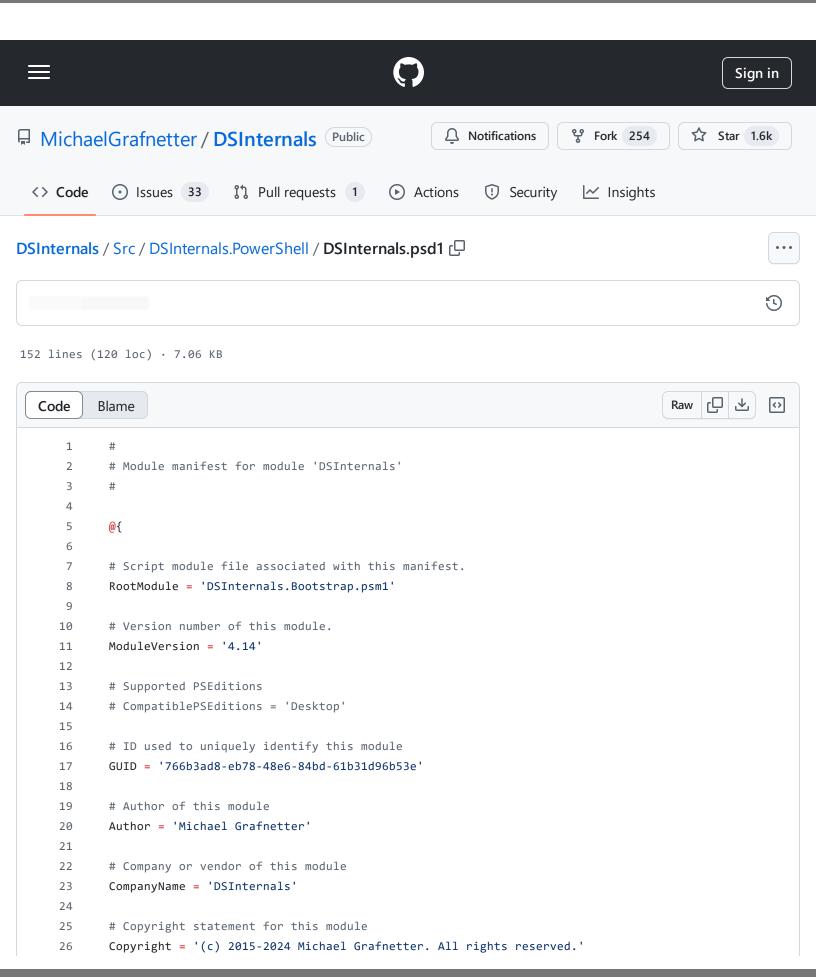
DSInternals/Src/DSInternals.PowerShell/DSInternals.psd1 at 39ee8a69bbdc1cfd12c9afdd7513b4788c4895d4 · MichaelGrafnetter/DSInternals · GitHub - 31/10/2024 18:40



```
27
28
       # Description of the functionality provided by this module
       Description = @"
29
       The DSInternals PowerShell Module exposes several internal features of Active Directory and Azure A
30
31
32
       DISCLAIMER: Features exposed through this module are not supported by Microsoft and it is therefore
       "@
33
34
       # Minimum version of the Windows PowerShell engine required by this module
35
       PowerShellVersion = '3.0'
36
37
38
       # Minimum version of Microsoft .NET Framework required by this module
39
       DotNetFrameworkVersion = '4.7.2' # This requirement is not enforced by older versions of PS.
40
41
       # Minimum version of the common language runtime (CLR) required by this module
       CLRVersion = '4.0.30319.42000' # Corresponds to .NET Framework 4.6 and later
42
43
       # Processor architecture (None, X86, Amd64, ARM64) required by this module
44
       ProcessorArchitecture = 'None'
45
46
47
       # Type files (.ps1xml) to be loaded when importing this module
       TypesToProcess = @('DSInternals.types.ps1xml')
48
49
50
       # Format files (.ps1xml) to be loaded when importing this module
51
       FormatsToProcess = 'Views\DSInternals.AzureADUser.format.ps1xml',
52
                           'Views\DSInternals.Hash.format.ps1xml',
                           'Views\DSInternals.RoamedCredential.format.ps1xml',
53
54
                           'Views\DSInternals.Kerberos.format.ps1xml',
55
                           'Views\DSInternals.KeyCredential.format.ps1xml',
                           'Views\DSInternals.FidoKeyMaterial.format.ps1xml',
56
                           'Views\DSInternals.DSAccount.format.ps1xml',
57
                           'Views\DSInternals.DSAccount.ExportViews.format.ps1xml',
58
                           'Views\DSInternals.GroupManagedServiceAccount.format.ps1xml',
59
                           'Views\DSInternals.PasswordQualityTestResult.format.ps1xml',
60
                           'Views\DSInternals.KdsRootKey.format.ps1xml',
61
                           'Views\DSInternals.SamDomainPasswordInformation.format.ps1xml',
62
63
                           'Views\DSInternals.LsaPolicyInformation.format.ps1xml'
64
65
       # Modules to import as nested modules of the module specified in RootModule/ModuleToProcess
       NestedModules = @('DSInternals.PowerShell.dll')
66
67
       # Functions to export from this module
68
       FunctionsToExport = (a)()
69
70
71
       # Cmdlets to export from this module
72
       CmdletsToExport = 'ConvertTo-NTHash', 'ConvertTo-LMHash', 'Set-SamAccountPasswordHash',
```

```
73
                           'ConvertFrom-UnicodePassword', 'ConvertTo-UnicodePassword',
74
                           'ConvertTo-OrgIdHash', 'ConvertFrom-GPPrefPassword',
                           'ConvertTo-GPPrefPassword', 'Add-ADDBSidHistory',
75
76
                           'Set-ADDBPrimaryGroup', 'Get-ADDBDomainController',
77
                           'Set-ADDBDomainController', 'Get-ADDBSchemaAttribute',
78
                           'Remove-ADDBObject', 'Get-ADDBAccount', 'Get-BootKey',
                           'Get-ADReplAccount', 'ConvertTo-Hex', 'ConvertTo-KerberosKey',
79
80
                           'ConvertFrom-ADManagedPasswordBlob',
                           'Get-ADDBBackupKey', 'Get-ADReplBackupKey', 'Save-DPAPIBlob',
81
                           'Set-ADDBBootKey', 'Test-PasswordQuality', 'Get-ADDBServiceAccount',
82
83
                           'Get-ADDBKdsRootKey', 'Get-SamPasswordPolicy', 'Get-ADSIAccount',
                           'Enable-ADDBAccount', 'Disable-ADDBAccount', 'Get-ADKeyCredential',
84
85
                           'Set-ADDBAccountPassword', 'Set-ADDBAccountPasswordHash', 'Get-LsaPolicyInformati
86
                           'Set-LSAPolicyInformation', 'New-ADDBRestoreFromMediaScript','Get-LsaBackupKey',
87
                           'Add-ADReplNgcKey', 'Get-AzureADUserEx', 'Set-AzureADUserEx','Unlock-ADDBAccount'
88
89
        # Variables to export from this module
90
        VariablesToExport = @()
91
92
        # Aliases to export from this module
93
        AliasesToExport = 'Set-WinUserPasswordHash', 'Set-ADAccountPasswordHash',
94
                           'ConvertFrom-UnattendXmlPassword', 'ConvertTo-AADHash',
95
                           'ConvertTo-MsoPasswordHash', 'Get-ADReplicationAccount',
96
                           'ConvertFrom-ManagedPasswordBlob', 'Get-SysKey', 'Set-ADDBSysKey',
97
                           'New-NTHashSet', 'Test-ADPasswordQuality',
98
                           'Test-ADDBPasswordQuality', 'Test-ADReplPasswordQuality',
99
                           'Get-ADPasswordPolicy', 'Get-ADDefaultPasswordPolicy', 'Get-KeyCredential',
                           'Get-KeyCredentialLink', 'Get-ADKeyCredentialLink', 'Get-LsaPolicy',
100
                           'Set-LsaPolicy', 'Get-SystemKey', 'Write-ADReplNgcKey', 'Write-ADNgcKey',
101
102
                           'Add-ADNgcKey', 'New-ADKeyCredential', 'New-ADKeyCredentialLink',
103
                           'New-ADNgcKey', 'Get-ADDBGroupManagedServiceAccount'
104
105
        # List of assemblies that must be loaded prior to importing this module
        RequiredAssemblies = @('DSInternals.Common.dll')
106
107
108
        # List of all files packaged with this module
109
        FileList = 'AutoMapper.dll',
                   'CBOR.dll',
110
                   'DSInternals.DataStore.dll',
111
112
                   'DSInternals.Replication.dll',
113
                   'DSInternals.Replication.Model.dll',
                   'DSInternals.SAM.dll',
114
115
                   'Esent.Interop.dll',
116
                   'Esent.Isam.dll',
                   'License.txt',
117
                   'NDceRnc Microsoft dll'
112
```

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```
MPCCMPC.TITCTOSOTC.GIT )
___
119
                    'Newtonsoft.Json.dll',
                    'Numbers.dll',
120
                    'amd64\DSInternals.Replication.Interop.dll',
121
                   'arm64\DSInternals.Replication.Interop.dll',
122
                   'x86\DSInternals.Replication.Interop.dll',
123
                    'en-US\about_DSInternals.help.txt',
124
                    'en-US\DSInternals.PowerShell.dll-Help.xml'
125
126
        # Private data to pass to the module specified in RootModule/ModuleToProcess. This may also contain
127
128
        PrivateData = @{
129
            PSData = @{
130
131
132
                # Tags applied to this module. These help with module discovery in online galleries.
                Tags = 'ActiveDirectory', 'AzureAD', 'Security', 'SAM', 'LSA', 'PSModule', 'Windows', 'FIDG
133
134
                # A URL to the license for this module.
135
                LicenseUri = 'https://github.com/MichaelGrafnetter/DSInternals/blob/master/Src/DSInternals.
136
137
                # A URL to the main website for this project.
138
                ProjectUri = 'https://github.com/MichaelGrafnetter/DSInternals'
139
140
141
                # A URL to an icon representing this module.
                IconUri = 'https://raw.githubusercontent.com/MichaelGrafnetter/DSInternals/master/Src/Icons
142
143
                # ReleaseNotes of this module
144
                ReleaseNotes = @"
145
        - Minor credential roaming parser improvement.
146
147
        "@
            } # End of PSData hashtable
148
149
        } # End of PrivateData hashtable
150
151
152
        }
```