
Descripción

Descomprima este archivo y busque la bandera.

- [Descargar archivo zip](#)

**** ¿Cómo resolverlo?**

Lo primero que tenemos que hacer es descargar nuestro archivo en nuestra shell, así que utilizaremos el comando 'wget' seguido de la url que encontramos en la descripción.

```
(kali@kali)-[~]
└─$ wget https://artifacts.picoctf.net/c/503/big-zip-files.zip
--2023-09-03 01:14:20-- https://artifacts.picoctf.net/c/503/big-zip-files.zip
Resolving artifacts.picoctf.net (artifacts.picoctf.net)... 3.161.55.61, 3.161.55.64, 3.161.55.26, ...
Connecting to artifacts.picoctf.net (artifacts.picoctf.net)|3.161.55.61|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3182988 (3.0M) [application/octet-stream]
Saving to: 'big-zip-files.zip'

big-zip-files.zip           100%[=====] 3.04M  6.10MB/s  in 0.5s
2023-09-03 01:14:21 (6.10 MB/s) - 'big-zip-files.zip' saved [3182988/3182988]
```

Nuestro archivo se descargo con el nombre de 'big-zip-files.zip' así que utilizaremos el comando 'file' seguido del nombre del archivo que acabamos de descargar para saber de que tipo de archivo se trata, utilizaremos la siguiente sintaxis 'file big-zip-files.zip', después vamos a descomprimir el archivo utilizando el comando 'unzip' seguido del nombre del archivo.

```

(kali@kali)-[~]
$ file big-zip-files.zip
big-zip-files.zip: Zip archive data, at least v1.0 to extract, compression method=store

(kali@kali)-[~]
$ unzip big-zip-files.zip
Archive:  big-zip-files.zip
  creating: big-zip-files/
 extracting: big-zip-files/jpvaawkrpno.txt
 inflating: big-zip-files/oxbcyjsy.txt
 inflating: big-zip-files/hllhxlvdgiii.txt
 inflating: big-zip-files/bdvnqbuutefealgveyiqd.txt
 inflating: big-zip-files/fudfsewmaafsbniiyktzr.txt
   creating: big-zip-files/folder_fqmtuthge/
 inflating: big-zip-files/folder_fqmtuthge/file_eaigogtrdsbxbenbnfisxepj.txt
 inflating: big-zip-files/folder_fqmtuthge/file_ygocxgpzuxqjwfs.txt
 inflating: big-zip-files/folder_fqmtuthge/file_lqqprxhjtarithwygepdnlf.txt
 inflating: big-zip-files/folder_fqmtuthge/file_pdpvgeaphbafepdzw.txt
 inflating: big-zip-files/folder_fqmtuthge/file_wwxeisxucykwtkgcrkv.txt
 inflating: big-zip-files/folder_fqmtuthge/file_aowfebnypzsretakipi.txt
 inflating: big-zip-files/folder_fqmtuthge/file_jlfivzrgcubr.txt
 inflating: big-zip-files/folder_fqmtuthge/file_pnwvfhejwcqseezvmdv.txt
 inflating: big-zip-files/folder_fqmtuthge/file_lajnafrfzk.txt
 inflating: big-zip-files/folder_fqmtuthge/file_zqjgjdogn.txt
   creating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_ijoohrldnvlouiak.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_killpqhviqfap.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_hwenfgbvlstutpzap.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_zkjkxnsrlrgiqbqhwsfms.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_lmptznpgvygegy.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_nrcepuoopamysxstrnwf.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_cphxqvro.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_zwqgrfamcujobfh.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_sldobvmdlygz.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_xpnrbsekyinkrfncbw.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_rmdklobror.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_bdazgqyoix.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_yccpencsrrp.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/file_ryxcvlndxgopfxo.txt
   creating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/qqrccqzcvcsehhgxclohd.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/irxocrbh.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/ccyflkelpv.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/file_ovqmuwzrx.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/file_glkltztjdrusbwaomjmh.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/file_bdhduinipkyrudaswflndk.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/file_lxgylpjmyxjwnxhhsakgojng.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/msjdhcwacvdosw.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/tbudjcjjuz.txt
 inflating: big-zip-files/folder_fqmtuthge/folder_woanzvubrt/folder_kvderztkww/file_czjojcwozpyn.txt

```

Como puedes observar encontramos una gran cantidad de archivos, necesitamos encontrar los archivos dentro del directorio, así que utilizaremos el comando 'cd' seguido del nombre de nuestro archivo que acabamos de descomprimir, la sintaxis seria la siguiente 'cd big-zip-files', después utilizaremos el comando 'ls' para listar todos los directorios dentro de nuestro archivo.

```
(kali@kali)-[~]
$ cd big-zip-files

(kali@kali)-[~/big-zip-files]
$ ls
acurqdgqyoi.txt dsksrurno.txt folder_oujhxaidup hoknooruxubdzldlmdmrxp.txt mdapxsgbre.txt qpxlajdvcvchgbyioy.txt vpepgzfoyasata.txt
aewchyouxkugpjtn.txt dsrkerhwinzdzbnfqf.txt folder_ovlozrgwts hoqzvctttkbszpdilhm.txt mkpjzioedctmolj.txt qqdflwdsqzlayz.txt vsfkauawtriohuwuy.txt
agkacbvobe.txt dszregukiaaogvgezvudu.txt folder_ouvezqltve hoqzukaotzpzxdxy.txt mkythgmedcj.txt qzcmhjnfnahfsovsythz.txt vscossawczsiosvdds.txt
agnofjntwartgjqz.txt dwnfftgci.txt folder_oxtuxfxiil hqulhlcwkeobxupzjw.txt mkyhrzdcnsnwgdpmpugftz.txt qrvfpaupaplfzongmetux.txt vsvfxcfpvubrd.txt
ahgkzymiyublyejnusurp.txt dzhwmfpxdcfjhnhaz.txt folder_pmbymkjcyca folder_psdzdgflqc mlsobsewhehpollqccqg.txt qskjuskuehbgigic.txt vsvldkyvnsghpsv.txt
ahtchospspjpvzeny.txt dzvzlxuuzv.txt folder_ptzramcbtjz hulepsmrgrwxyuac.txt mlfwsatkwra.txt qtkztgnqk.txt vxlkusqrjhs.txt
ajoeqvsmylgart.txt dzvepuhreczbpilfpick.txt folder_ptzramcbtjz hurelfscaplaustabkv.txt mnffkxcccikzqfebh.txt qutpdddtqzvhdmweb.txt vzrhsvjknfnbvznjbpciuak.txt
aknsuvjegtntkghfhabjz.txt ebdrdksmsojnv.txt folder_qhscuikody huyesnmjllimwbk.txt mmedicbqadbbegu.txt qxfrtkqaoiczmcmjowjwcbqc.txt wafgtynmhbkjmsn.txt
akqryefdzubsvowkt.txt eeszqfblrykygbr.txt folder_qitlpageli hwszdzehufkjk.txt mpurnvnohzhutjfmui.txt wammyxtelorkvhfiowdenj.txt
akumoaqujccgmpunktwed.txt eegjdrlfkkysawwvel.txt folder_qsvuevsszi hwyllhqc2fuyxszcmhshp.txt msmoladvnzt.txt qzfcymdecnnumvqebicdn.txt wbmuktyigfhr.txt
algncoakafuytiny.txt efdvzcoaz.txt folder_qtpzzufiif hyigflomcwg.txt muejxoonumiwhmek.txt qzhqasnjedflxgtwlifhj.txt wccymzfvediiumha.txt
aljwmmvvl.txt efithepgkcoxdzjrykuztrv.txt folder_qxwksauqs hufvcsfmdnfzpbffz.txt msdfvthnijxbspt.txt ragljzquqg.txt wgxqmqdldjpxne.txt
alygtrmkl.txt efnlnbushbsjz.txt folder_radrnmasd iadfboursuh.txt mntkumdsww.txt rbgbhkrkztzuedgerjgba.txt whstzlejwosej.txt
anhvashbhhnh.txt efnppbodonauexpzegyltmh.txt folder_rasaantnevb iaigrnpwabdslfyfnae.txt mmygugpjpvhesgdj.txt rdqbnhwxkdcgt.txt wiyntotartocyt.txt
anxlkqjxgn.txt egstuchicgzyboexf.txt folder_rjbcnioctq idvnniikwcpwuaavzgvqfn.txt mxbnugmfsuideo.txt reumnfxxspgf.txt wjldtrtkfv.txt
aobmsrfasyiasvrhb.txt ehfmnmnmhmkulm.txt folder_rjvnlyxofr ehappnyuhtwkkutbtsaoa.txt mxnensstayuxpuziqjlpfdo.txt rgxnyqfghyjurcxvp.txt wjpcjnlmorqesvy.txt
aogvypfgcpvux.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aomeecmburjyfyfmgxcwqd.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aopsdaamga.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
apdlkszccepyzceboqubit.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aqewendytqieauv.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aqnmjddidbku.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
arwppmpuvtygpnqmwepwba.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
ashxapvdr.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
atfrbdthndsltqv.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
atwinupqcviv.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aummgzfj.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
auoontbubcogucclmagz.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
avkcdqgugaoag.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
avtwrphn.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
awabflwmxpod.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
awlyccwuqjoangswx.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aymrkudnrjnujxfjd.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
aymzabndeklfhj.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bbvskbbw.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bbymcenesotzxcwvjxhgphs.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bcmqgfrxbtvpvjn.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bckolbxviwaanexbk.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bdcqkadyvga.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bdjdvdjixkzmgphg.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bdvngbuutefealgveiyqd.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
befqfsqhxqnapmbeayfg.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bejjitzrghrj.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bejstfoqucjlj.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
bertubclg.txt ejsurfbfexylyjobjzvnti.txt folder_rzmqryaplj igikhevnqkczkbpkz.txt myjdgwkv.txt rkuuxphufceot.txt wkabdzdslozwnoactzrt.txt
```

Probablemente te asustes con el resultado, ¿Dónde vamos a comenzar a buscar? Esa es la pregunta. Para nuestra suerte el comando 'grep' se utiliza para buscar y filtrar texto dentro de archivos, pero, ¿Cómo vamos a hacer que busque entre directorios y subdirectorios? muy simple solo agregaremos la opción -r (esto indicara que realice una búsqueda recursiva) asi que la sintaxis seria la siguiente *****grep -r 'picoCTF' .**

Te explico lo que hicimos en la sintaxis:

grep: Comando para buscar texto en directorios.

-r : Indica que realice una búsqueda recursiva.

picoCTF: Texto que estamos buscando.

. : Indica que se busque en el directorio en el que estamos actualmente.

```
(kali@kali)-[~/big-zip-files]
$ grep -r 'picoCTF' .
./folder_pmbymkjcyca/folder_cawigcwgwv/folder_ltdayfmktr/folder_fnpclfyee/whzxrpxvpqld.txt:information on the record will last a billion years. Genes and brains and books encode picoCTF{gr3p_15_m4g1c_ef8790dc}

(kali@kali)-[~/big-zip-files]
```

¡Y listo! Aquí encontramos nuestra flag (picoCTF{gr3p_15_m4g1c_ef8790dc}).