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Windows PowerShell Get-Help on Cmdlet 'Get-SecureBootUEFI'

PS:\>Get-HELP Get-SecureBootUEFI -Full

NAME

Get-SecureBootUEFI

SYNOPSIS

Gets the UEFI variable values related to Secure Boot.

SYNTAX

```
Get-SecureBootUEFI [-Name] {PK | KEK | db | dbx | SetupMode | SecureBoot | PKDefault | KEKDefault | dbDefault | dbxDefault | dbt | dbtDefault} [-OutputFilePath <String>] [<CommonParameters>]
```

DESCRIPTION

The Get-SecureBootUEFI cmdlet gets the UEFI variable values related to Secure Boot which are: SetupMode, SecureBoot, KEK, PK, SignatureDatabase (DB), and forbidden SignatureDatabase (DBX).

If the computer does not support Secure Boot or is a BIOS (non-UEFI) computer, this cmdlet displays the following:

`Cmdlet not supported on this platform.`

If the variable does not exist, this cmdlet displays the following:

`Variable is currently undefined.`

If Windows PowerShell is not run in administrator mode, this cmdlet displays the following:

`Unable to set proper privileges. Access was denied.`

PARAMETERS

-Name <String>

Specifies the name of the UEFI environment variable.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-OutputFilePath <String>

Specifies the output file path of the UEFI environment variable.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

<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>).

INPUTS

`System.String`

You can pipe a string that represents the UEFI variable name to this cmdlet.

OUTPUTS

`Microsoft.SecureBoot.Commands.UEFIEnvironmentVariable`

This cmdlet returns a `UEFIEnvironmentVariable` object that contains the following properties:

- Name - Bytes - Attributes

NOTES

----- Example 1: Get information about PK -----

```
PS C:\>Get-SecureBootUefi -Name PK | Format-List
```

Name : PK

Bytes : {161, 89, 192, 165...}

Attributes : NON VOLATILE

BOOTSERVICE ACCESS

RUNTIME ACCESS

TIME BASED AUTHENTICATED WRITE ACCESS

This command gets information about PK from the UEFI variable.

RELATED LINKS

https://learn.microsoft.com/powershell/module/secureboot/get-securebootuefi?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Confirm-SecureBootUEFI

Format-SecureBootUEFI

Get-SecureBootPolicy

Set-SecureBootUEFI