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ntlmrelayx.py
owneredit.py
ping.py
ping6.py
psexec.py
raiseChild.py
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 58
        import os
 59
        import sys
 60
        from impacket import version
 61
        from impacket.examples import logger
 62
        from impacket.examples.utils import parse_target
 63
        from impacket.smbconnection import SMBConnection
 64
        from impacket.ldap.ldap import LDAPConnection, LDAPSessionError
 65
 66
        from impacket.examples.secretsdump import LocalOperations, RemoteOperations, SAMHashes,
 67
            KeyListSecrets
 68
        from impacket.krb5.keytab import Keytab
 69
 70
 71
            input = raw_input
 72
        except NameError:
 73
            pass
 74
        class DumpSecrets:
 75
            def __init__(self, remoteName, username='', password='', domain='', options=None):
 76
 77
                self.__useVSSMethod = options.use_vss
                self.__useKeyListMethod = options.use_keylist
 78
 79
                self.__remoteName = remoteName
                self. remoteHost = options.target ip
 80
                self. username = username
 81
                self. password = password
 82
                self.__domain = domain
 83
                self.__lmhash = ''
 84
                self. nthash = ''
 85
                self.__aesKey = options.aesKey
 86
                self.__aesKeyRodc = options.rodcKey
 87
                self. smbConnection = None
 88
 89
                self.__ldapConnection = None
                self.__remoteOps = None
 90
                self.__SAMHashes = None
 91
                self.__NTDSHashes = None
 92
                self.__LSASecrets = None
 93
                self.__KeyListSecrets = None
 94
                self.__rodc = options.rodcNo
 95
                self.__systemHive = options.system
 96
 97
                self.__bootkey = options.bootkey
                self.__securityHive = options.security
 98
                self.__samHive = options.sam
 99
                self.__ntdsFile = options.ntds
100
                self.__skipSam = options.skip_sam
101
                self.__skipSecurity = options.skip_security
102
                self.__history = options.history
103
                self.__noLMHash = True
104
                self. isRemote = True
105
                self.__outputFileName = options.outputfile
106
                self.__doKerberos = options.k
107
                self.__justDC = options.just_dc
108
                self.__justDCNTLM = options.just_dc_ntlm
109
                self.__justUser = options.just_dc_user
110
111
                self.__ldapFilter = options.ldapfilter
                self.__skipUser = options.skip_user
112
                self.__pwdLastSet = options.pwd_last_set
113
                self.__printUserStatus= options.user_status
114
                self. resumeFileName = options.resumefile
115
                self. canProcessSAMLSA = True
116
                self.__kdcHost = options.dc_ip
117
```

self.__remoteSSMethod = options.use_remoteSSMethod

118

https://github.com/fortra/impacket/blob/master/exan	mples/secretsdump.py

 $\textbf{impacket/examples/secretsdump.py at master} \cdot \textbf{fortra/impacket} \cdot \textbf{GitHub} - 02/11/2024 \ 13:07$

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466
                sys.exit(1)
467
            options = parser.parse_args()
468
469
470
            # Init the example's logger theme
471
            logger.init(options.ts)
472
473
            if options.debug is True:
474
                logging.getLogger().setLevel(logging.DEBUG)
475
                # Print the Library's installation path
                logging.debug(version.getInstallationPath())
476
477
478
                logging.getLogger().setLevel(logging.INFO)
479
480
            domain, username, password, remoteName = parse_target(options.target)
481
482
            if options.just_dc_user is not None or options.ldapfilter is not None:
483
                if options.use_vss is True:
484
                    logging.error('-just-dc-user switch is not supported in VSS mode')
485
                    sys.exit(1)
486
                elif options.resumefile is not None:
487
                    logging.error('resuming a previous NTDS.DIT dump session not compatible wit
488
489
                elif remoteName.upper() == 'LOCAL' and username == '':
490
                    logging.error('-just-dc-user not compatible in LOCAL mode')
491
492
                else:
493
                    # Having this switch on implies not asking for anything else.
494
                    options.just_dc = True
495
496
            if options.use_vss is True and options.resumefile is not None:
497
                logging.error('resuming a previous NTDS.DIT dump session is not supported in VS
498
                sys.exit(1)
499
500
            if options.use_keylist is True and (options.rodcNo is None or options.rodcKey is No
501
                logging.error('Both the RODC ID number and the RODC key are required for the Ke
502
                sys.exit(1)
503
504
            if remoteName.upper() == 'LOCAL' and username == '' and options.resumefile is not N
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```
505
                logging.error('resuming a previous NTDS.DIT dump session is not supported in LO
506
                sys.exit(1)
507
            if remoteName.upper() == 'LOCAL' and username == '':
508
509
                if options.system is None and options.bootkey is None:
510
                    logging.error('Either the SYSTEM hive or bootkey is required for local pars
511
                    sys.exit(1)
512
            else:
513
514
                if options.target_ip is None:
515
                    options.target_ip = remoteName
516
517
                if domain is None:
                    domain = ''
518
519
520
                if options.keytab is not None:
521
                    Keytab.loadKeysFromKeytab(options.keytab, username, domain, options)
522
                    options.k = True
523
524
                if password == '' and username != '' and options.hashes is None and options.no_
525
                    from getpass import getpass
526
527
                    password = getpass("Password:")
528
529
                if options.aesKey is not None:
530
                    options.k = True
531
            dumper = DumpSecrets(remoteName, username, password, domain, options)
532
533
            try:
534
                dumper.dump()
535
            except Exception as e:
536
                if logging.getLogger().level == logging.DEBUG:
537
                    import traceback
538
                    traceback.print_exc()
539
                logging.error(e)
```