Terms	payload deliveryB2: 36
/etc/shadow B3: 68	server-sideB2: 31
	social engineeringB2: 34
admin hunting	typesB2: 30
annual reports	windows
ASNs	file
assumed breachB2: 68	install files
attack phases	iso B2: 101
covering tracks B1: 17	lnk-shortcuts B2: 103
exploitation B1: 17	permissionsB3: 10
maintaining accessB1: 17	pilfering B2: 115-6, 132
post-exploitation B1: 17	searching
recon	world-writeableB3: 10
scanningB1: 17	zipB2: 102
authenticated proxyB2: 89	file-transfer B2: 109-12
autonomous systems numbers	firewall B2: 31, B2: 131
BGPB1: 78	full-knowledge B1: 26
browser	group policy
browsers B2: 33	objects B3: 17
c2B2: 72	preferences
C:/Windows/Panther B3: 15-6	guardrails B2: 35, 80
certificate transparency	hash
chaining	formats
challenge-response Kerberos	LANMAN B3: 60, 63
LANMAN	MD5 B3: 69
NTLMv1	NTB3: 61
NTLMv2 B3: 65-6, 100-01	rounds
CIDR	HKCU
cmd.exe autorun	html application
common subdomains	implant chaining
competitive intel	ingestors
cpassword	initial access B2: 6
credential stuffingB2: 9-10	intrusion prevention
crypt3 B3: 58-66	ipsec
daisy-chaining B2: 80	jitter
data breaches	job reqsB1: 85
data dump forums	junior testersB1: 61
dedicated systemsB1: 36	kerberos B3: 99
dhcpclient B2: 131	kernelB3: 8
dirty cowB3: 8	kernel attacksB2: 39
document-reading appsB2: 33	keyrings B2: 122
documented permissionB1: 20, 23	linux
domain	connectionsB1: 51
admin	filesystem B1: 46
administration	permissionsB1: 50
cleanup	suid
groups	LLMNR
dynamic code generation	local groups
dynamic data exchange	lockout
env variable	observation windowB2: 16
ephemeral shell	threshold
exploitB1: 11	logon script
unquoted pathsB3: 20	LSASS
exploitation	mangling
client-side B2: 32-7	mDNS
frameworkB2: 41	mergers & acquisitions B1: 67
local privescB2: 38	-

metasploit	powershell
exploitsB2: 44-7	obfuscationB2: 134
meterpreter	pre-engagement
modules	goals
payloads B2: 44-51	rules
reliabilityB2: 47	scope
meterpreter	press releases B1: 68
NBT-NS B3: 106	privacy regulationsB1: 27
network sweep B1: 94	privesc
ntds.dit B3: 59, 75	linux
NTLMv1 B3: 64	files B3: 10
NTLMv2B3: 65-6, 100	kernel
attacks B3: 110	service B3: 9
defenseB3: 113	suidB3: 11
obfuscation B2: 134	local B2: 38
office	windows
dde B2: 100	alwaysinstallelevated
macros	dll hijackingB3: 14
opsec	group policy preferencesB3: 17-8
organizational reconB1: 67-9	unattended install files B3: 15-6
os fingerprinting	unquoted paths
nmap	writable service executables B3: 14 privileged process B2: 39
paranel scans	privileged process
pass-the-hash B3: 54	purple team
password	race conditionsB2: 39
guessing	recon
spraying	ethics B1: 64
passwords	infrastructure B1: 71-81
cloud hardware	internal PCIB1: 61
dictionaries	light-touch B1: 62
in linux	organizationalB1: 67-9
in windows	user B1: 82-9
keystrokeB3: 54	zero-touch
mangling	red team
reporting	regional internet registriesB1: 78
salt	registry
sniffing B3: 54, 100-01	registry keys
synced B3: 49	representative sample
payload delivery B2: 36	RIRs
payloads	risk
penetration test	runtime envB2: 33
definition	SAM database
types	sam database
permissions	scada
persistence	scans
cmd.exe autorun B3: 40	asynchronousB1: 96
HKCU B3: 40	efficiency B1: 96
scheduled taskB3: 42	parallelB1: 121
servicesB3: 43	statelessB1: 122
startup folderB3: 41	tcp B1: 103-4, 115-6, 122
WMI events	typesB1: 94
pgpB2: 122	udp
plugins B1: 149	ultrafast
polling interval	vulnerability B1: 145-51
port scan	scf file
post-exploitationB2: 108	scheduled tasks

Lischke 2 08/2024

scope
-
SGUILLUV @UULU
sensitive data
services
shared object
shells
ephemeral
promptsB1: 55
singles
situational awareness
linux
smart cards
smb
named pipesB2: 80
smb relaying
smb signing
SPNs
stagers
stagesB2: 48
startup folder
sudo B1: 52
suidB3: 11, B2: 39, B1: 51, 120
sysvolB2: 127
tactics
tcp
-
pivots
RST B1: 122
test types
full-knowledgeB1: 26
unannouncedB1: 25
zero-knowledge B1: 26
threat
TLS
torrents
udpB1: 105
unannounced test
unannounced test
unannounced test
unannounced test.B1: 25unattend.xml.B3: 15-6unquoted paths.B3: 20user account control.B3: 21-2
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14 vba .B2: 98
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14 vba .B2: 98 version scan .B1: 94
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14 vba .B2: 98 version scan .B1: 94
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14 vba .B2: 98 version scan .B1: 94 VLANs .B3: 113 Volume Shadow Copy Service .B3: 74 vuln scanning .B1: 145-51 agent-based .B1: 148
unannounced test .B1: 25 unattend.xml .B3: 15-6 unquoted paths .B3: 20 user account control .B3: 21-2 bypass .B3: 23 user recon .B1: 82-9 usernames .B2: 14 vba .B2: 98 version scan .B1: 94 VLANs .B3: 113 Volume Shadow Copy Service .B3: 74 vuln scanning .B1: 145-51 agent-based .B1: 148 authenticated .B1: 148
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 149
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 149 unauthenticated B1: 148
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 148 unauthenticated B1: 148 vulnerability B1: 11
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 149 unauthenticated B1: 148
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 148 unauthenticated B1: 148 vulnerability B1: 11 vulnerability assessment B1: 14
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 148 unauthenticated B1: 148 vulnerability B1: 11 vulnerability assessment B1: 14 vulnerability scan B1: 94
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 149 unauthenticated B1: 148 vulnerability B1: 11 vulnerability assessment B1: 14 vulnerability scan B1: 94 web proxy auto discovery B3: 108
unannounced test B1: 25 unattend.xml B3: 15-6 unquoted paths B3: 20 user account control B3: 21-2 bypass B3: 23 user recon B1: 82-9 usernames B2: 14 vba B2: 98 version scan B1: 94 VLANs B3: 113 Volume Shadow Copy Service B3: 74 VSS B3: 74 vuln scanning B1: 145-51 agent-based B1: 148 authenticated B1: 148 plugins B1: 148 unauthenticated B1: 148 vulnerability B1: 11 vulnerability assessment B1: 14 vulnerability scan B1: 94

exploit obfuscation	B2: 134
files	B2: 132
firewall	B2: 131
passwords	8-66, 72-7
registry	B2: 133
WinInet InternetQueryOption	B3: 108
wlan	B2: 131
WMI	
event subscription	B3: 44
world-writeable	B1: 51
WPAD	B3: 108
zero-knowledge	B1: 26

Lischke 3 08/2024

Commands	Immunity CANVAS P2, 20
	Immunity CANVAS
arp	JohnTheRipperB3: 83-6
base64B2: 112	potfile
bitsadmin B3: 26	unshadow
cscriptB3: 74	LOphtCrack B3: 59
dirB2: 124	LinPEAS
findstr B2: 132	LinuxExploitSuggesterB2: 39
findB3: 12, B2: 132	LockoutStatus.exe
ipB2: 116	LOLBAS B3: 26
lsof connectionsB1: 53	Masscan
moreB2: 132	Metasploit B2: 19, B3: 23, B2: 42-60
net.exe	Meterpreter B2: 53-60
net/net1 B2: 126-30	$\operatorname{creds}_{a} ll \dots B3:77$
netshB2: 131	hashdumpB3: 73
netstat connections B1: 53, B2: 116	load kiwiB3: 77
ntdsutil.exe	Mimikatz
ps B3: 9	MITRE ATTACK
$\verb"reg" \dots \dots$	MITRE CVEB1: 37
schtasks	Monster.com
setB2: 124	NCrackB2: 19
ssB2: 116	Netcat B1: 133-8
typeB2: 132	nmapB1: 109-21, 129-33
uname	limitations B1: 121, 151
uniq ${ m B3:}~50$	os fingerprinting B1: 129
T 1 /C*:	script.db
Tools/Sites	scripting engine
AD Explorer	NPKB3: 53
ALockout.dll	NTDSUtil
BeRootB3: 24	Patator
BloodHoundB3: 30-5	Pcredz B3: 102-4
C2 MatrixB2: 73	phonebook.cz
Cain B3: 102	Pipal
CeWLB3: 51	Posh-SecMod
Chameleon	PowerBreach
Cobalt Strike	PowerSploit B2: 90, 134
Core IMPACT B2: 36	PowerUp
crt.shB1: 79	PowerView B2: 90, 134
DeHashedB1: 85	pw-inspector B2: 13
DNSDumpsterB1: 75-7	Responder B3: 106-13
DNSRecon B1: 73-4	RIRs B1: 78
Dradis ReportingB1: 40	ScanRand B1: 96
EmpireB3: 23, B2: 88-92	schtasksabuse B3: 42
modules	Seatbelt B2: 137-9
ExploitDB B1: 37	secretsdump.py
EyeWitness B1: 140-3	ShodanB1: 80-1
GatherContacts B1: 86	SkullSecurity Passwords
$\operatorname{GetFFGP}$	SliverB2: 76-83
FineGrainedPassPolicy	commands B2: 81
GhostPack B2: 137-9	payloadsB2: 79-80, 83
GTFOBins B3: 12	server-clientB2: 82
Hashcat B3: 89-94	UACME B3: 23
HaveIBeenPwnedB1: 85	Verizon DBIR
Hunter.io	VSSOwn B3: 74
Hydra B2: 20-2	Watson
v	V

Lischke 4 08/2024