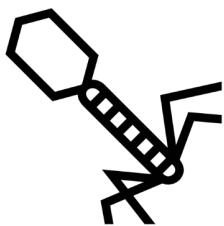


5 

Persistent Malware



COST  8  DMG 

Obfuscated code saved to the
Common Log File System



PIRATES
Port

Take a card from the event
row for free

Signed Driver



COST  10  DMG 

Signed Razer mouse driver
privilege escalation



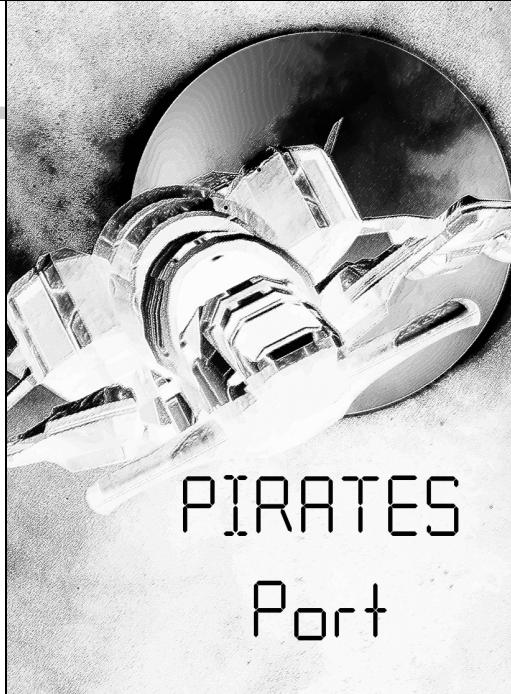
PIRATES
Port

Draw a Card

Browser Plugin



Malicious Chrome extension
supply chain attack

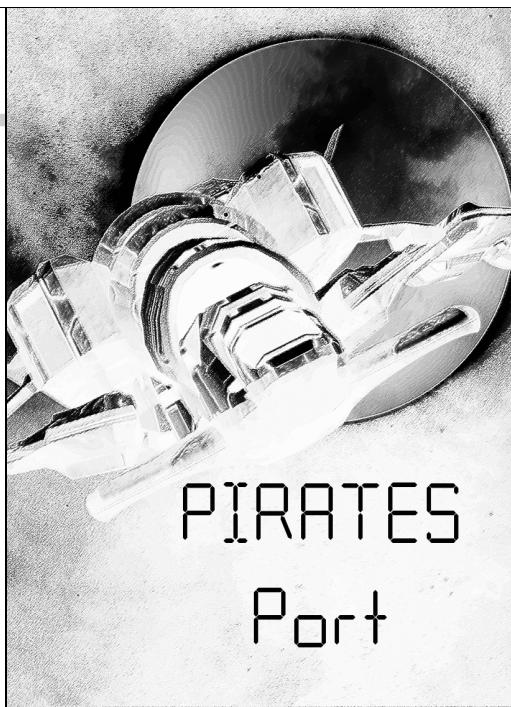


1 Draw a Card

Malicious Driver

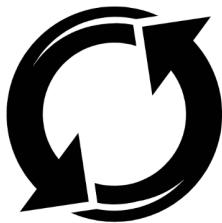


Malicious driver deployed for
keyboard input interception

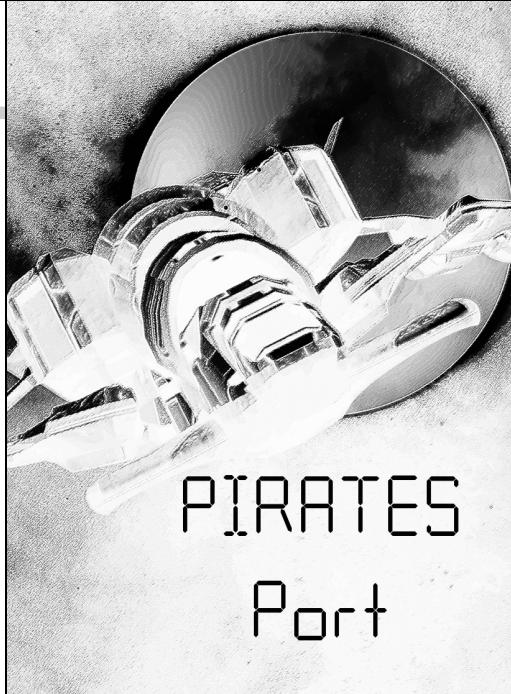


Copy a card in your hand

New Service



Persistence using Windows
service disguised as EDR
update

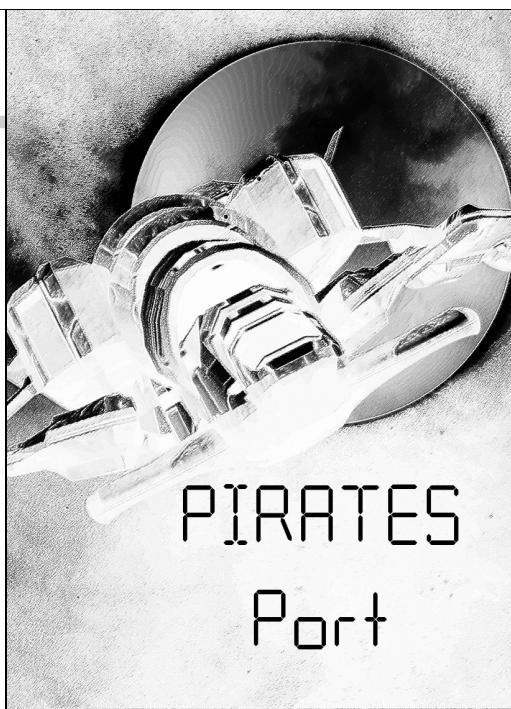


2 Draw a Card

Cloud Bucket



Data exfiltration through
public cloud storage bucket



1

Draw a Card

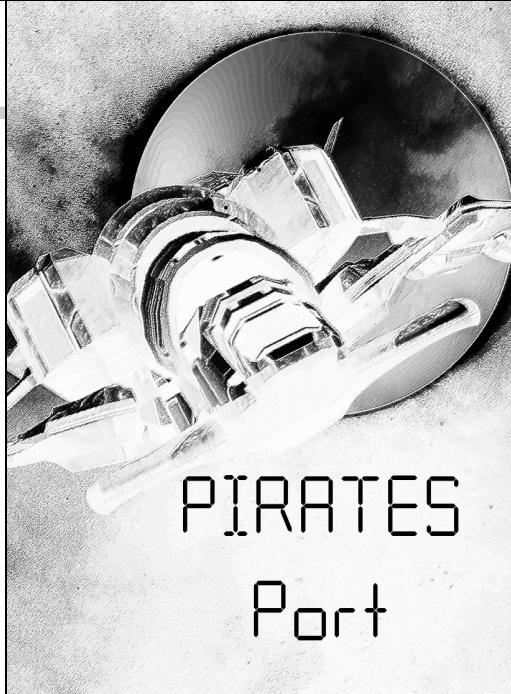
New User Added



COST 4 DMG



New user assetmg created
with administrator access

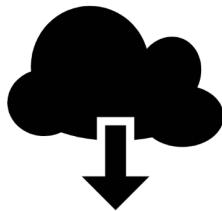


PIRATES
Port

6

Draw a Card

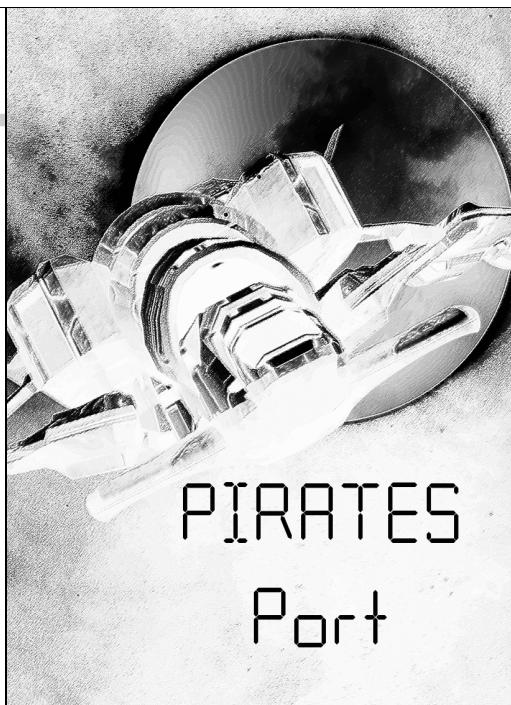
Cloud Metadata



COST 10 DMG



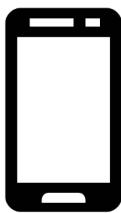
Cloud access through
Instance Metadata Service
exfiltration



PIRATES
Port

5

Multi-Factor Auth.



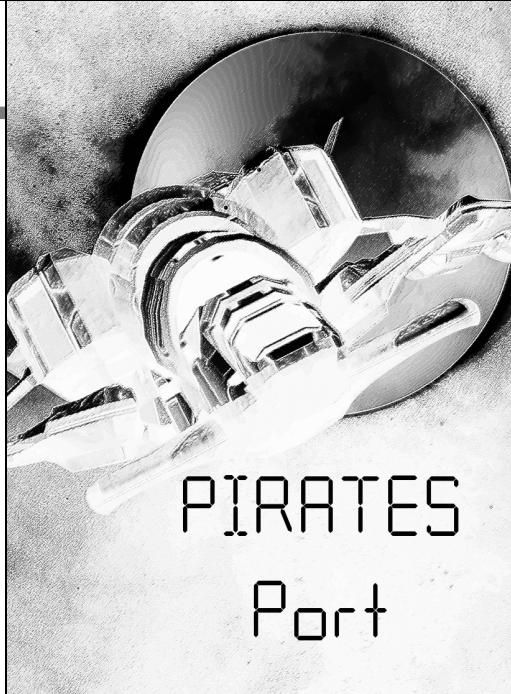
COST

6

MFA use denies attacker
access to application access



DMG 2



Use a card from your discard

Watering Hole



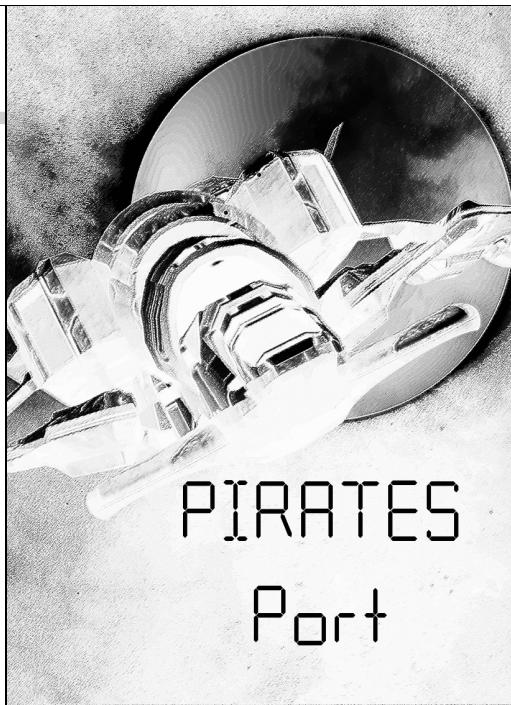
COST

8

DMG 3



Redirected to malicious
website through Facebook
Messenger

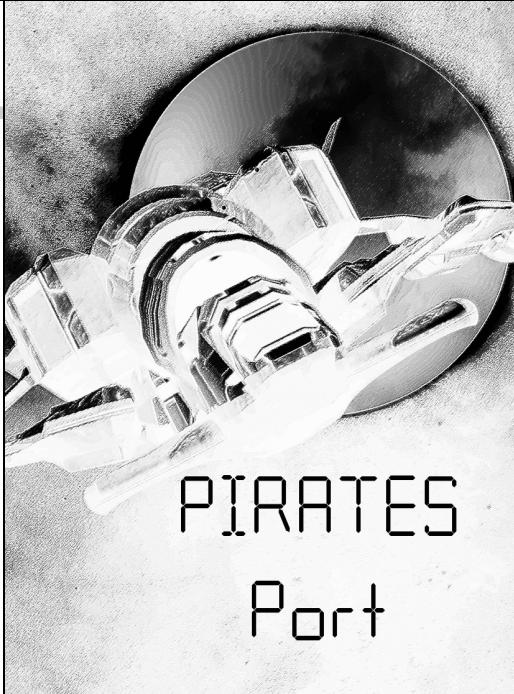


5

Cloud Account



Endpoints compromised
through O365 Ruler payload
delivery

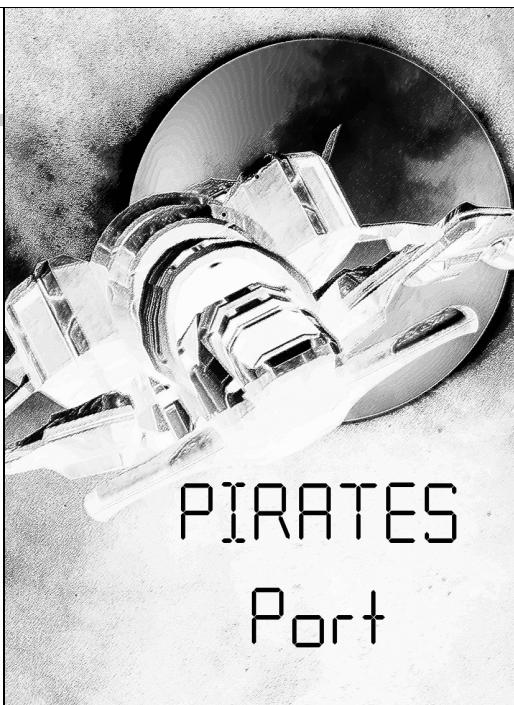


3

Credential Stuffing

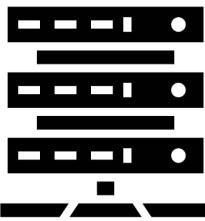


Citrix internal network access
through reused credentials

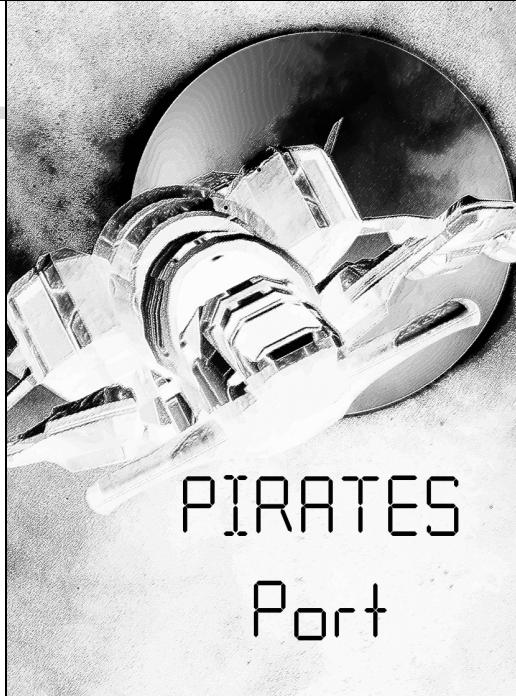


2 🍸

Web Shell



Persistent access to web server with isolated code

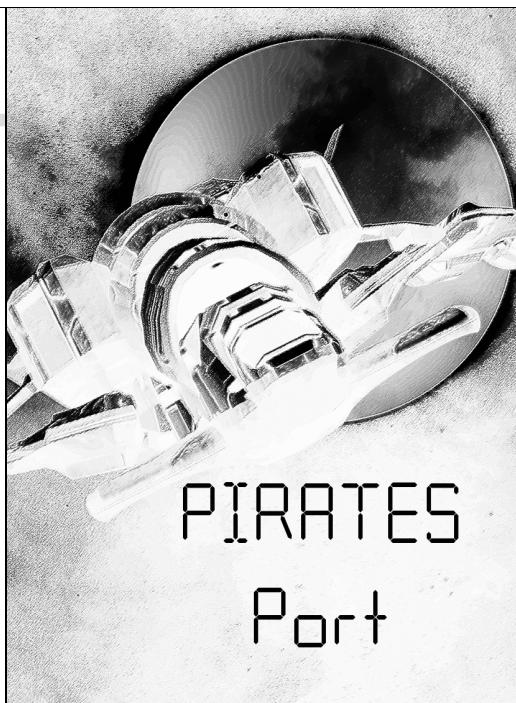


1 🍸

Malicious Kubelet



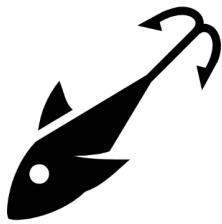
Kubernetes takeover with malicious kubelet deployment



3

Draw a Card

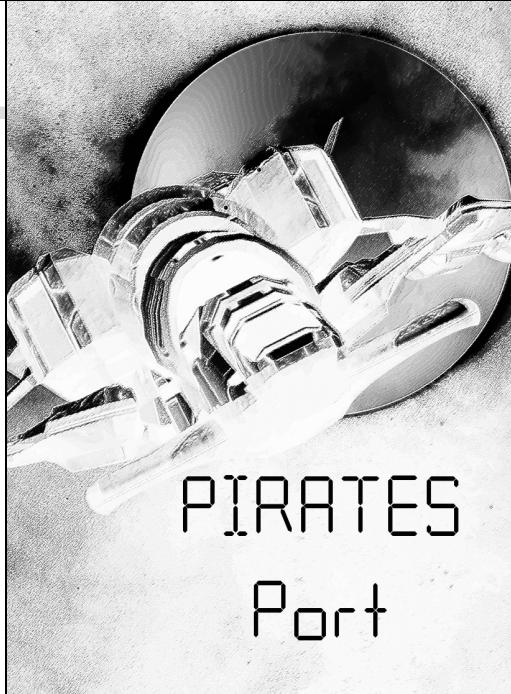
Fake Installer



COST 4 DMG 4



Gain access through a fake installer



Draw a Card

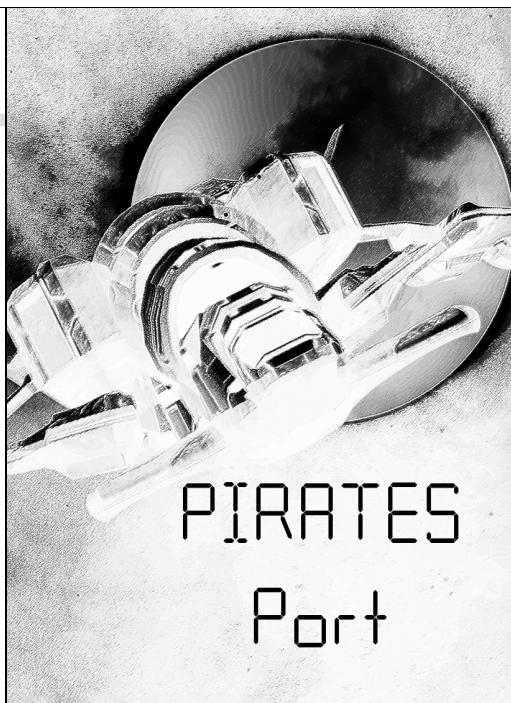
O365 Macro



COST 1 DMG 6



Command execution through O365 Excel document macro



2

Draw a Card

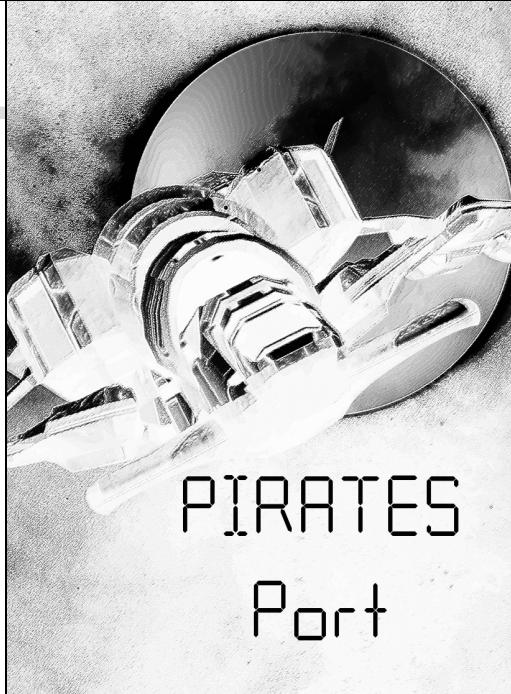
SyScan Reporting



COST
 4

DMG
 3

Malicious PowerShell
invocation detected



PIRATES
Port

4

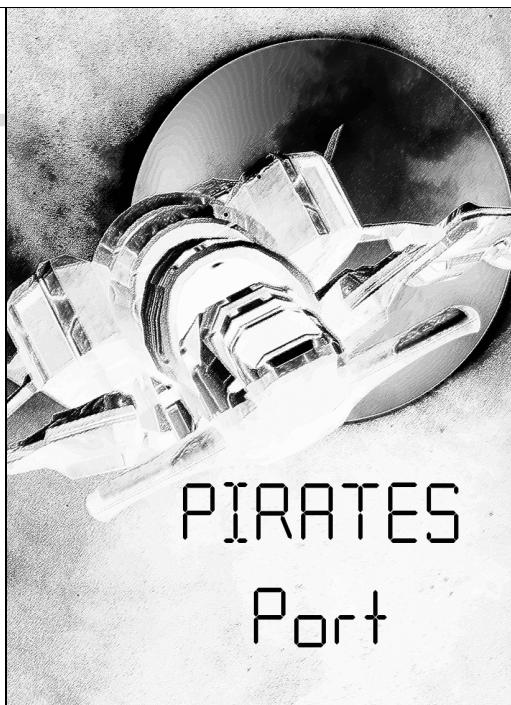
Shadow Copy



COST
 5

DMG
 3

Access protected SAM
database using Volume
Shadow Copy

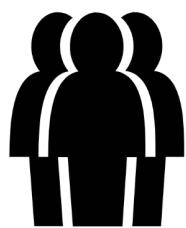


PIRATES
Port

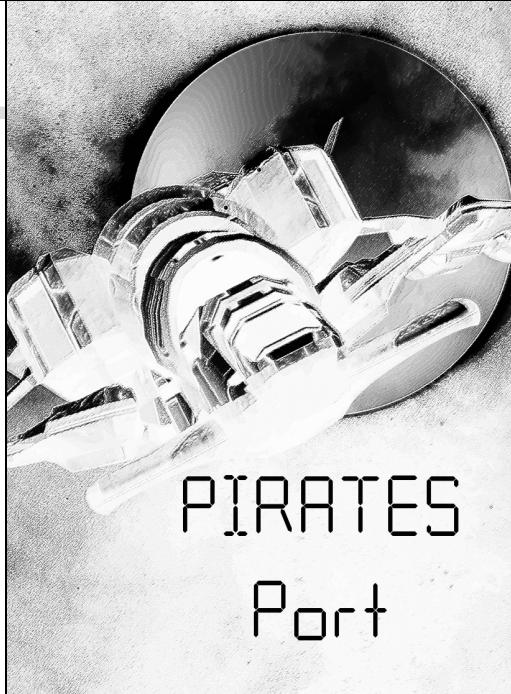
1

Draw a Card

Password Audit



COST 4 DMG 3

DPAT reveals systemic
password selection exposure

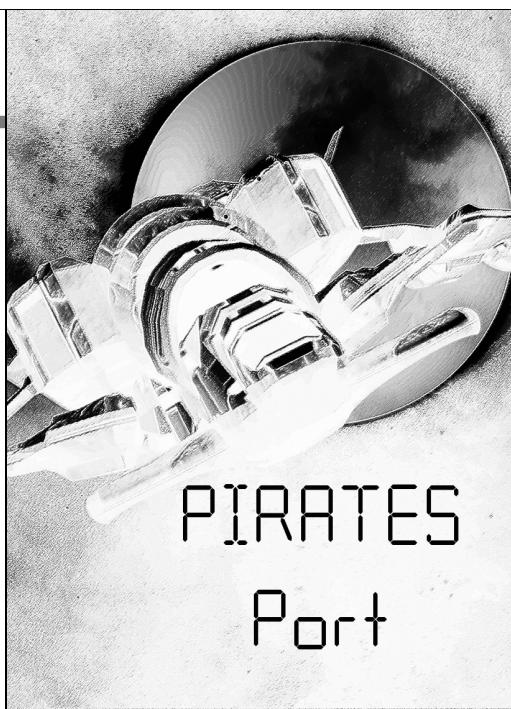
1

Draw a Card

Sinkhole Domain



COST 2 DMG 5

Malicious activity identified
through a sinkhole DNS
response

2

Log Analysis



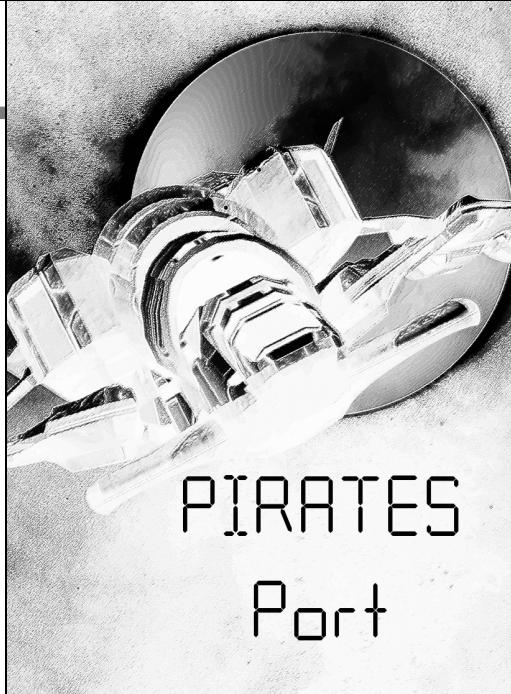
COST

1

DMG 5



SIEM logging analysis
identifies APT activity



2

Draw a Card

Endpoint Detection



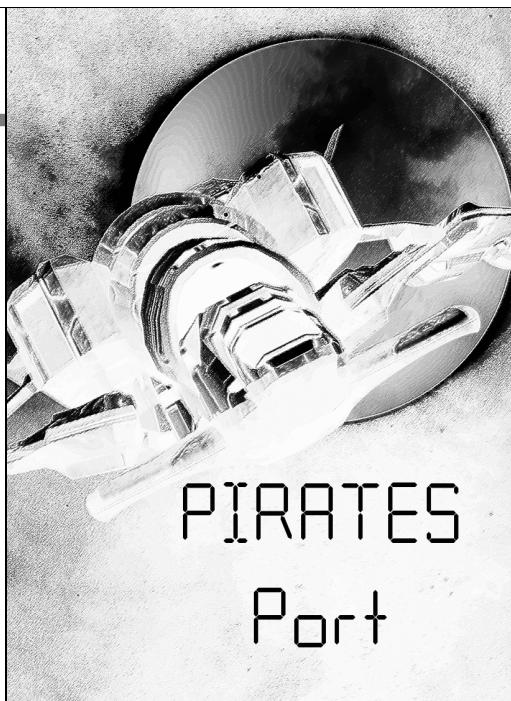
COST

3

DMG 4



EDR identifies program
execution blocked by safe list



4

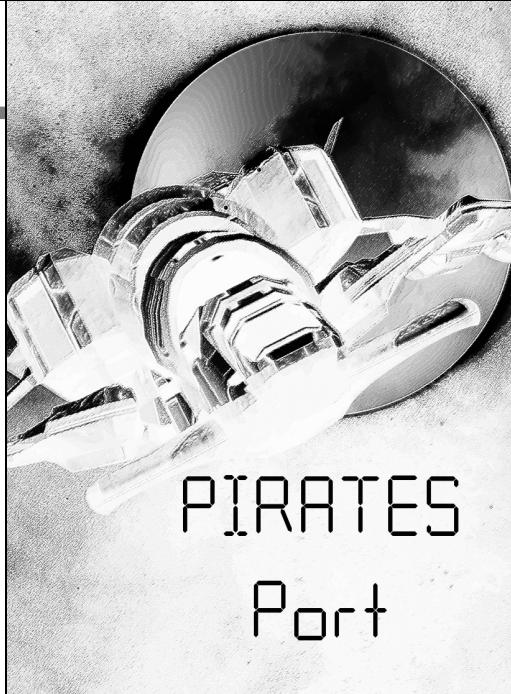
User Behavior



COST 5 DMG 3



UEBA suspends cmd.exe
process launched from
LSASS



6

Draw a Card

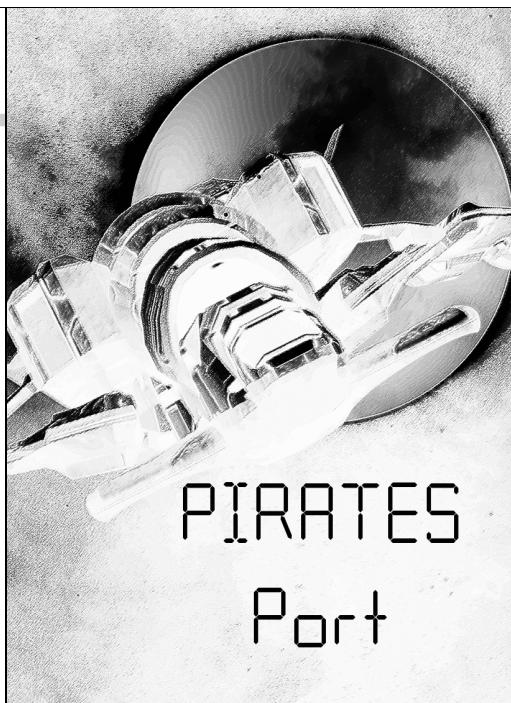
MFA Bypass



COST 10 DMG 1



Office 365 MFA bypass using
named location access



5

Zero Trust



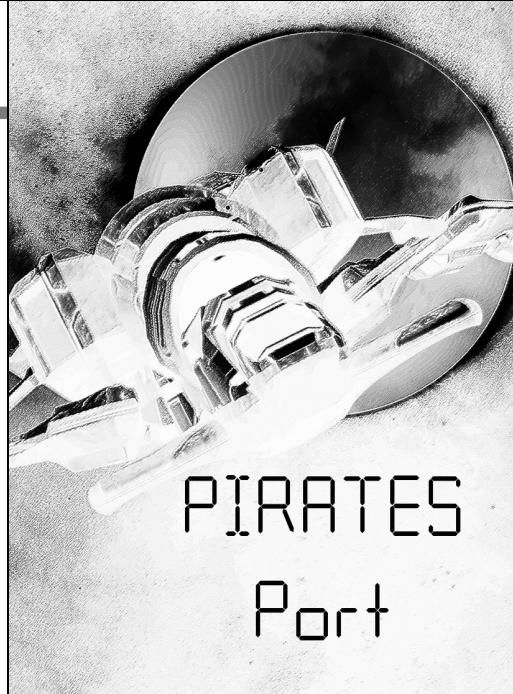
COST

6

DMG 2



Assumed breach principle
mitigates scope of incident



2

Draw a Card

Identity Mgmt



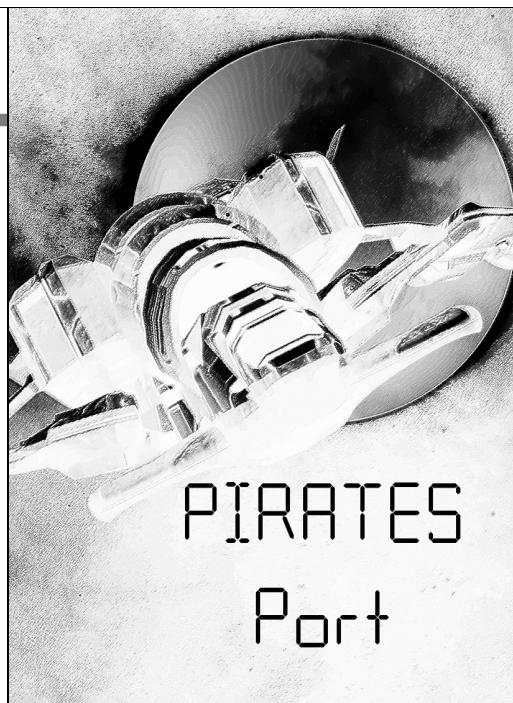
COST

4

DMG 3

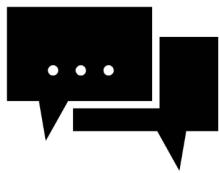


JIT/JEA policies stop
unauthorized use and
privilege escalation



2

Windows Forensics



Identify attack activity with
SRUM-Dump



PIRATES
Port

1 P1

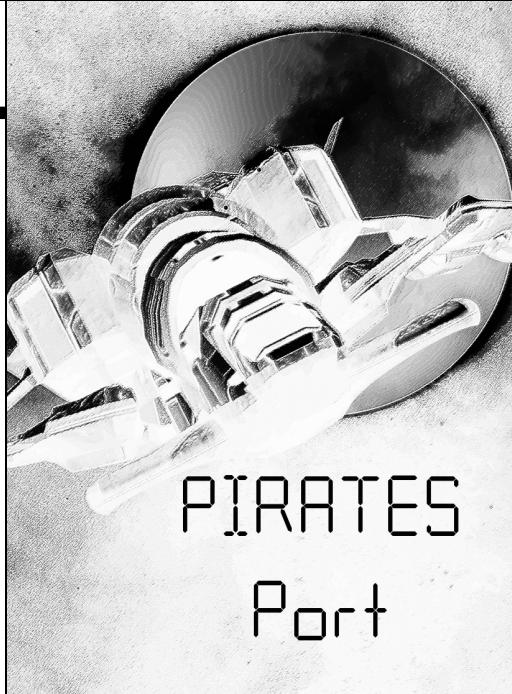
Skill



PIRATES
Port

1  P1

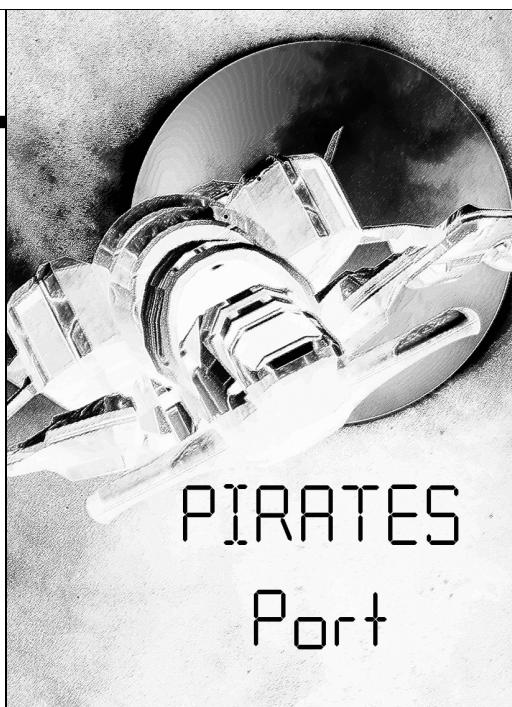
Skill



PIRATES
Port

1  P1

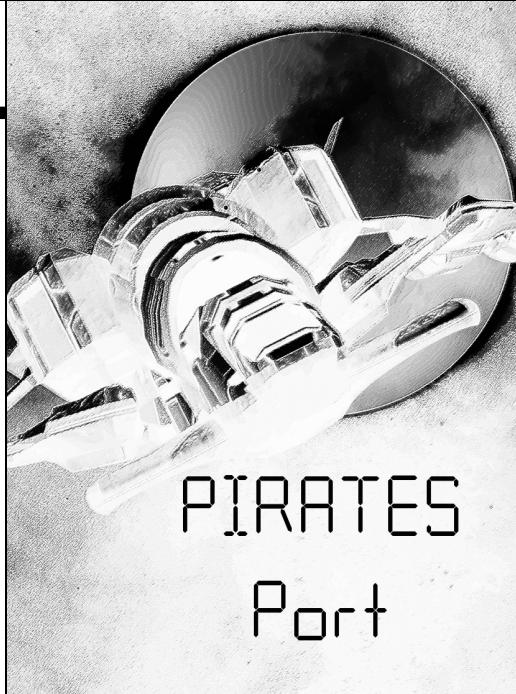
Skill



PIRATES
Port

1  P1

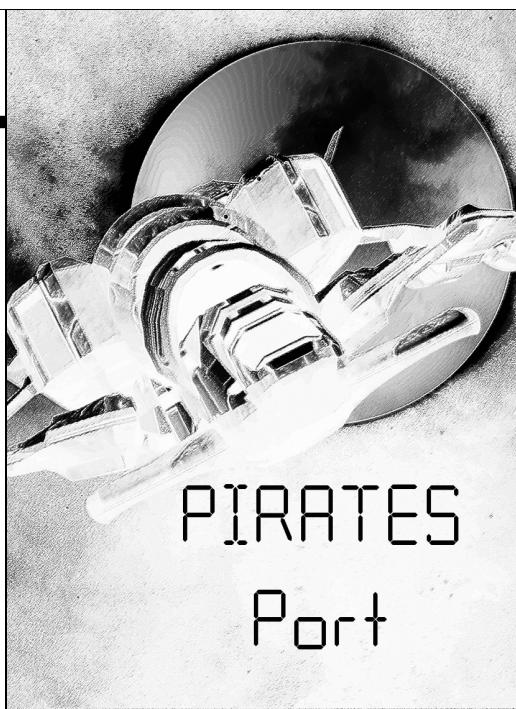
Skill



PIRATES
Port

1  P2

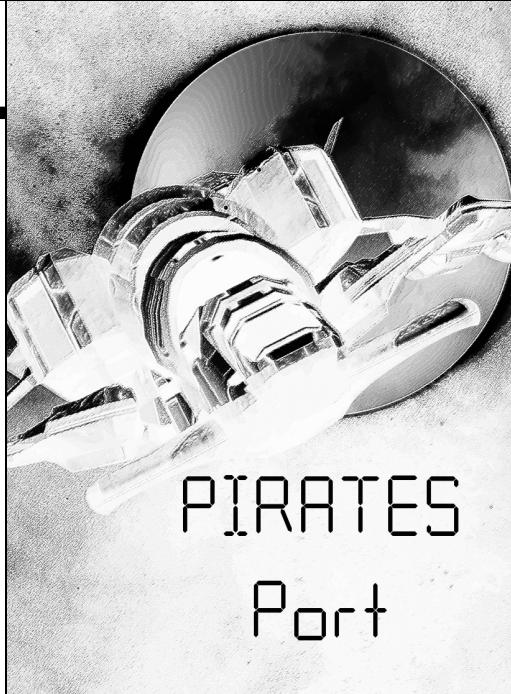
Skill



PIRATES
Port

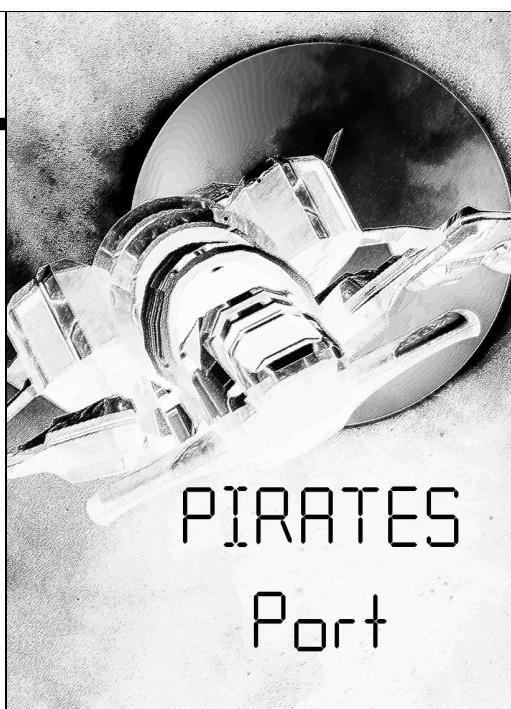
1 P2

Skill



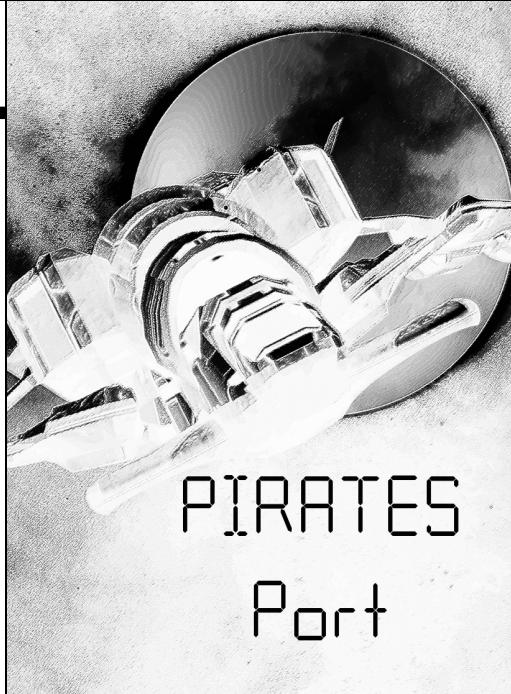
1 P2

Skill



1  P2

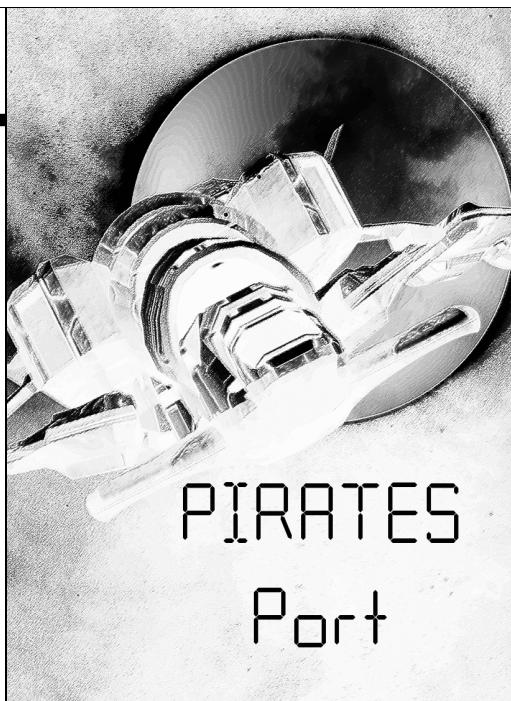
Skill



PIRATES
Port

1  P3

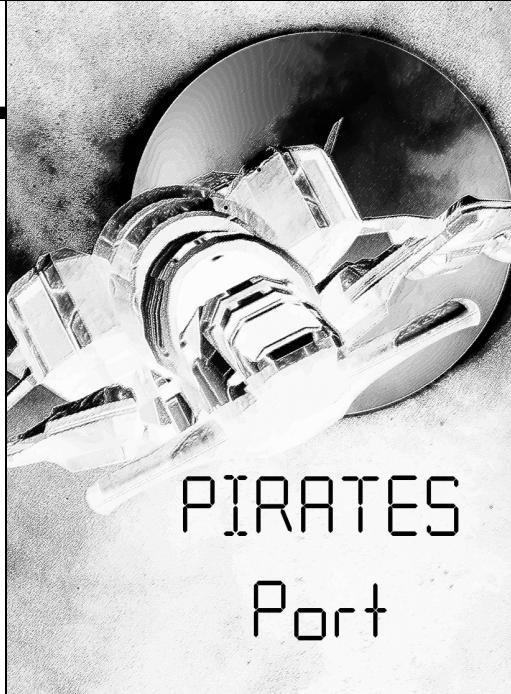
Skill



PIRATES
Port

1  P3

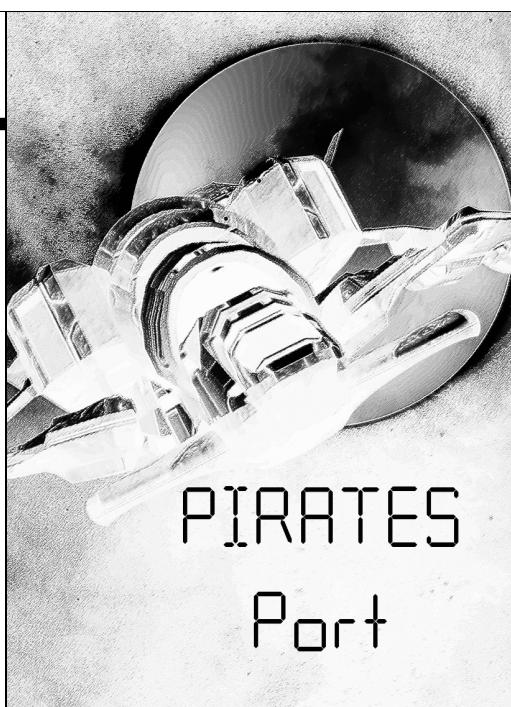
Skill



PIRATES
Port

1  P3

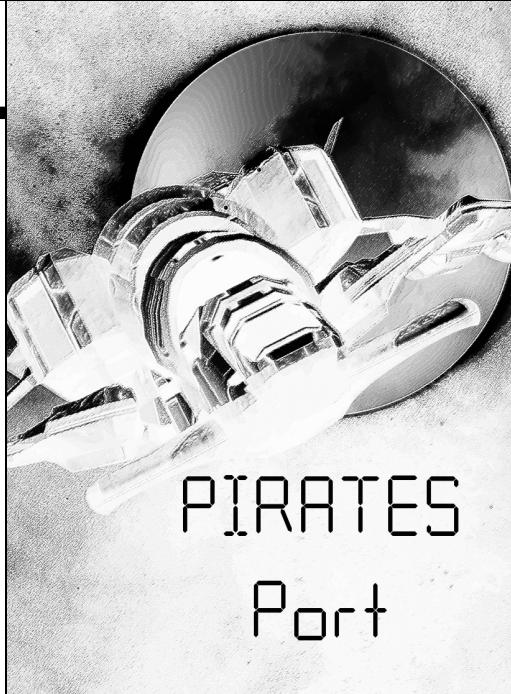
Skill



PIRATES
Port

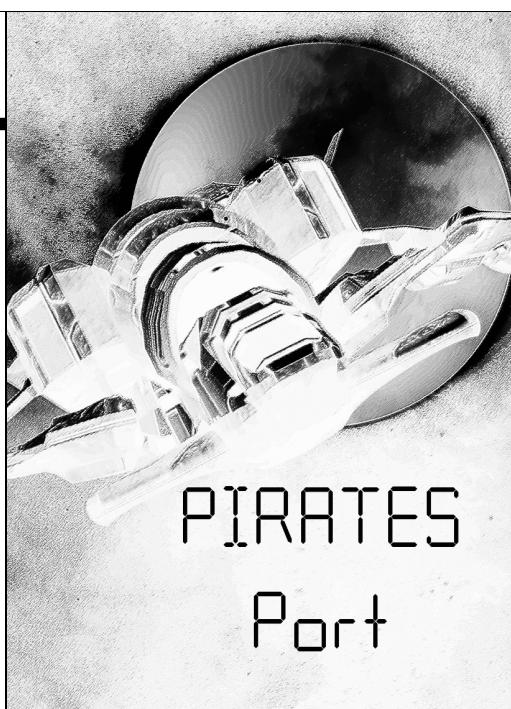
1  P3

Skill



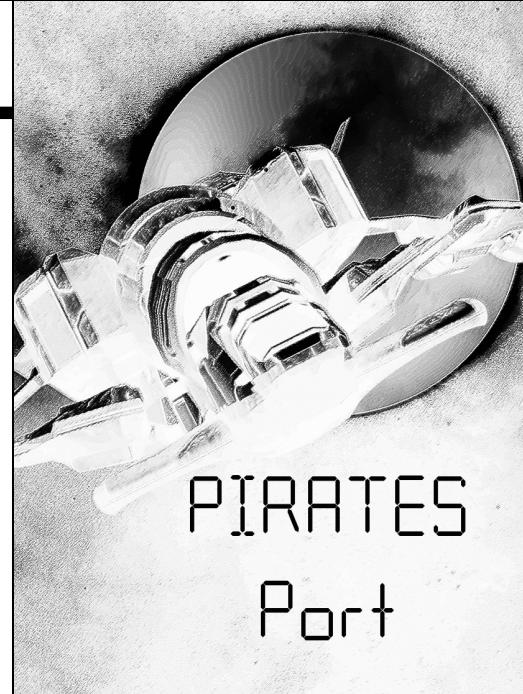
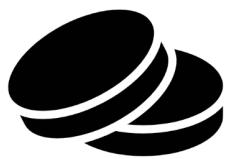
1  P1

Money



1 ⚰ P1

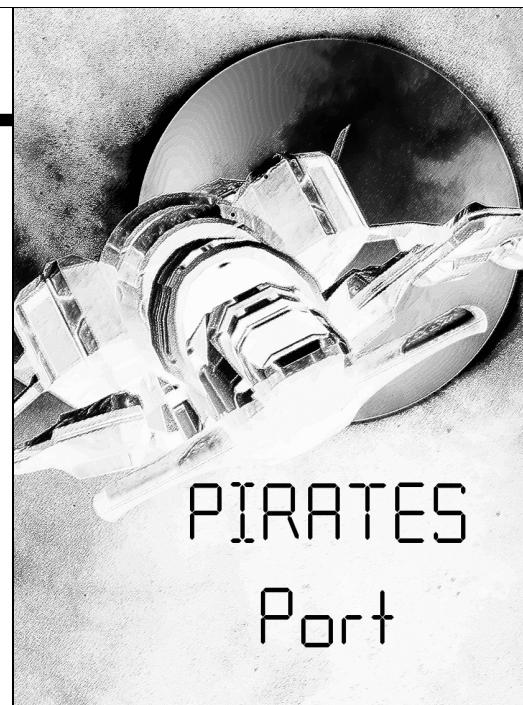
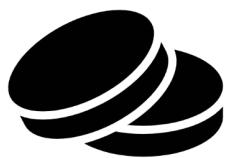
Money



PIRATES
Port

1 ⚰ P2

Money

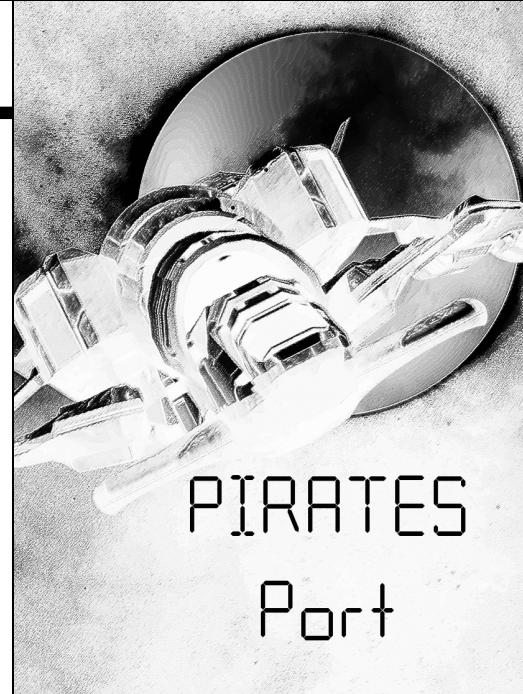


PIRATES
Port

1

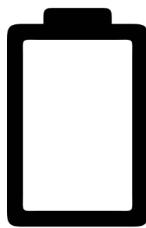
P2

Money



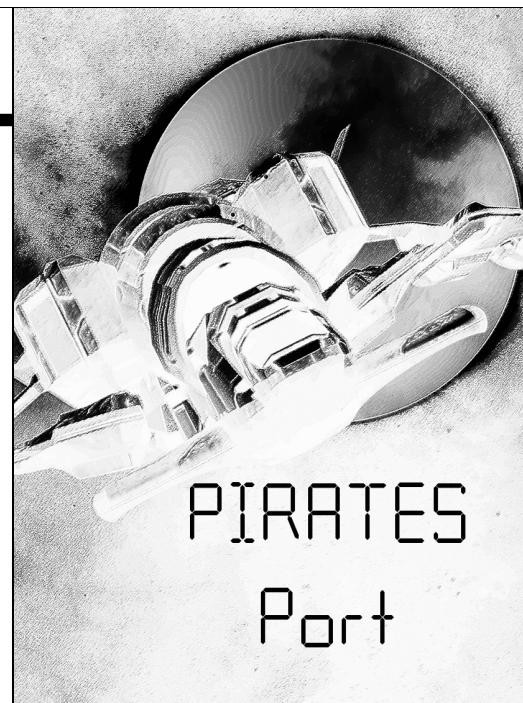
PIRATES
Port

EMP



⑩

There is no way to escape
the EMP!



PIRATES
Port

Mission: WEAPONS *

COMPLETE



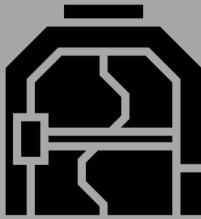
COST:  12



Use a combination of twelve skill and coins to take out the guns

Mission: PORT *

COMPLETE



COST:  7



Use seven cards in your hand to open a port on the pirate ship

Mission: COMMS *

COMPLETE



COST:  6



Use six skill to take down the communication systems

Mission: COM

COMPLETE



COST:  5



Spend five skill to take down the communication systems

Missions: ENGINES *

COMPLETE



COST: 6



Spend six coins to knock out the engines

Missions: ENGINES

COMPLETE



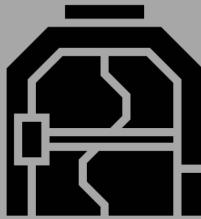
COST: 4



Spend five coins to disable the engines

Mission: PORT *

COMPLETE



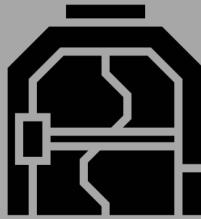
COST: 7



Use seven cards in your hand to open a port on the pirate ship

Mission: PORT

COMPLETE



COST: 3



Acquire three cards this turn to access the pirate ship port

Mission: Control

COMPLETE



COST:  14 



Use a combination of fourteen skill and coins to take full control of the ship

Mission: COMMS *

COMPLETE



COST:  6 



Use six skill to take down the communication systems

Mission: Self-Aware

COMPLETE



COST:  10 



You become self-aware after spending ten coins

Missions: ENGINES *

COMPLETE

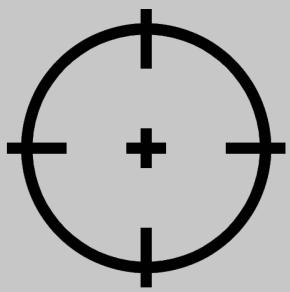


COST:  6 



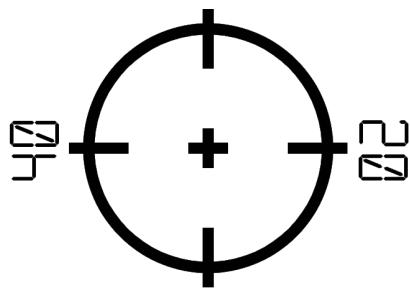
Spend six coins to knock out the engines

10



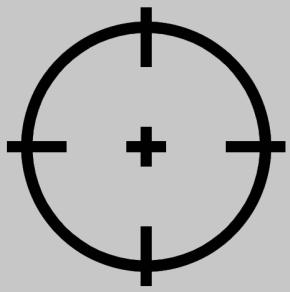
0

30



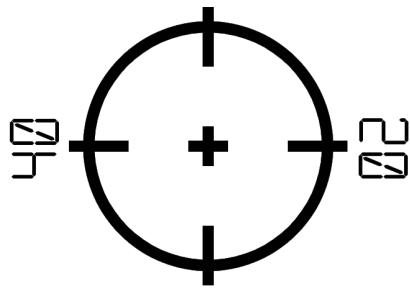
05 SCORE

10



0

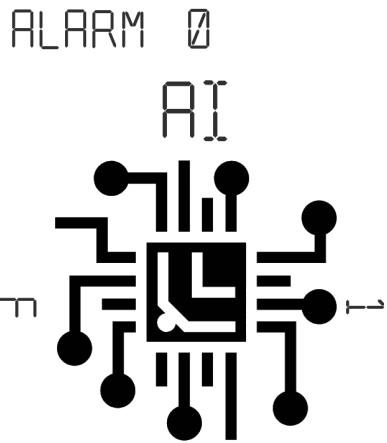
30



05 SCORE

SCORE

9
8
7
6
5
4
3
2
1



Score when a player cannot
deal with any events

2

SCORE

9
8
7
6
5
4
3
2
1



RULES
<https://pp.webdesk.me/rules.html>



EXTRAS
<https://pp.webdesk.me/>



SANS
<https://www.Sans.org/>

