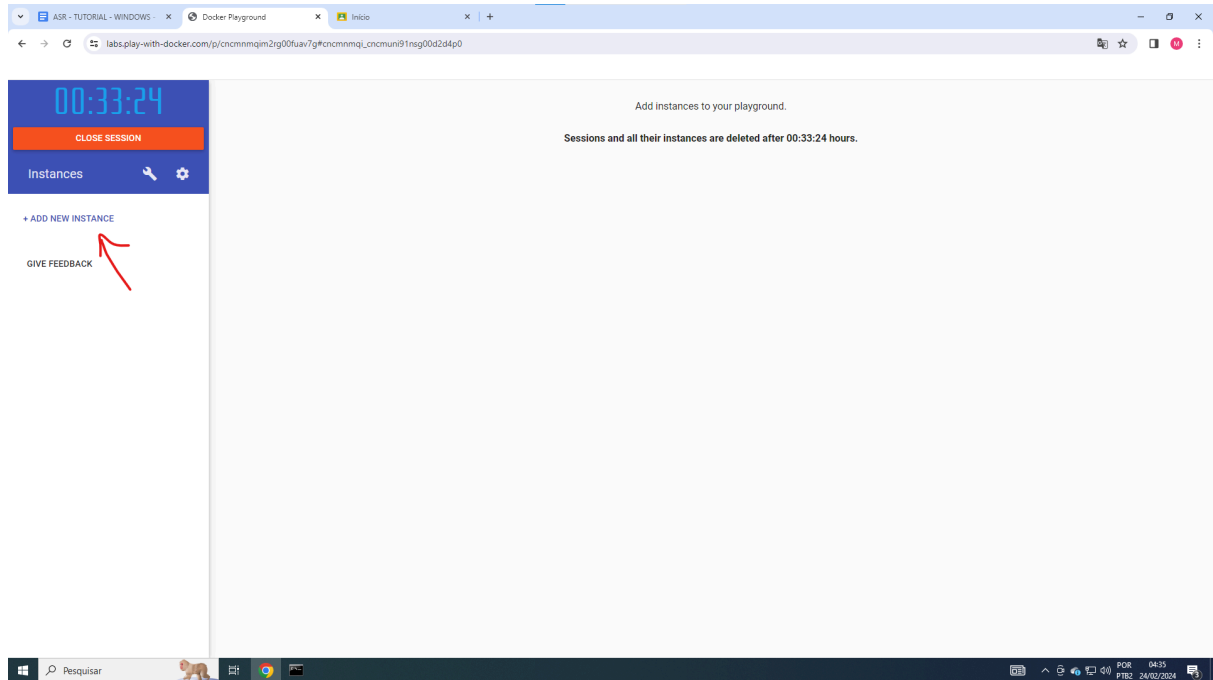
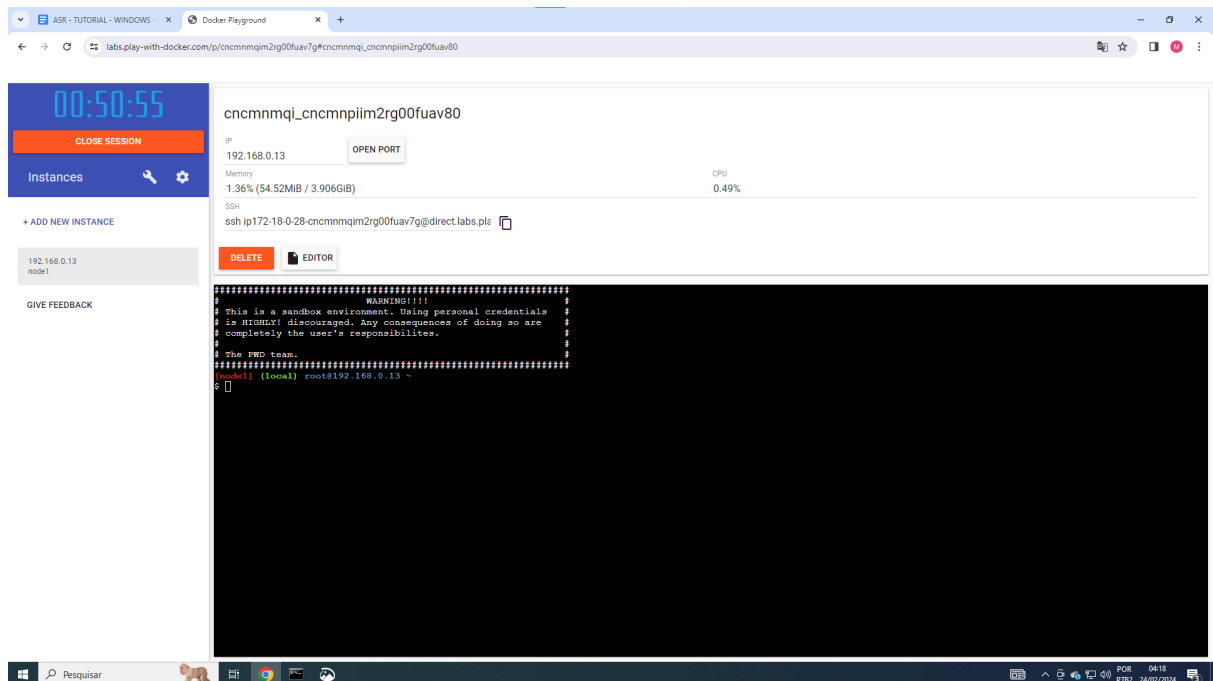


PRIMEIRO PASSO

ABRA O PLAY WITH DOCKER EM SEU NAVEGADOR E APERTE NA OPÇÃO ADD NEW INSTANCE




LOGO EM SEGUIDA, APARECERÁ A SEGUINTE TELA



SEGUNDO PASSO

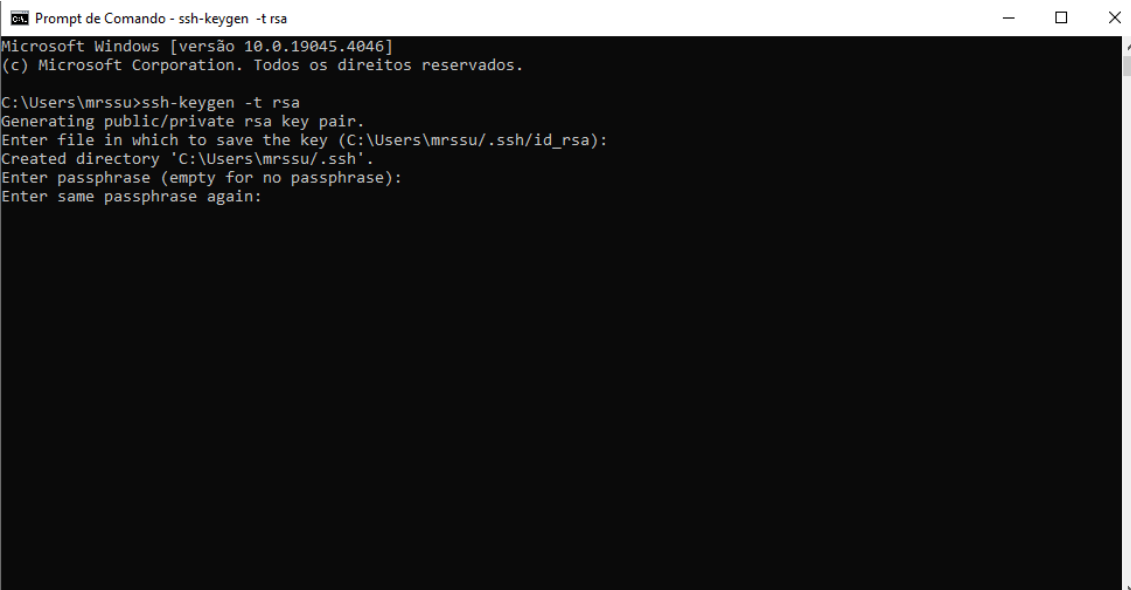
ABRA O PROMPT DE COMANDO E DIGITE “ssh-keygen -t rsa” PARA CRIAR SUAS CHAVES PÚBLICA E PRIVADA (SERÃO ARMAZENADAS EM ~/.ssh/id_rsa.pub e ~/.ssh/id_rsa)



```
C:\Windows\system32\cmd.exe - ssh-keygen -t rsa
Microsoft Windows [versão 10.0.19045.4046]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\Alunos>ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (C:\Users\Alunos\.ssh\id_rsa):
```

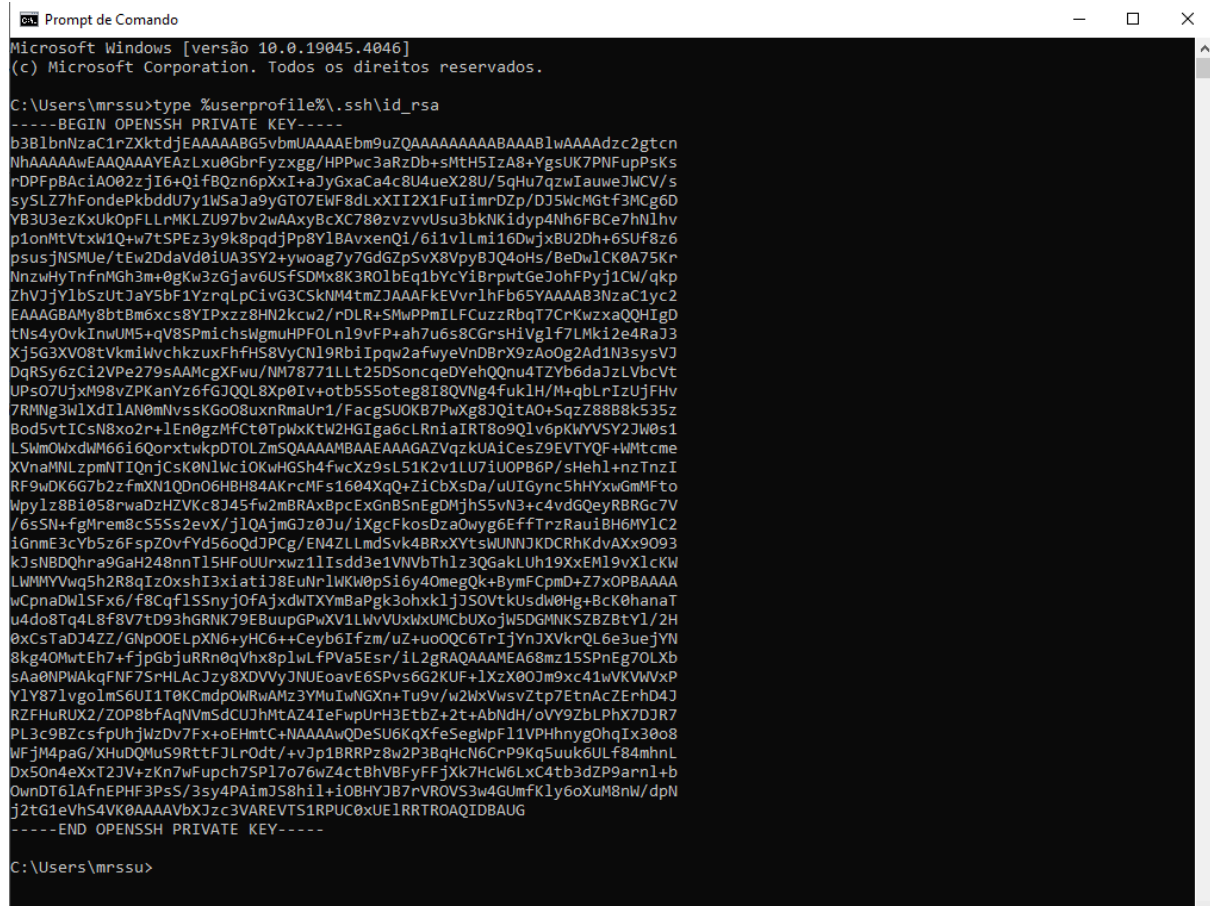
EM SEGUIDA, APERTE ENTER TRÊS VEZES (PARA CRIAR O DIRETÓRIO E CRIAR UMA SENHA VAZIA)



```
Prompt de Comando - ssh-keygen -t rsa
Microsoft Windows [versão 10.0.19045.4046]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\mrssu>ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (C:\Users\mrssu\.ssh\id_rsa):
Created directory 'C:\Users\mrssu\.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
```

USE O COMANDO “**type %userprofile%\ssh\id_rsa**” PARA VISUALIZAR A CHAVE PRIVADA

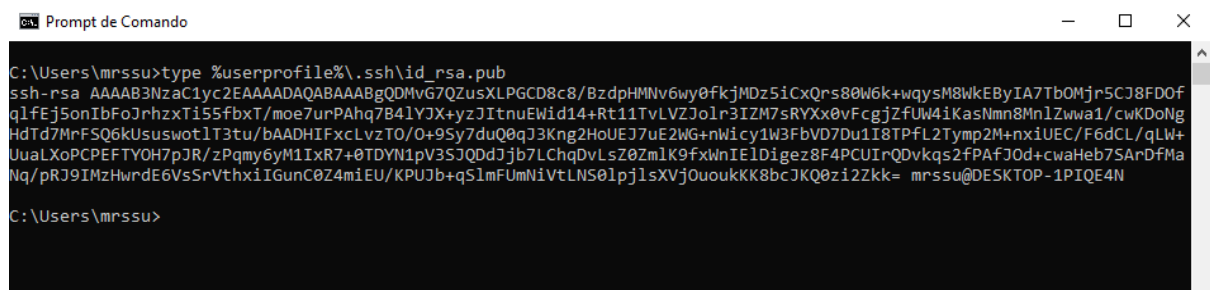


```
Prompt de Comando
Microsoft Windows [versão 10.0.19045.4046]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\mrssu>type %userprofile%\ssh\id_rsa
-----BEGIN OPENSSH PRIVATE KEY-----
b3B1bnNzaC1rZXktZjEAAAABG5vbmUAAAABbm9uZQAAAAAAAAABAAAAADzc2gtcn
NhAAAAAwEAAQAAAYEAzLxu0GbrFyzxgg/HPpwc3aRzDb+sMtH5IzA8+YgsUK7PNFupPsKs
rDPFpBAciA002zjI6+QifBQzn6pXxi+aJyGxaCa4c8U4ueX28U/5qHu7qzwIauweJWCv/s
sySLZ7hFondePkbddU7y1WSaJa9yGTO7EWF8dLxII2X1FuImrDZp/DJ5wcMGtf3MCg6D
YB3U3ezKxUkOpFLLMKLU97bv2wAAxy8cXC780zvzvU3bKNIIdyp4Nh6FBCe7hN1hv
p1onMtVtxh1Q+w7tSPFz3y9k8pqdjPp8Y1BAvxenQi/6i1v1Lm16DwjxBU2Dh+6SUF8z6
psusjNSMUE/tEw2DdaVd0iUA3SY2+ywoag7y7GdGZpSvX8Vpy8JQ4oHs/BeDwLCK0A75Kr
NnzWHyTnfnMGh3m+0gKw3zGjav6USfSDMx8K3R01bEq1bYcYi8rpwtGeJohFPyj1CW/qkp
ZhvJyJ1bSzt3JaY5bf1YzrqLpCivG3CSKMM4tmZAAAFkEVvr1hFb65YAAAAB3NzaC1yc2
EAAAQBAgMy8bt8m6xcs8YIPxz8HN2kcw2/rDLR+SMwPPmILFCuzzRbqT7CrKwzxaQQHIGd
tNs4Y0vkInwUM5+qV8SPmichsgmuHPFOLn19vFP+ah7u6s8CGrsHiVg1f7LMki2e4RaJ3
Xj5G3XV08tVkm1vchzkuxFhFHS8VyCN19RbiIppqw2afwyevnDbrX9zAoQ2Ad1N3sysVJ
DqRSy6zCi2VPe279sAAmCgXfwu/NM78771LLt25D5oncqDyehQ0nu4TZyB6daJzLVbcVt
UPs07Ujxm98vZPKanYz6fGJQQL8Xp0Iv+otb555oteg8I8QVNg4fuk1H/M+qblRtZUjFHv
7RMNg3W1XdI1AN0mNvssKGo08uxnRmaUr1/FacgSUOKB7PwXg8JQitA0+Sqz2888B8535z
Bod5vtICsN8xo2r+1En0gzMfCt0TpWxKtW2HGIGA6cLRniaIRT8o9Q1v6pKWVYSY2JW0s1
LSWm0WxdWM66i6QorxtwkpdTOLZm5QAAAAMBAEAAAGAZVqzkUAiCesZ9EVTYQF+WMTcme
XVnaMNLzpmNTTQnjCsK0N1WciOKwHGS4fwcXz9sL51K2v1LU7iU0P86P/sHehl+nzTnzI
RF9wDK6G7b2zfmXN1QDn06HBH84AKrcMFs1604XqQ+ZiCbXsDa/uUIGync5hHYxwGmMFto
Wpy1z8B1058rwaBzHVkC8J45fw2mBRAXBpcExGnB8N5EgDMjh5V5N3+c4vdGQeyRBRGc7V
/6sSN+fgMrem8C55S2evX/j1QAjmgJz0Ju/iXgcFkosDza0wyg6EfffTrzRauIBH6MY1C2
iGnmE3cYb5z6FspZ0vfyd56oQdJPCg/EN4ZLmDsvk4BRxXYtSWUNNJKDCRKhKdvAXx9093
kJSN8DQhna9GaH248nnT15HFoUUrXwz1lIsdd3e1VNVbTh1z3QGakLUh19XxEM19vX1cKW
LWMVYVwG5h2R8qIzOxshI3xiatiJ8EuNr1WKW0pSi6y40megQk+BymFCpmD+Z7xOPBAAAA
wCpnaDwLSFx6/f8Cqf1S5nyj0fAjxdWTXymBaPgk3ohxk1jJ5OvtKusdw0Hg+BcK0hanaT
u4do8Tq4L8f8V7tD93hGRNK79EBuupGPwXV1LwVvUxwxUMCbUxoJw5DGMNK5ZBZBTY1/2H
0xCsTdAD34ZZ/GnPOOE1pXN6+yHC6++Ceyb6Ifzm/uZ+uo0QC6TrJjYnJXVkrQL6e3uejYN
8kg40MwtEH7+fjPgbjuRRn0qVhx8p1wLFPVa5Esr/iL2gRAQAAAMEA68mz15SPnEg7OLXb
sAa0NPWakqFNF75+HLAcJzy8XDVVYJNUe0avE6SPvs6G2KUF+1XzX00Im9xc41wVKWwVxP
Y1Y871vgolm56UI1T0KCmdpOWRwAMz3YMuIwNGXn+Tu9v/w2WxVwsvZtp7EtnAcZErhD4J
RZFHuRUx2/ZOP8bfaQNVmsdCUjHmtAZ4IEFwpUrH3EtbZ+2t+AbNdH/oVY9ZbLPhX7DJR7
PL3c9BZcsfPhUjWzDv7Fx+oEHmtC+NAAAawQDeSU6KqXFeSegWpF11VPHnhyg0hqIX30o8
wFjMpaq/XHuDQMuS9RttfJLrOdt/+vJp1BRRPz8w2P3BqHcN6CrP9Kq5uuk6ULf84mhnL
Dx5On4eXtI2Jv+zKn7wFupch7SP17o76wZ4ct8hVBFyFfjXk7HcW6LxC4tb3dZP9arn1+b
OwndT61AfneEPHF3Ps5/3sy4PAimJS8hil+iOBHYJB7rVROVS3w4GUmFKy6oXuM8nw/dpn
j2tG1eVhS4VK0AAAABvXzc3VAREVTS1RPUC0xUE1RRTR0AQIDBAUG
-----END OPENSSH PRIVATE KEY-----

C:\Users\mrssu>
```

USE O COMANDO “**type %userprofile%\ssh\id_rsa.pub**” PARA VISUALIZAR A CHAVE PÚBLICA



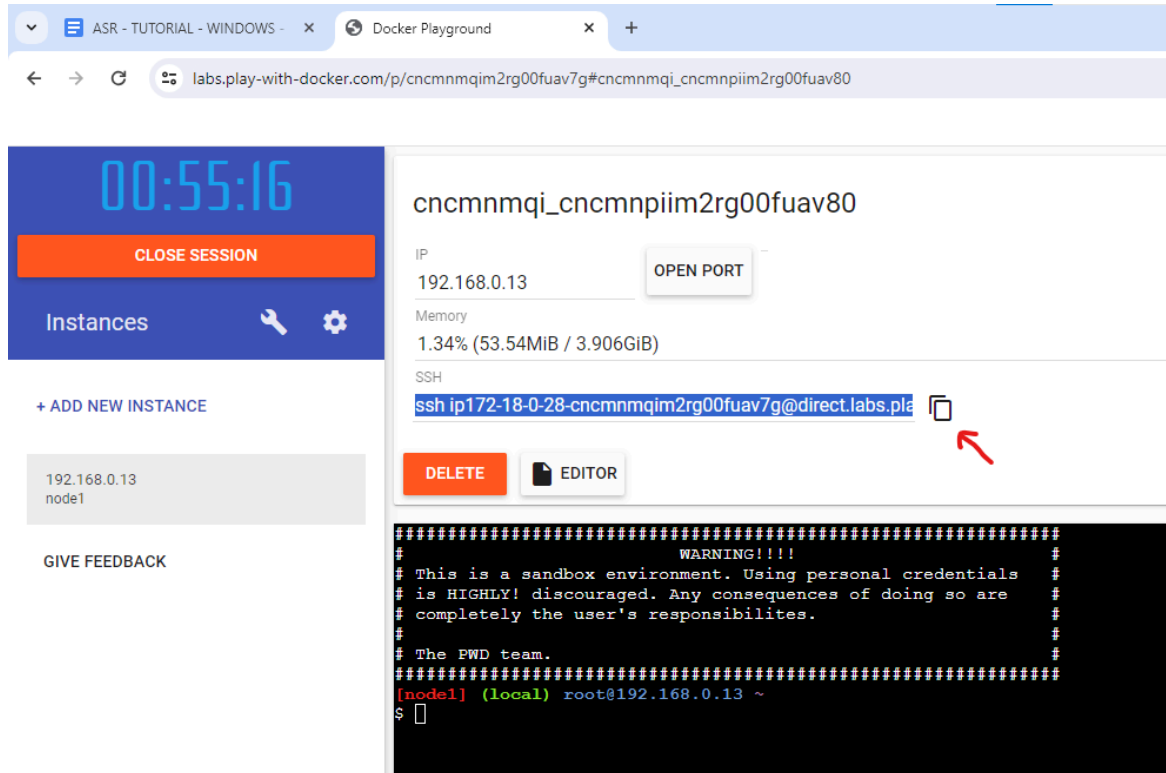
```
Prompt de Comando

C:\Users\mrssu>type %userprofile%\ssh\id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDmV67QZusXLPgCD8c8/BzdpHMNV6wy0fkjMDZ5iCxQrs80W6k+wqysM8WkEByIA7TbOMjnr5CJ8FDOf
qlfEj5onIbFoJrhztI55FbxT/moe7urPAhq7B4lYJX+yzJItnuEwid14+Rt11TvLVZJo1r3IZM7sRYXx0vFcgjZfUW4iKasNmn8Mn1Zwaa1/cwKDoNg
Hdtd7MrFSQ6kUsuswotl13tu/bAADHIFxcLvzTO/O+9Sy7duQ0qJ3Kng2HoUEJ7uE2WG+nWicy1W3FbVD7Du1I8TPfL2Tym2M+nxIUeC/F6dCL/qLW+
UuaLXoPCPEFTYOH7pJR/zPqmy6yM1IxR7+0TDYn1pV3SJDQdJjb7LChqDvLSZ0ZmlK9fxwnIE1Digez8F4PCUIrQDvkqs2fPAfJ0d+cwaHeb7SARdFma
Nq/pRJ9TmZHWrdE6VsSrVthxiIGunc0Z4miEU/KPUJb+qS1mfUmNiVtLNS01pjlsXVj0uoukKK8bcJKQ0zi2Zkk= mrssu@DESKTOP-1PIQE4N

C:\Users\mrssu>
```

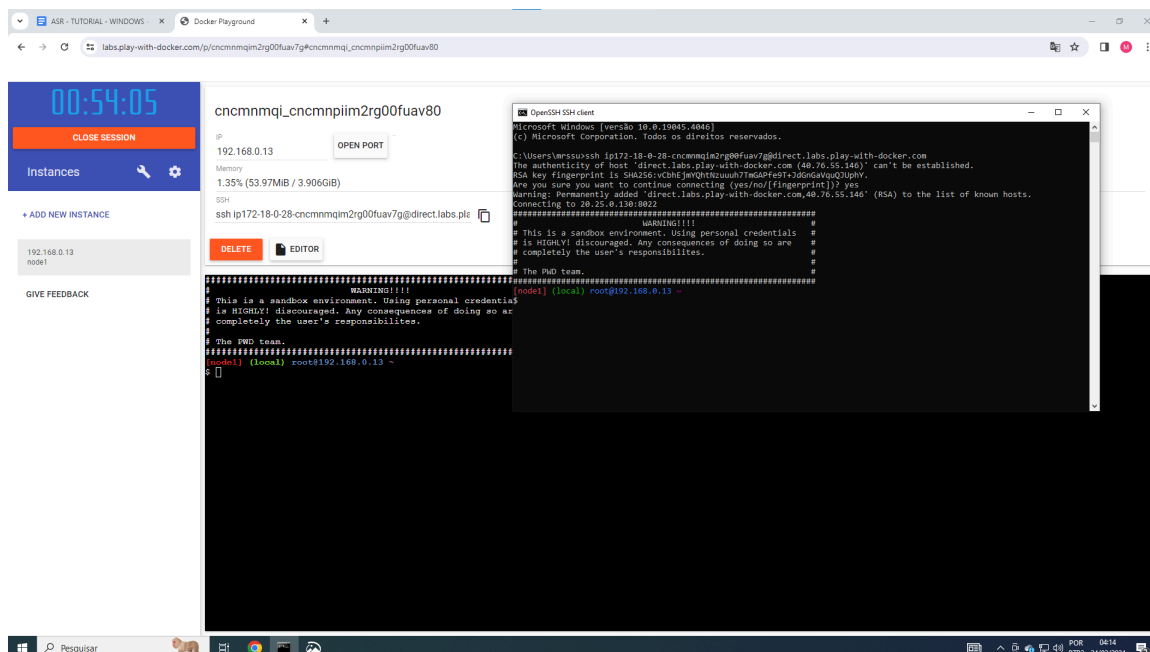
TERCEIRO PASSO

COPIE DO PLAY WITH DOCKER O CÓDIGO SSH E COLE NO PROMPT DE COMANDO DO WINDOWS



The screenshot shows the Docker Playground interface. On the left, there's a sidebar with a timer at 00:55:16, a 'CLOSE SESSION' button, and a list of instances. One instance is listed with IP 192.168.0.13 and name 'node1'. Below the list is a 'GIVE FEEDBACK' button. The main area shows details for the instance 'cncmnmqi_cncmnpim2rg00fuav80'. It displays the IP 192.168.0.13, memory usage (1.34% / 53.54MiB / 3.906GiB), and the SSH command: `ssh ip172-18-0-28-cncmnmqi2rg00fuav7g@direct.labs.pla`. A red arrow points to a copy icon next to the SSH command. Below the details are 'DELETE' and 'EDITOR' buttons. At the bottom, there's a terminal window showing a warning message and the prompt `[node1] (local) root@192.168.0.13 ~`.

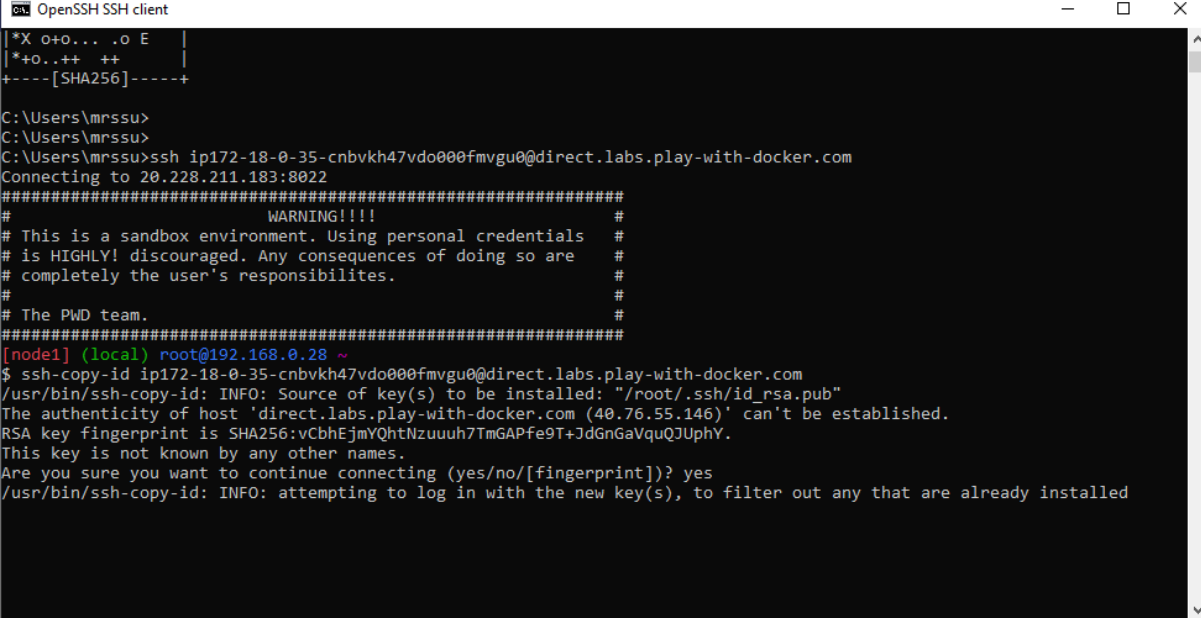
PRONTO, SUAS CHAVES FORAM CRIADAS E VOCÊ ESTÁ CONECTADO AO SERVER



This screenshot shows the Docker Playground interface with a Windows SSH client window open. The Docker Playground interface is similar to the previous one, but the timer is at 00:54:05. The SSH client window is titled 'OpenSSH SSH client' and shows the command prompt with the command `C:\Users\versu>ssh ip172-18-0-28-cncmnmqi2rg00fuav7g@direct.labs.play-with-docker.com`. The output shows the connection process, including the warning message and the prompt `[node1] (local) root@192.168.0.13 ~`. The Docker Playground interface also shows the same instance details and terminal window as before.

QUARTO PASSO

USE O COMANDO “**ssh-copy-id**” NO PROMPT DO WINDOWS PARA COPIAR DE FORMA SEGURA A CHAVE PÚBLICA PARA O ARQUIVO DO SERVIDOR REMOTO



```
OpenSSH SSH client
|*X o+o... .o E |
|*+o...++ ++ |
+----[SHA256]-----+

C:\Users\mrssu>
C:\Users\mrssu>
C:\Users\mrssu>ssh ip172-18-0-35-cnbnkh47vdo000fmvgu0@direct.labs.play-with-docker.com
Connecting to 20.228.211.183:8022
#####
#                               #
#   WARNING!!!                 #
# This is a sandbox environment. Using personal credentials   #
# is HIGHLY! discouraged. Any consequences of doing so are   #
# completely the user's responsibilities.                     #
#                                                             #
# The PWD team.                                                #
#####
[node1] (local) root@192.168.0.28 ~
$ ssh-copy-id ip172-18-0-35-cnbnkh47vdo000fmvgu0@direct.labs.play-with-docker.com
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
The authenticity of host 'direct.labs.play-with-docker.com (40.76.55.146)' can't be established.
RSA key fingerprint is SHA256:vCbhEjmYQhtNzuiuuh7TmGAPfe9T+JdGnGaVquQJUphY.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
```