
PoshSec Documentation

Release 2.0

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Welcome to the help and documentation for the PoshSec PowerShell Module.

Current Version: 2.0

List of available commands

This is the current list of available commands in PoshSec.

1.1 Get-DomainAdmins

1.1.1 Synopsis

Obtains the list of Domain Admins

1.1.2 Description

Obtains the list of domain admins for the current or specified domain.

1.1.3 Parameter

Name: Domain

Description: This is the Active Directory name to pull the Domain Admins list from.

1.1.4 Examples

```
PS> Get-DomainAdmins
      DisplayName      SamAccountName      DistinguishedName
-----
      TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
      Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com

PS> Get-DomainAdmins -Domain 'poshsec.com'
```

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DisplayName	SamAccountName	DistinguishedName
-----	-----	-----
TestAccount	TestAccount	cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com		
Bob Uncle	Bob.Uncle	cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com

1.1.5 Notes

Part of the PoshSec PowerShell Module

1.2 Get-EnterpriseAdmins

1.2.1 Synopsis

Obtains the list of Enterprise Admins

1.2.2 Description

Obtains the list of Enterprise admins for the current or specified domain.

1.2.3 Parameter

Name: Domain

Description: This is the Active Directory name to pull the Enterprise Admins list from.

1.2.4 Examples

```
PS> Get-EnterpriseAdmins
    DisplayName      SamAccountName      DistinguishedName
    -----
    TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
    Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com

PS> Get-EnterpriseAdmins
    DisplayName      SamAccountName      DistinguishedName
    -----
    TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
    Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com
```

1.2.5 Notes

Part of the PoshSec PowerShell Module.

1.3 Get-AccountsThatDontExpire

1.3.1 Synopsis

Gets a list of the accounts that don't expire.

1.3.2 Description

Gets a list of the accounts from the active directory domain that don't expire.

1.3.3 Parameter

Name: SizeLimit

Description: Number of objects to return in results.

1.3.4 Examples

```
PS> Get-AccountThatDontExpire
      DisplayName      SamAccountName      DistinguishedName
      -----
      TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
      Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com
```

1.3.5 Notes

Part of the PoshSec PowerShell Module

1.4 Get-AccountsThatExpire

1.4.1 Synopsis

Gets a list of the accounts that expire.

1.4.2 Description

Gets a list of the accounts from the active directory domain that expire.

1.4.3 Parameter

Name: SizeLimit

Description: Number of objects to return in results.

1.4.4 Examples

```
PS> Get-AccountThatExpire
    DisplayName      SamAccountName      DistinguishedName
    -----
    TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
    Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com
```

1.4.5 Notes

Part of the PoshSec PowerShell Module

1.5 Get-Administrators

1.5.1 Synopsis

Obtains the list of Domain Admins

1.5.2 Description

Obtains the list of domain admins for the current or specified domain.

1.5.3 Parameter

Name: Domain

Description: This is the Active Directory name to pull the Domain Admins list from.

1.5.4 Examples

```
PS> Get-Administrators
    DisplayName      SamAccountName      DistinguishedName
    -----
    TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
    Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com

PS> Get-Administrators -Domain 'poshsec.com'
    DisplayName      SamAccountName      DistinguishedName
    -----
    TestAccount      TestAccount          cn=TestAccount,OU=PoshSec,DC=PoshSec,
↪DC=Com
    Bob Uncle        Bob.Uncle            cn=Bob Uncle,OU=PoshSec,DC=PoshSec,DC=Com
```

1.5.5 Notes

Part of the PoshSec PowerShell Module

1.6 Convert-FQDNtoDN

1.6.1 Synopsis

Converts FQDN to FQDN

1.6.2 Description

This converts a user supplied Fully Qualified Domain Name (FQDN) into a Distinguished Name (DN).

1.6.3 Parameter

Name: domainFQDN

Description: This is the Fully Qualified Domain Name (FQDN) that needs to be turned into a Distinguished Name (DN).

1.6.4 Example

```
PS> Convert-FQDNtoDN -domainFQDN 'poshsec.com'
DC=poshsec,DC=com

PS> Convert-FQDNtoDN 'dev.contoso.net'
DC=dev,DC=contoso,DC=NET
```

1.6.5 Notes

This is a PoshSec Utility Function

1.7 Confirm-IsAdministrator

1.7.1 Synopsis

Checks to see if user is running as administrator

1.7.2 Description

This function checks to see if the user is currently running as an administrator

1.7.3 Example

```
PS> Confirm-IsAdministrator
False

PS> if (Confirm-IsAdministrator) { Write-Host "You are an admin" }
You are an admin
```

1.7.4 Notes

Part of the PoshSec PowerShell Module.

1.8 Confirm-Windows8Plus

1.8.1 Synopsis

Checks to see if the computer is using Windows 8 or above.

1.8.2 Description

Checks to see if the computer is using Windows 8 or above.

1.8.3 Examples

```
PS C:\> Confirm-Windows8Plus  
True
```

1.8.4 Notes

Part of the PoshSec PowerShell Module

Getting Started Developing for PoshSec

This is the definitive guide to getting started developing for PoshSec.

2.1 Environment

We recommend that you use Visual Studio Code with the PowerShell add on to develop for PoshSec

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CHAPTER 4

Help

To obtain help with PoshSec, do one of the following

- File an issue on *Github* <<https://github.com/PoshSec/PoshSec>>
- Tweet at @PoshSec
- Email team@poshsec.com