




[Code](#) [Blame](#)

[Raw](#)   

```
1      #
2      # Module manifest for module 'DSInternals'
3      #
4
5      @{
6
7      # Script module file associated with this manifest.
8      RootModule = 'DSInternals.Bootstrap.psm1'
9
10     # Version number of this module.
11     ModuleVersion = '4.14'
12
13     # Supported PSEditions
14     # CompatiblePSEditions = 'Desktop'
15
16     # ID used to uniquely identify this module
17     GUID = '766b3ad8-eb78-48e6-84bd-61b31d96b53e'
18
19     # Author of this module
20     Author = 'Michael Grafnetter'
21
22     # Company or vendor of this module
23     CompanyName = 'DSInternals'
24
25     # Copyright statement for this module
26     Copyright = '(c) 2015-2024 Michael Grafnetter. All rights reserved.'
```

```
27
28 # Description of the functionality provided by this module
29 Description = @"
30 The DSInternals PowerShell Module exposes several internal features of Active Directory and Azure AD
31
32 DISCLAIMER: Features exposed through this module are not supported by Microsoft and it is therefore
33 "@
34
35 # Minimum version of the Windows PowerShell engine required by this module
36 PowerShellVersion = '3.0'
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
42 CLRVersion = '4.0.30319.42000' # Corresponds to .NET Framework 4.6 and later
43
44 # Processor architecture (None, X86, Amd64, ARM64) required by this module
45 ProcessorArchitecture = 'None'
46
47 # Type files (.ps1xml) to be loaded when importing this module
48 TypesToProcess = @('DSInternals.types.ps1xml')
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',
53                   'Views\DSInternals.RoamedCredential.format.ps1xml',
54                   'Views\DSInternals.Kerberos.format.ps1xml',
55                   'Views\DSInternals.KeyCredential.format.ps1xml',
56                   'Views\DSInternals.FidoKeyMaterial.format.ps1xml',
57                   'Views\DSInternals.DSAccount.format.ps1xml',
58                   'Views\DSInternals.DSAccount.ExportViews.format.ps1xml',
59                   'Views\DSInternals.GroupManagedServiceAccount.format.ps1xml',
60                   'Views\DSInternals.PasswordQualityTestResult.format.ps1xml',
61                   'Views\DSInternals.KdsRootKey.format.ps1xml',
62                   'Views\DSInternals.SamDomainPasswordInformation.format.ps1xml',
63                   'Views\DSInternals.LsaPolicyInformation.format.ps1xml'
64
65 # Modules to import as nested modules of the module specified in RootModule/ModuleToProcess
66 NestedModules = @('DSInternals.PowerShell.dll')
67
68 # Functions to export from this module
69 FunctionsToExport = @()
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',
75         'ConvertTo-GPPrefPassword', 'Add-ADDBSidHistory',
76         'Set-ADDBPrimaryGroup', 'Get-ADDBDomainController',
77         'Set-ADDBDomainController', 'Get-ADDBSchemaAttribute',
78         'Remove-ADDBObject', 'Get-ADDBAccount', 'Get-BootKey',
79         'Get-ADReplAccount', 'ConvertTo-Hex', 'ConvertTo-KerberosKey',
80         'ConvertFrom-ADManagedPasswordBlob',
81         'Get-ADDBBackupKey', 'Get-ADReplBackupKey', 'Save-DPAPIBlob',
82         'Set-ADDBBootKey', 'Test-PasswordQuality', 'Get-ADDBServiceAccount',
83         'Get-ADDBKdsRootKey', 'Get-SamPasswordPolicy', 'Get-ADSIAccount',
84         'Enable-ADDBAccount', 'Disable-ADDBAccount', 'Get-ADKeyCredential',
85         'Set-ADDBAccountPassword', 'Set-ADDBAccountPasswordHash', 'Get-LsaPolicyInformation',
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',
100        'Get-KeyCredentialLink', 'Get-ADKeyCredentialLink', 'Get-LsaPolicy',
101        'Set-LsaPolicy', 'Get-SystemKey', 'Write-ADReplNgcKey', 'Write-ADNgcKey',
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
106     RequiredAssemblies = @('DSInternals.Common.dll')
107
108     # List of all files packaged with this module
109     FileList = 'AutoMapper.dll',
110         'CBOR.dll',
111         'DSInternals.DataStore.dll',
112         'DSInternals.Replication.dll',
113         'DSInternals.Replication.Model.dll',
114         'DSInternals.SAM.dll',
115         'Esent.Interop.dll',
116         'Esent.Isam.dll',
117         'License.txt',
118         'NDrpc Microsoft dll'
```

```
118         'Microsoft.Exchange.Data.Directory.Common.dll',
119         'Newtonsoft.Json.dll',
120         'Numbers.dll',
121         'amd64\DSInternals.Replication.Interop.dll',
122         'arm64\DSInternals.Replication.Interop.dll',
123         'x86\DSInternals.Replication.Interop.dll',
124         'en-US\about_DSInternals.help.txt',
125         'en-US\DSInternals.PowerShell.dll-Help.xml'
126
127     # Private data to pass to the module specified in RootModule/ModuleToProcess. This may also contain
128     PrivateData = @{
129
130         PSData = @{
131
132             # Tags applied to this module. These help with module discovery in online galleries.
133             Tags = 'ActiveDirectory', 'AzureAD', 'Security', 'SAM', 'LSA', 'PSModule', 'Windows', 'FIDO2',
134
135             # A URL to the license for this module.
136             LicenseUri = 'https://github.com/MichaelGrafnetter/DSInternals/blob/master/Src/DSInternals.License.txt',
137
138             # A URL to the main website for this project.
139             ProjectUri = 'https://github.com/MichaelGrafnetter/DSInternals'
140
141             # A URL to an icon representing this module.
142             IconUri = 'https://raw.githubusercontent.com/MichaelGrafnetter/DSInternals/master/Src/Icons/DSInternalsIcon.png',
143
144             # ReleaseNotes of this module
145             ReleaseNotes = @"
146 - Minor credential roaming parser improvement.
147 "@
148         } # End of PSData hashtable
149
150     } # End of PrivateData hashtable
151
152 }
```