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Windows PowerShell Get-Help on Cmdlet 'Add-LocalGroupMember'

PS:\>Get-HELP Add-LocalGroupMember -Full

NAME

   Add-LocalGroupMember

SYNOPSIS

   Adds members to a local group.

SYNTAX

              Add-LocalGroupMember   [-Group]   <Microsoft.PowerShell.Commands.LocalGroup>   [-Member]
<Microsoft.PowerShell.Commands.LocalPrincipal[]> [-Confirm] [-WhatIf]

   [<CommonParameters>]

      Add-LocalGroupMember [-Name] <System.String> [-Member] <Microsoft.PowerShell.Commands.LocalPrincipal[]>
[-Confirm] [-WhatIf] [<CommonParameters>]

              Add-LocalGroupMember   [-SID]   <System.Security.Principal.SecurityIdentifier>   [-Member]
<Microsoft.PowerShell.Commands.LocalPrincipal[]> [-Confirm] [-WhatIf]

   [<CommonParameters>]

DESCRIPTION

   The `Add-LocalGroupMember` cmdlet adds users or groups to a local security group. All the rights and permissions that are assigned to a group are assigned to all

  members of that group.

   Members of the Administrators group on a local computer have Full Control permissions on that computer. Limit the number of users in the Administrators group.

   If the computer is joined to a domain, you can add user accounts, computer accounts, and group accounts from that domain and from trusted domains to a local group.

   > [!NOTE] > If the computer is joined to a domain and you try to add a local user that has the same name as a > member of the domain it adds the domain member.

PARAMETERS

  -Group <Microsoft.PowerShell.Commands.LocalGroup>

    Specifies the security group to which this cmdlet adds members.

    Required?   true

    Position?   0

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

  -Member <Microsoft.PowerShell.Commands.LocalPrincipal[]>

    Specifies an array of users or groups that this cmdlet adds to a security group. You can specify users or groups by name, security ID (SID), or LocalPrincipal

    objects.

    Required?   true

    Position?   1

    Default value   None

Accept pipeline input?   True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the security group to which this cmdlet adds members.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-SID <System.Security.Principal.SecurityIdentifier>

Specifies the security ID of the security group to which this cmdlet adds members.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?   false

Position?   named

Default value   False

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.Management.Automation.SecurityAccountsManager.LocalGroup

You can pipe a local principal to this cmdlet.

System.String

You can pipe a string to this cmdlet.

System.Security.Principal.SecurityIdentifier

You can pipe a SID to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

Windows PowerShell includes the following aliases for `Add-LocalGroupMember`:

- `algm`

The Microsoft.PowerShell.LocalAccounts module is not available in 32-bit PowerShell on a 64-bit system.

The PrincipalSource property is a property on LocalUser , LocalGroup , and LocalPrincipal objects that describes the source of the object. The possible sources

are as follows:

- Local

- Active Directory

- Microsoft Entra group

- Microsoft Account PrincipalSource is supported only by Windows 10, Windows Server 2016, and later versions of the Windows operating system. For earlier

versions, the property is blank.

------ Example 1: Add members to the Administrators group ------

Add-LocalGroupMember -Group "Administrators" -Member "Admin02", "MicrosoftAccount\username@Outlook.com", "AzureAD\DavidChew@contoso.com", "CONTOSO\Domain Admins"

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/microsoft.powershell.localaccounts/add-localgroupmember?view=powershell-5.1&WT.mc_id=ps-gethelp

Get-LocalGroupMember

New-LocalGroup

Remove-LocalGroupMember