!
```

Динамики (Realtek(R) Audio)

Помощь Портал Яндекс.Браузер Google Документы Виджеты Установка Помощь Портал Яндекс.Браузер Google Документы Виджеты Установка

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Вт 14:05 st1@st1-vbox: ~

```
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Certificate Status (22):
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* Connection state changed (MAX_CONCURRENT_STREAMS updated)!
* TLSv1.3 (OUT), TLS Unknown, Unknown (23):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
* TLSv1.3 (IN), TLS Unknown, Unknown (23):
< HTTP/2 200
< server: QRATOR
< date: Tue, 05 Sep 2023 11:13:43 GMT
< content-type: text/html; charset=utf-8
< content-length: 106337
< etag: W/"19f61-rgTw1BkpoNpNpCSnUuMn7kmEf4U"
< x-ireland-cache-status: HIT
< strict-transport-security: max-age=15552000
< x-xss-protection: 1; mode=block; report=https://www.hse.ru/n/api/xss/report
< set-cookie: tracking=ZEsUBGT3DWeUjxbpB9EyAg==; expires=Thu, 31-Dec-37 23:55:55
5 GMT; domain=.hse.ru; path=/
<
<!DOCTYPE html><html><head><title>HSE University</title><meta charset="utf-8"><
meta name="viewport" content="width=device-width, initial-scale=1"><meta http-equiv="X-UA-Compatible" content="IE=Edge"><meta name="yandex-verification" content="25e3420f8bfc397e"><meta name="theme-color" content="#1658DA"><meta name="sp-utnik-verification" content="SB2V6wrEtxYZNqgs"><meta name="twitter:card" content="summary"><meta property="og:title" content="HSE University" /><meta itemprop="name" _share_title" content="HSE University"><meta itemprop="name" _rsity" /><meta name="twitter:title" content="HSE University" /><meta itemprop="name" _ion" content="HSE is one of the top universities in Russia and abroad" />
Динамики (Realtek(R) Audio)
48
```

Помощь Поиск 14:15 05.09.2023

## HTTP -серверы

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Вт 14:28 st1@st1-vbox: ~

```
er_link main-footer_editor" href="https://www.hse.ru/adm?newportal=1">Edit</a></div></footer></div></div></body></html>st1@st1-vbox:~$  
st1@st1-vbox:~$ sudo apt update && sudo apt install -y nginx  
[sudo] password for st1:  
Hit:1 http://ru.archive.ubuntu.com/ubuntu bionic InRelease  
Get:2 http://ru.archive.ubuntu.com/ubuntu bionic-updates InRelease [88,7 kB]  
Get:3 http://ru.archive.ubuntu.com/ubuntu bionic-backports InRelease [83,3 kB]  
Hit:4 https://download.docker.com/linux/ubuntu focal InRelease  
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease  
Get:6 http://security.ubuntu.com/ubuntu bionic-security InRelease [88,7 kB]  
Get:7 http://ru.archive.ubuntu.com/ubuntu bionic-updates/main amd64 DEP-11 Meta  
data [296 kB]  
Get:8 http://ru.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 DEP-11  
Metadata [303 kB]  
Get:9 http://ru.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 DEP-11  
Metadata [2 468 B]  
Get:10 http://ru.archive.ubuntu.com/ubuntu bionic-backports/main amd64 DEP-11 M  
etadata [8 120 B]  
Get:11 http://ru.archive.ubuntu.com/ubuntu bionic-backports/multiverse amd64 DEP-11  
Metadata [10,1 kB]  
Get:12 http://security.ubuntu.com/ubuntu bionic-security/main amd64 DEP-11 M  
etadata [76,8 kB]  
Get:13 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 DEP-11  
Metadata [62,5 kB]  
Get:14 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 DEP-11  
Metadata [2 464 B]  
Fetched 1 023 kB in 3s (358 kB/s)  
Reading package lists... 26%
```

Осталось 1 час 32 мин.  
Режим питания (питание от аккумулятора): Улучшенная батарея  
Автономность Производительность  
Параметры аккумулятора

Помощь Поиск 14:28 05.09.2023

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Вт 14:43 st1@st1-vbox: /

```
File Edit View Search Terminal Help
Processing triggers for systemd (237-3ubuntu10.53) ...
st1@st1-vbox:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 сен  5 14:28 default -> /etc/nginx/sites-available/default
st1@st1-vbox:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 апр  6 2018 default
st1@st1-vbox:~$ sudo rm /etc/nginx/sites-enabled/default
st1@st1-vbox:~$ sudo mkdir -p /var/www/simple_static
st1@st1-vbox:~$ sudo chown hdmaster /var/www/simple_static
chown: invalid user: 'hdmaster'
st1@st1-vbox:~$ sudo chown st1 /var/www/simple_static
st1@st1-vbox:~$ cd /var/www/simple_static
st1@st1-vbox:/var/www/simple_static$ curl https://www.google.com/images/branding/googlelogo/2x/googlelogo_color_272x92dp.png > google.png
% Total    % Received % Xferd  Average Speed   Time     Time  Current
          Dload  Upload   Total   Spent    Left  Speed
100 13504  100 13504    0     0  33844      0 --:--:-- --:--:-- 33844
st1@st1-vbox:/var/www/simple_static$ printf "<body>This is our first html file</body>\n" > index.html
st1@st1-vbox:/var/www/simple_static$ ls
google.png index.html
st1@st1-vbox:/var/www/simple_static$ cd ..
cd..: command not found
st1@st1-vbox:/var/www/simple_static$ cd ..
st1@st1-vbox:/var$ cd ..
st1@st1-vbox:/$ cd ..
```

Динамики (Realtek(R) Audio)

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Поиск

14:43 05.09.2023

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Вт 14:47 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
GNU nano 2.9.3 /etc/nginx/sites-available/simple_static.conf Modified
server {
listen 80 default_server;
server_name_;
root /var/www/simple_static;
}
```

42% Осталось 1 час 40 мин.

Режим питания (питание от аккумулятора): Улучшенная батарея

Автономность Производительность

Параметры аккумулятора

Get Help Write Out Where Is Cut Text
Exit Read File Replace Uncut Tex

Поиск

14:47 05.09.2023

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Вт 14:55 st1@st1-vbox: /etc/nginx

```
File Edit View Search Terminal Help
google.png index.html
st1@st1-vbox:/var/www/simple_static$ cd..
cd..: command not found
st1@st1-vbox:/var/www/simple_static$ cd ..
st1@st1-vbox:/var/www$ cd ..
st1@st1-vbox:/var$ cd ..
st1@st1-vbox:$ cd ..
st1@st1-vbox:$ sudo service nginx stop
st1@st1-vbox:$ cd /var/www/simple_static
st1@st1-vbox:/var/www/simple_static$ ls
google.png index.html
st1@st1-vbox:/var/www/simple_static$ cd
st1@st1-vbox:~$ sudo nano /etc/nginx/sites-available/simple_static.conf
st1@st1-vbox:~$ cd /etc/nginx/
st1@st1-vbox:/etc/nginx$ sudo ln sites-available/simple_static.conf sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "server_name_" in /etc/nginx/sites-enabled/simple_static.conf:3
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$ cd
st1@st1-vbox:~$ sudo nano /etc/nginx/sites-available/simple_static.conf
st1@st1-vbox:~$ cd /etc/nginx/
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "server_name_" in /etc/nginx/sites-enabled/simple_static.conf:3
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$
```

Динамики (Realtek(R) Audio)

48

The screenshot shows a Linux desktop environment with a dark theme. On the left is a vertical dock with icons for various applications: Activities, Terminal, File Manager, Photos, Files, Dash, Code Editor, Browser, and Mail. The main window is a terminal titled 'Terminal' with the command 'st1@st1-vbox: /etc/nginx/sites-enabled/simple\_static.conf'. The terminal displays the following Nginx configuration code:

```
server {
    listen 80 default_server;
    server_name _;
    root /var/www/simple_static;
}
```

At the bottom of the terminal window, there is a menu bar with options: Get Help, Write Out, Read File, Where Is, Replace, Cut Text, Uncut Text, and Read 5 lines. A status bar at the bottom right shows system information: Динамики (Realtek(R) Audio), volume level, and battery status (21:48, 05.09.2023, ENG). The taskbar at the very bottom includes icons for the Start button, Search, Task View, File Explorer, Edge browser, Google Chrome, FileZilla, Filezilla, WinRAR, Settings, File Manager, and a green folder icon.

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal Bт 21:50 st1@st1-vbox: ~

```
File Edit View Search Terminal Help
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
st1@st1-vbox:/etc/nginx$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo service nginx start
st1@st1-vbox:/etc/nginx$ cd
st1@st1-vbox:~$ curl -v http://localhost:80
* Rebuilt URL to: http://localhost:80/
*   Trying 127.0.0.1...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 80 (#0)
> GET / HTTP/1.1
> Host: localhost
> User-Agent: curl/7.58.0
> Accept: */*
>
< HTTP/1.1 200 OK
< Server: nginx/1.14.0 (Ubuntu)
< Date: Tue, 05 Sep 2023 18:49:58 GMT
< Content-Type: text/html
< Content-Length: 41
< Last-Modified: Tue, 05 Sep 2023 11:37:15 GMT
< Connection: keep-alive
< ETag: "64f712eb-29"
< Accept-Ranges: bytes
<
<body>This is our first html file</body>
* Connection #0 to host localhost left intact
st1@st1-vbox:~$
```

St\_work\_Hadoop [Работает] - Oracle VM VirtualBox

Activities Terminal BT 21:47 st1@st1-vbox: /etc/nginx

```
File Edit View Search Terminal Help
st1@st1-vbox:/etc/nginx/sites-enabled$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx/sites-enabled$ cd /etc/nginx
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "/var/www/simple_static" in /etc/nginx/sites-enabled/simple_static.conf:4
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$ ^C
st1@st1-vbox:/etc/nginx$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "server_name_" in /etc/nginx/sites-enabled/simple_static.conf:3
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "root/var/www/simple_static" in /etc/nginx/sites-enabled/simple_static.conf:4
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: [emerg] unknown directive "var/www/simple_static" in /etc/nginx/sites-enabled/simple_static.conf:4
nginx: configuration file /etc/nginx/nginx.conf test failed
st1@st1-vbox:/etc/nginx$ sudo nano /etc/nginx/sites-enabled/simple_static.conf
st1@st1-vbox:/etc/nginx$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
st1@st1-vbox:/etc/nginx$
```

