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PowerShell

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PowerShell Get-Help on command 'New-TlsSessionTicketKey'

PS C:\Users\wahid> Get-Help New-TlsSessionTicketKey

NAME

New-TlsSessionTicketKey

SYNOPSIS

Creates a TLS session ticket key configuration file.

SYNTAX

```
New-TlsSessionTicketKey [-Password] <System.Security.SecureString> [[-Path]
<System.String>] [<CommonParameters>]
```

DESCRIPTION

The `New-TlsSessionTicketKey` cmdlet creates a password protected Transport Layer Security (TLS) Session Ticket key configuration file.

TLS creates a session ticket by using the TLS Session Resumption without Server-Side State mechanism. This mechanism helps to improve the performance of TLS. The TLS server uses this mechanism to create a key to encrypt a session ticket. The client can later use the encrypted session ticket to resume communication with the TLS server. Otherwise, the client must restart

the communication by acquiring of new session ticket. For more information, see RFC 5077, Transport Layer Security (TLS) Session Resumption without Server-Side State (<http://rfc5077.openrfc.org/>).

PARAMETERS

`-Password <System.Security.SecureString>`

Specifies the password, as a secure string, for the configuration file of the TLS server.

`-Path <System.String>`

Specifies the path of the configuration file for the TLS server. The cmdlet outputs the generated configuration file to this path.

`<CommonParameters>`

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see `about_CommonParameters` (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Create a TLS session ticket key -----

```
$Password = Read-Host -AsSecureString
New-TlsSessionTicketKey -Password $Password -Path
'C:\KeyConfig\TlsSessionTicketKey.config'
```

The first command prompts the user to enter a password by using the `Read-Host` cmdlet. The command masks the password that the user types at the prompt. For more information, type `Get-Help Read-Host`. The command stores the password in the `$Password` variable.

The second command creates the session ticket key configuration file which can be used to enable the TLS session ticket for a service account. The command

specifies the path for the output configuration file on the TLS server, and specifies that the TLS session use the password stored in ` \$Password ` to access the configuration file.

REMARKS

To see the examples, type: "get-help New-TlsSessionTicketKey -examples".

For more information, type: "get-help New-TlsSessionTicketKey -detailed".

For technical information, type: "get-help New-TlsSessionTicketKey -full".

For online help, type: "get-help New-TlsSessionTicketKey -online"