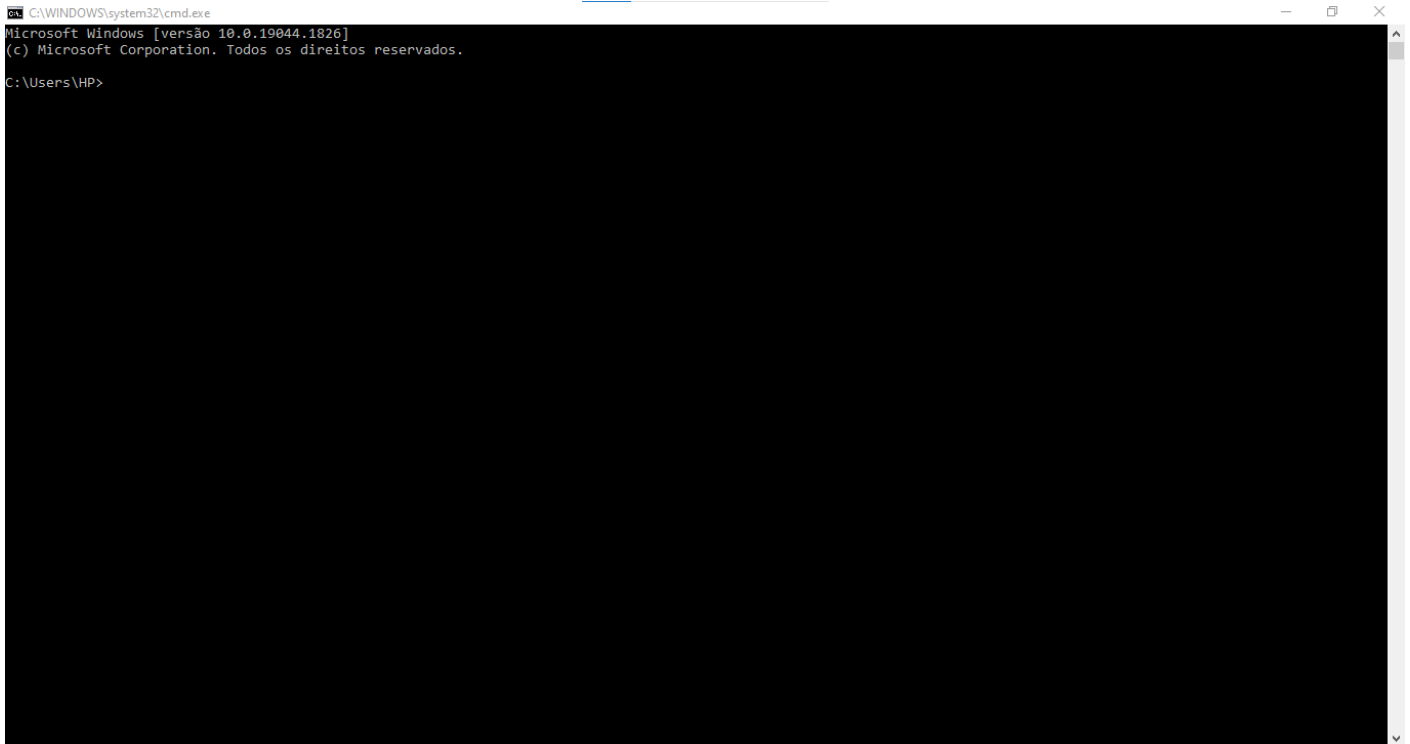


# Guia para rodar o backend no site

## 1. Abra o prompt de comando.

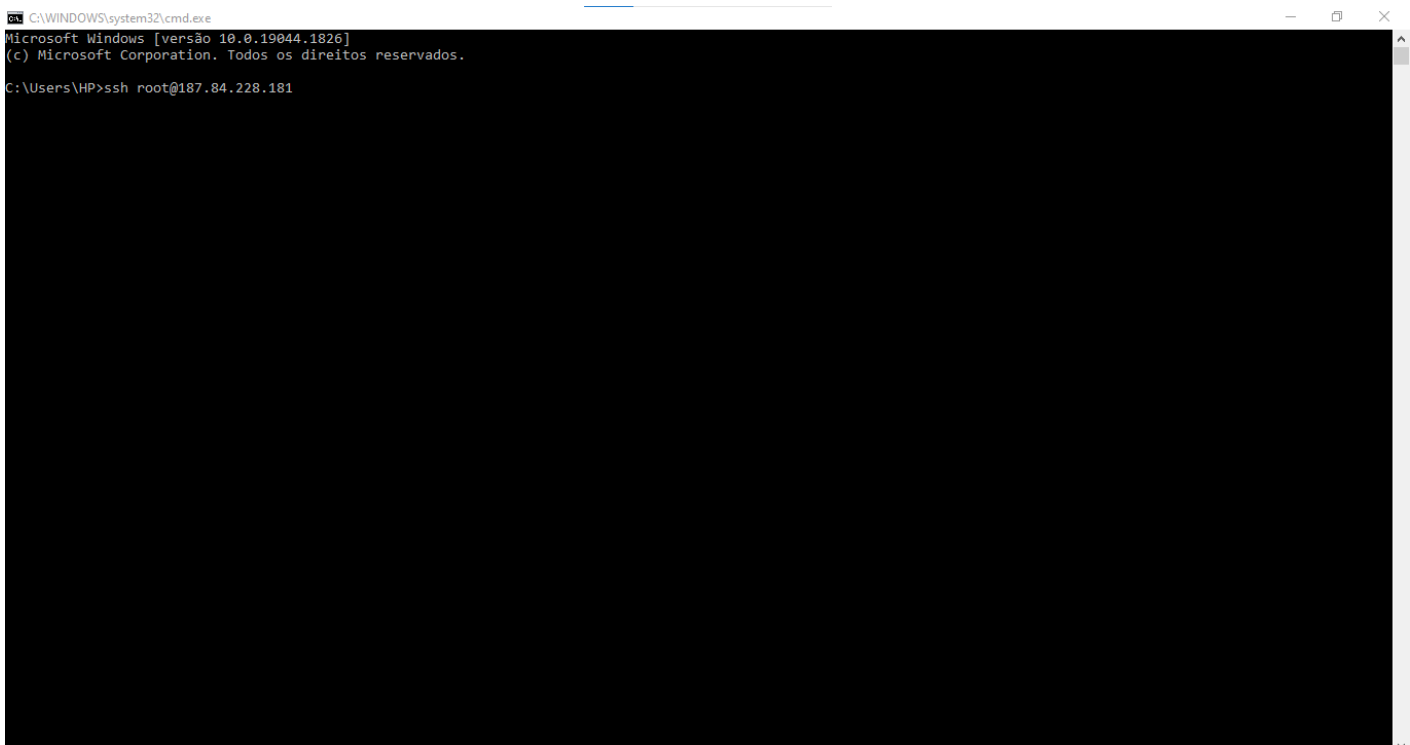


1.1 - Prompt de comando

## 2. Faça a conexão com o servidor que está hospedando o site.

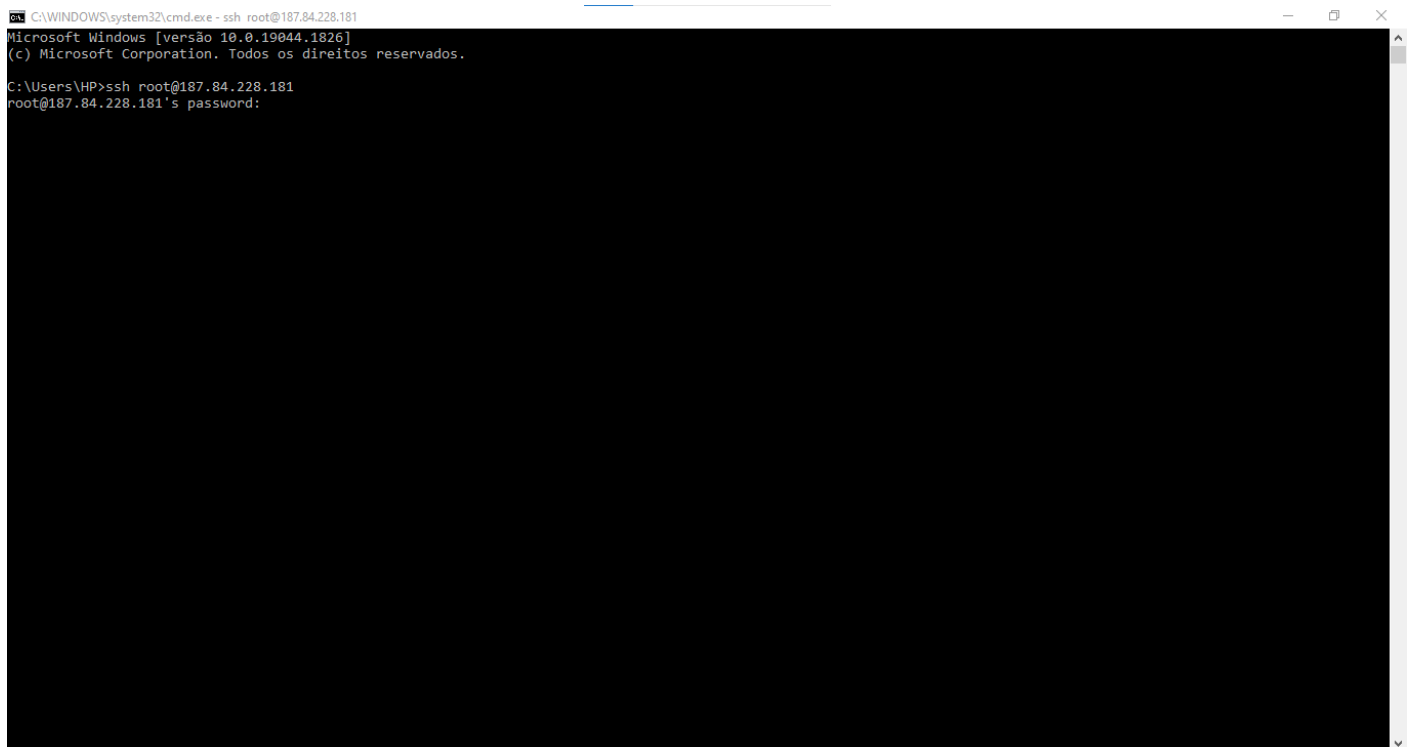
Utilize o comando “ssh” para fazer a conexão, utilizando o usuário do servidor e ip do servidor que deseje conectar.

Sintaxe do comando: **ssh nome\_usuario@ip\_servidor**



2.1 - Comando ssh para acessar servidor.

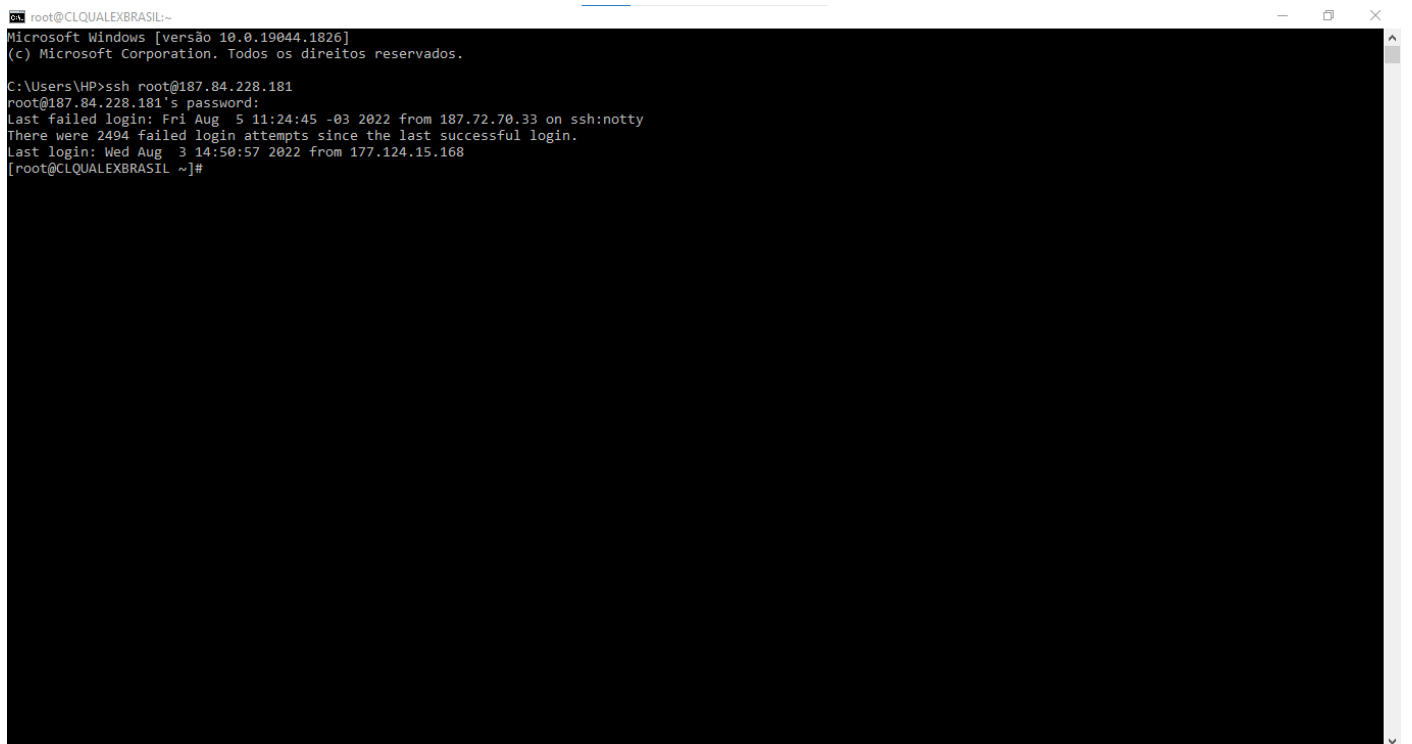
Caso digitado o comando correto será pedido a senha do usuário, a senha deve ser digitada manualmente caso contrário a conexão será negada.



```
C:\WINDOWS\system32\cmd.exe - ssh root@187.84.228.181
Microsoft Windows [versão 10.0.19044.1826]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\HP>ssh root@187.84.228.181
root@187.84.228.181's password:
```

## 2.2 Senha do usuário para acessar servidor.



```
root@CLQUALEXBRASIL:~
Microsoft Windows [versão 10.0.19044.1826]
(c) Microsoft Corporation. Todos os direitos reservados.

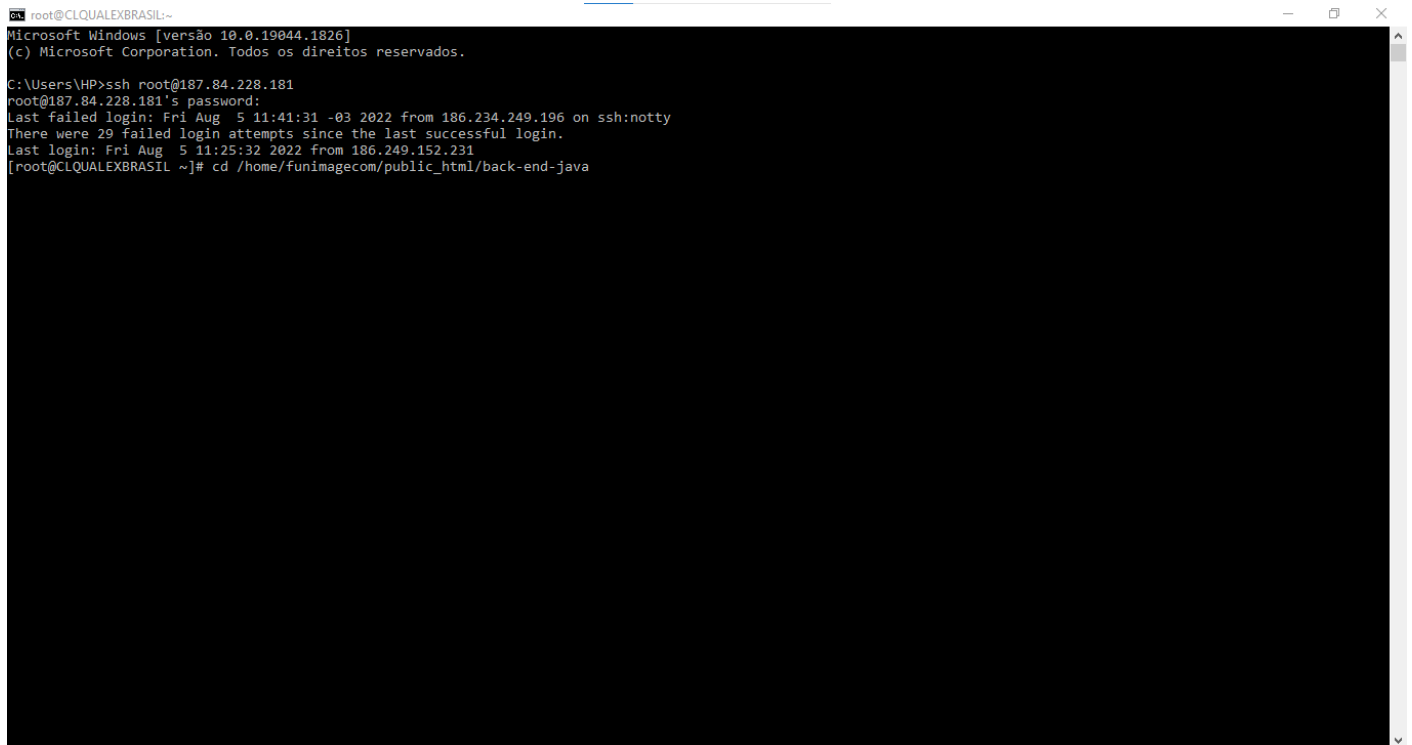
C:\Users\HP>ssh root@187.84.228.181
root@187.84.228.181's password:
Last failed login: Fri Aug 5 11:24:45 -03 2022 from 187.72.70.33 on ssh:notty
There were 2494 failed login attempts since the last successful login.
Last login: Wed Aug 3 14:50:57 2022 from 177.124.15.168
[root@CLQUALEXBRASIL ~]#
```

## 2.3 Login feito com sucesso.

### 3. Navegue até a pasta onde se encontra o .WAR do backend.

Utilize o comando “cd” para navegar dentro do servidor.

Sintaxe do comando: **cd caminho\_pasta**



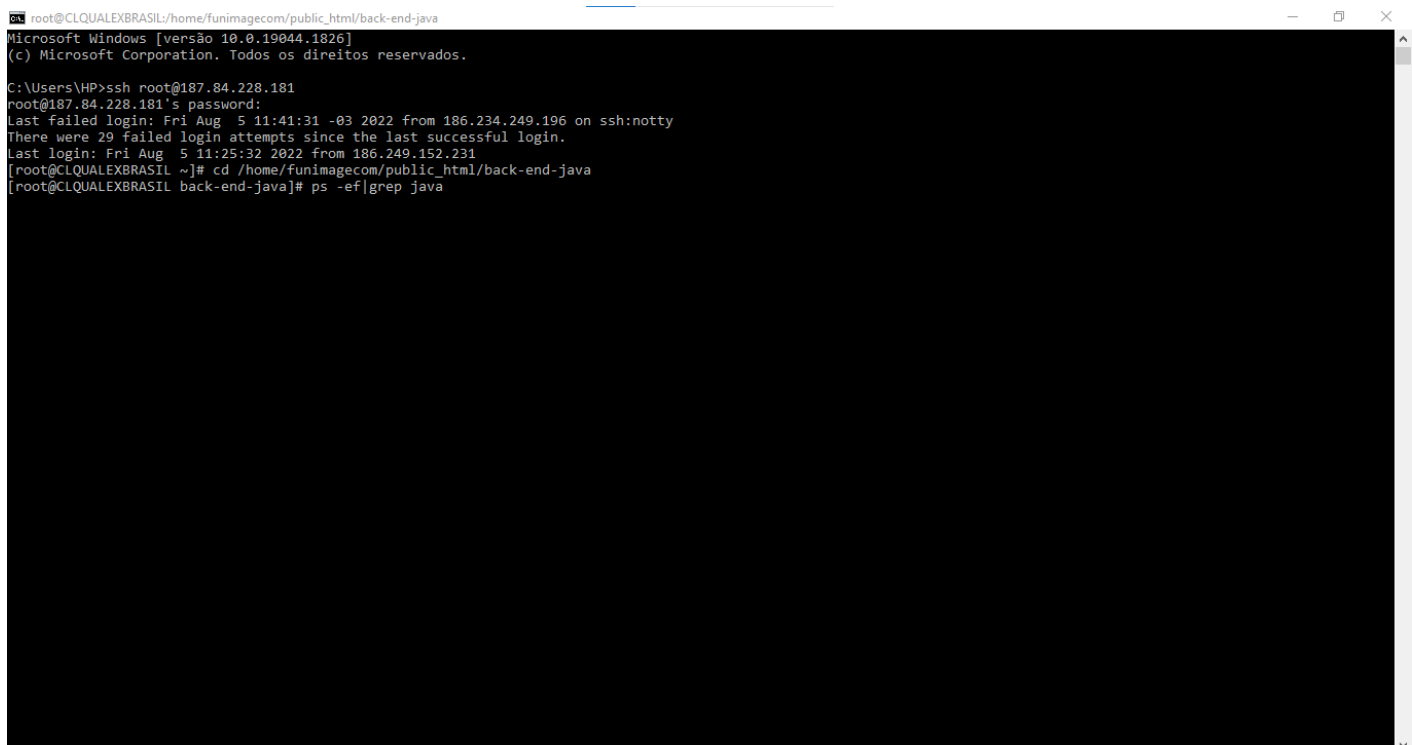
```
root@CLQUALEXBRASIL:~  
Microsoft Windows [versão 10.0.19044.1826]  
(c) Microsoft Corporation. Todos os direitos reservados.  
  
C:\Users\HP>ssh root@187.84.228.181  
root@187.84.228.181's password:  
Last failed login: Fri Aug 5 11:41:31 -03 2022 from 186.234.249.196 on ssh:notty  
There were 29 failed login attempts since the last successful login.  
Last login: Fri Aug 5 11:25:32 2022 from 186.249.152.231  
[root@CLQUALEXBRASIL ~]# cd /home/funimagecom/public_html/back-end-java
```

3.1 - Comando cd.

### 4. Verifique se o backend já está sendo executado.

Utilize o comando “grep” para verificar os processos em execução.

Sintaxe do comando: **ps -ef|grep palavra\_chave**



```
root@CLQUALEXBRASIL:/home/funimagecom/public_html/back-end-java  
Microsoft Windows [versão 10.0.19044.1826]  
(c) Microsoft Corporation. Todos os direitos reservados.  
  
C:\Users\HP>ssh root@187.84.228.181  
root@187.84.228.181's password:  
Last failed login: Fri Aug 5 11:41:31 -03 2022 from 186.234.249.196 on ssh:notty  
There were 29 failed login attempts since the last successful login.  
Last login: Fri Aug 5 11:25:32 2022 from 186.249.152.231  
[root@CLQUALEXBRASIL ~]# cd /home/funimagecom/public_html/back-end-java  
[root@CLQUALEXBRASIL back-end-java]# ps -ef|grep java
```

4.1 - Comando grep

Caso o programa esteja em execução copie a id do processo e mate o processo usando o comando “kill”.

Sintaxe do comando: **kill -9 id\_processo**

```
root@CLQUALEXBRASIL:~/home/funimagecom/public_html/back-end-java
Microsoft Windows [versão 10.0.19044.1826]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\HP>ssh root@187.84.228.181
root@187.84.228.181's password:
Last failed login: Fri Aug 5 11:41:31 -03 2022 from 186.234.249.196 on ssh:notty
There were 29 failed login attempts since the last successful login.
Last login: Fri Aug 5 11:25:32 2022 from 186.249.152.231
[root@CLQUALEXBRASIL ~]# cd /home/funimagecom/public_html/back-end-java
[root@CLQUALEXBRASIL back-end-java]# ps -ef|grep java
cpansol+ 2026      1  0 Aug03 ?        00:12:13 /usr/lib/jvm/jre-1.8.0/bin/java -server -Xms512m -Xmx512m -XX:+UseG1GC -XX:+PerfDisableSharedMem -XX:+ParallelRefProcE
nabled -XX:MaxGCPauseMillis=250 -XX:+UseLargePages -XX:+AlwaysPreTouch -XX:+ExplicitGCInvokesConcurrent -verbose:gc -XX:+PrintHeapAtGC -XX:+PrintGCDetails -XX:+PrintGCD
ateStamps -XX:+PrintGCTimeStamps -XX:+PrintTenuringDistribution -XX:+PrintGCApplicationStoppedTime -Xloggc:/home/cpanelso
r/server/logs/solr_gc.log -XX:+UseGCLogFileRotation -XX:NumberOfGCLogFiles=9 -XX:GCLogFileSize=20M -Dsolr.jetty.inetaccess.includes= -Dsolr.jetty.inetaccess.excludes= -Dsolr.log.dir=/home/cpanelso
r/server/logs -Djetty.home=/home/cpanelso
r/server -Dsolr.solr.home=/home/cpanelso
r/server/solr -Dsolr.data.home= -Dsolr.install.dir=/home/cpanelso
r -Dsolr.de
fault.confdir=/home/cpanelso
r/server/solr/configsets/_default/conf -Dlog4j2.formatMsgNoLookups=true -Xss256k -Dsolr.autoSoftCommit.maxTime=3000 -Dsolr.log.muteconsole
-jar start.jar --module=http --module=gzip
root      16383      1  2 Aug03 ?        01:06:20 /usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.el7_9.x86_64/bin/java -jar FunImageApi2-0.0.1-SNAPSHOT.war
root      55206  54909  0 11:43 pts/3    00:00:00 grep --color=auto java
[root@CLQUALEXBRASIL back-end-java]# kill -9 16383
```

#### 4.2 - Comando kill

### 5. Execute o .WAR do backend.

Utilize o comando “nohup” para executar o .WAR.

Sintaxe do comando: **nohup caminho\_pastaJava/bin/java -jar nome\_arquivo 2>&1 >> log.txt &**

Nota: utilize FunImageApi2-0.0.1-SNAPSHOT.war para a execução, esse é o mais recente.

```
root@CLQUALEXBRASIL:~
Microsoft Windows [versão 10.0.19044.1826]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\HP>ssh root@187.84.228.181
root@187.84.228.181's password:
Permission denied, please try again.
root@187.84.228.181's password:
Last failed login: Mon Aug 8 16:12:49 -03 2022 from 186.249.156.37 on ssh:notty
There were 3556 failed login attempts since the last successful login.
Last login: Fri Aug 5 14:05:57 2022 from 186.249.152.231
[root@CLQUALEXBRASIL ~]# ps -ef|grep java
cpansol+ 2026      1  0 Aug03 ?        00:29:04 /usr/lib/jvm/jre-1.8.0/bin/java -server -Xms512m -Xmx512m -XX:+UseG1GC -XX:+PerfDisableSharedMem -XX:+ParallelRefProcE
nabled -XX:MaxGCPauseMillis=250 -XX:+UseLargePages -XX:+AlwaysPreTouch -XX:+ExplicitGCInvokesConcurrent -verbose:gc -XX:+PrintHeapAtGC -XX:+PrintGCDetails -XX:+PrintGCD
ateStamps -XX:+PrintGCTimeStamps -XX:+PrintTenuringDistribution -XX:+PrintGCApplicationStoppedTime -Xloggc:/home/cpanelso
r/server/logs/solr_gc.log -XX:+UseGCLogFileRotation -XX:NumberOfGCLogFiles=9 -XX:GCLogFileSize=20M -Dsolr.jetty.inetaccess.includes= -Dsolr.jetty.inetaccess.excludes= -Dsolr.log.dir=/home/cpanelso
r/server/logs -Djetty.home=/home/cpanelso
r/server -Dsolr.solr.home=/home/cpanelso
r/server/solr -Dsolr.data.home= -Dsolr.install.dir=/home/cpanelso
r -Dsolr.de
fault.confdir=/home/cpanelso
r/server/solr/configsets/_default/conf -Dlog4j2.formatMsgNoLookups=true -Xss256k -Dsolr.autoSoftCommit.maxTime=3000 -Dsolr.log.muteconsole
-jar start.jar --module=http --module=gzip
root      16383      1  2 Aug03 ?        03:19:40 /usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.el7_9.x86_64/bin/java -jar FunImageApi2-0.0.1-SNAPSHOT.war
root      78398  78368  0 16:13 pts/0    00:00:00 grep --color=auto java
[root@CLQUALEXBRASIL ~]# kill -9 16383
[root@CLQUALEXBRASIL ~]# nohup /usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.el7_9.x86_64/bin/java -jar FunImageApi2-0.0.1-SNAPSHOT.war 2>&1 >> log.txt &
```

#### 5.1- Comando nohup.

O backend será executado em plano de fundo então não será imprimida nada na tela, após executar o comando aguarde cerca de um minuto para o backend começar a funcionar, depois teste para ver se está tudo funcionando corretamente.

```
root@CLQUALEXBRASIL~  
Microsoft Windows [versão 10.0.19044.1826]  
(c) Microsoft Corporation. Todos os direitos reservados.  
  
C:\Users\HP>ssh root@187.84.228.181  
root@187.84.228.181's password:  
Permission denied, please try again.  
root@187.84.228.181's password:  
Last failed login: Mon Aug 8 16:12:49 -03 2022 from 186.249.156.37 on ssh:notty  
There were 3556 failed login attempts since the last successful login.  
Last login: Fri Aug 5 14:05:57 2022 from 186.249.152.231  
[root@CLQUALEXBRASIL ~]# ps -ef|grep java  
cpnals+ 2026      1  0 Aug03 ?        00:29:04 /usr/lib/jvm/jre-1.8.0/bin/java -server -Xms512m -Xmx512m -XX:+UseG1GC -XX:+PerfDisableSharedMem -XX:+ParallelRefProcE  
nabled -XX:MaxGCPauseMillis=250 -XX:+UseLargePages -XX:+AlwaysPreTouch -XX:+ExplicitGCInvokesConcurrent -verbose:gc -XX:+PrintHeapAtGC -XX:+PrintGCDetails -XX:+PrintGC  
ateStamps -XX:+PrintGCTimeStamps -XX:+PrintTenuringDistribution -XX:+PrintGCApplicationStoppedTime -Xloggc:/home/cpanelсолr/server/logs/solr_gc.log -XX:+UseGCLogFileRot  
ation -XX:NumberOfGCLogFiles=9 -XX:GCLogFileSize=20M -Dsolr.jetty.inetaccess.includes= -Dsolr.jetty.inetaccess.excludes= -Dsolr.log.dir=/home/cpanelсолr/server/logs -Dj  
etty.port=8984 -DSTOP.PORT=7984 -Dhost=127.0.0.1 -Duser.timezone=UTC -XX:-OmitStackTraceInFastThrow -XX:OnOutOfMemoryError=/home/cpanelсолr/bin/oom_solr.sh 8984 /home/c  
panelсолr/server/logs -Djetty.home=/home/cpanelсолr/server -Dsolr.solr.home=/home/cpanelсолr/server/solr -Dsolr.data.home= -Dsolr.install.dir=/home/cpanelсолr -Dsolr.de  
fault.confdir=/home/cpanelсолr/server/solr/configsets/_default/conf -Dlog4j2.formatMsgNoLookups=true -Xss256k -Dsolr.autoSoftCommit.maxTime=3000 -Dsolr.log.muteconsole  
-jar start.jar --module=http --module=gzip  
root      16383      1  2 Aug03 ?        03:19:40 /usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.el7_9.x86_64/bin/java -jar FunImageApi2-0.0.1-SNAPSHOT.war  
root      78368      0 16:13 pts/0    00:00:00 grep --color=auto java  
[root@CLQUALEXBRASIL ~]# kill -9 16383  
[root@CLQUALEXBRASIL ~]# nohup /usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.el7_9.x86_64/bin/java -jar FunImageApi2-0.0.1-SNAPSHOT.war 2>&1 >> log.txt &  
[1] 78509  
[root@CLQUALEXBRASIL ~]# nohup: ignoring input and redirecting stderr to stdout
```

5.1- Backend rodando com sucesso.