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# Powershell Commands and What They Do

WRITTEN BY [ALLEN WHITE](#) ON FEBRUARY 15, 2011. POSTED IN [EXCHANGE 2007](#), [EXCHANGE 2010](#), [SBS2008/2011](#), [SERVER 2008](#)

Below you will find a [list of powershell commands](#) and a description of what they do.

## Recipient management

Use these cmdlets to view, create, configure, and delete recipient objects.

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Cmdlet	Description
<b>Get-Contact</b>	View information about specified contacts or retrieve a list of the contacts stored in your shared address book.
<b>Set-Contact</b>	Change the properties of an existing contact. Note: If you want to be able to send e-mail to a contact, use the <b>*-MailContact</b> cmdlets.
<b>Get-DistributionGroup</b>	View information about specified public groups or retrieve a list of the public groups stored in your shared address book. In Outlook Live, distribution groups are called "public groups".
<b>New-DistributionGroup</b>	Create a public group.



<b>Remove-DistributionGroup</b>	Delete a public group.
<b>Set-DistributionGroup</b>	Change the properties of an existing public group.
<b>Add-DistributionGroupMember</b>	Add a recipient to an existing public group.
<b>Get-DistributionGroupMember</b>	View the members of an existing public group.
<b>Remove-DistributionGroupMember</b>	Delete a recipient from the membership of a public group.
<b>Update-DistributionGroupMember</b>	Overwrite the current membership of a distribution group.
<b>Get-DynamicDistributionGroup</b>	View the settings on an existing dynamic distribution group.
<b>New-DynamicDistributionGroup</b>	Create a dynamic distribution group whose members are programmatically calculated.
<b>Remove-DynamicDistributionGroup</b>	Delete a dynamic distribution group.
<b>Set-DynamicDistributionGroup</b>	Change the properties of an existing dynamic distribution group.
<b>Get-Group</b>	View all public groups configured for your organization. Note: Although you can view the security groups configured for you in the datacenter, you can't create additional security groups.
<b>Set-Group</b>	Change the properties of a public group in your organization. Note: Use the <b>*-DistributionGroup</b> or <b>*-DynamicDistributionGroup</b> cmdlets to manage public groups.
<b>Get-LinkedUser</b>	View information about a linked user account. Linked user accounts are used for authentication in cross-premises scenarios and with Exchange Recipient Management Web Services. A local Windows account can be linked to an external user or a certificate.
<b>Set-LinkedUser</b>	Change the properties of a linked user account.
<b>Get-Mailbox</b>	View information about users who have a Windows Live ID in your organization and receive e-mail in an Outlook Live mailbox.
<b>New-Mailbox</b>	Create a new user in your organization who has a mailbox in Outlook Live.
<b>Remove-Mailbox</b>	Delete a mailbox. The contents of the mailbox and the corresponding Windows Live ID are also deleted.
<b>Set-Mailbox</b>	Change the settings of an existing mailbox.
<b>Get-MailboxPlan</b>	View information about the mailbox plans available to your organization and their settings. A mailbox plan is a user provisioning template.
<b>Set-MailboxPlan</b>	Change the display name of a mailbox plan, or set an alternative mailbox plan as the default.
<b>Get-MailContact</b>	View information about a specified external contact or contacts.
<b>New-MailContact</b>	Create a shared address book listing for an external contact.
<b>Remove-MailContact</b>	Delete a contact from the shared address book.
<b>Set-MailContact</b>	Change the settings of an existing external contact.
<b>Get-MailUser</b>	View information about a user who has a Windows Live ID in your organization and receives e-mail at an external e-mail address.



## New-MailUser

## Remove-MailUser

## Set-MailUser

## Get-User

## Set-User

Create a new user in your organization and specify an external e-mail address.

Delete a user who receives e-mail at an external address.

Change the settings of a user who receives e-mail at an external address.

View information about a user who has a Windows Live ID in your organization.

Change the properties of an existing user account.



# Domain management

Use these cmdlets to view and configure settings that affect everyone in your domain.

Cmdlet	Description
<b>Set-AcceptedDomain</b>	Configure the settings for an accepted domain that you have enrolled with Outlook Live.
<b>Get-RemoteDomain</b>	View the configuration information for all remote domains or for a specific remote domain.
<b>New-RemoteDomain</b>	Create a new remote domain entry so that you can configure message formatting and policy for messages sent to that domain.
<b>Remove-RemoteDomain</b>	Remove a remote domain entry.
<b>Set-RemoteDomain</b>	Configure the message formatting and policy settings for an existing remote domain entry.
<b>Get-TransportConfig</b>	View transport configuration settings such as the language in which Delivery Status Notifications (DSN) are sent.
<b>Set-TransportConfig</b>	Change transport configuration settings such as DSN language.

# Permissions

Use these cmdlets to view, assign, and remove the permissions delegated to users in your domain.

Cmdlet	Description
<b>Add-MailboxFolderPermission</b>	Grant a user permission to access a folder in another user's mailbox. For example, you can give a user permission to manage another user's calendar. The target folder is specified in this format: <i>alias:foldername</i> .
<b>Get-MailboxFolderPermission</b>	View the permissions that are assigned to a specific folder in a user's mailbox.
<b>Remove-MailboxFolderPermission</b>	Remove permissions from a user to remove access to a specific folder in another user's mailbox.
<b>Get-ManagementRole</b>	View the management roles available in your organization.
<b>New-ManagementRole</b>	Create a new management role that is based on an existing role.
<b>Remove-ManagementRole</b>	Remove a management role. You can only remove roles that you have created. You can't remove the built-in roles.
<b>Get-ManagementRoleAssignment</b>	View the management roles currently assigned to a specific user.
<b>New-ManagementRoleAssignment</b>	Assign a new management role to a user.



<b>Remove-ManagementRoleAssignment</b>	Remove a management role from a user.
<b>Set-ManagementRoleAssignment</b>	Change the settings of a management role assignment, such as the associated management scope.
<b>Add-ManagementRoleEntry</b>	Add access to a specific cmdlet and parameters to an existing management role.
<b>Get-ManagementRoleEntry</b>	View the cmdlets and parameters available to an existing management role.
<b>Remove-ManagementRoleEntry</b>	Remove access to a cmdlet from an existing management role.
<b>Set-ManagementRoleEntry</b>	Add or remove access to a parameter.
<b>Get-ManagementScope</b>	View the management scopes defined for your organization. A management scope determines the objects that are available to a user. For example, the management scope for a typical user is limited to his or her account. The management scope for an organization administrator is all objects in the domain.
<b>New-ManagementScope</b>	Define a new management scope.
<b>Remove-ManagementScope</b>	Remove a management scope. You can only remove management scopes that you defined.
<b>Set-ManagementRoleEntry</b>	Add or remove access to a parameter.
<b>Set-ManagementScope</b>	Change the definition for an existing management scope.

## Policy

Use these cmdlets to view and establish policies that determine how e-mail sent to or from your domain is processed and to control how users connect to their mailboxes.

Cmdlet	Description
<b>Get-ActiveSyncMailboxPolicy</b>	View the policies that can be applied to Exchange ActiveSync devices connected to mailboxes in your organization and the settings configured for those policies.
<b>New-ActiveSyncMailboxPolicy</b>	Create a new policy that can be applied to mailboxes in your organization to enforce the settings of connected Exchange ActiveSync devices.
<b>Remove-ActiveSyncMailboxPolicy</b>	Remove an existing Exchange ActiveSync mailbox policy.
<b>Set-ActiveSyncMailboxPolicy</b>	Configure the settings of an existing policy that is applied to mailboxes in your organization to enforce the settings of connected Exchange ActiveSync devices.
<b>Get-OWAMailboxPolicy</b>	View the policies that can be applied to mailboxes that connect by using Outlook Web App and the settings configured for those policies.
<b>New-OWAMailboxPolicy</b>	Create a new policy that can be applied to mailboxes in your organization to enforce the settings of Outlook Web App connections.
<b>Remove-OWAMailboxPolicy</b>	Remove an existing policy that is used to enforce the settings of Outlook Web App connections.
<b>Set-OwaMailboxPolicy</b>	Configure the settings of an existing policy that is applied to mailboxes in your organization to enforce the settings of Outlook Web App connections.
<b>Add-SupervisionListEntry</b>	Add an entry to the Allow list or Reject list of a specified user.
<b>Get-SupervisionListEntry</b>	View the Allow entry and Reject entry defined for a specified user.



<b>Remove-SupervisionListEntry</b>	Remove an entry from a specified user's Allow list or Reject list.
<b>Get-SupervisionPolicy</b>	View the settings of the supervision policies for your organization.
<b>Set-SupervisionPolicy</b>	Configure the settings of a supervision policy.



## Reporting and troubleshooting

Use these cmdlets to view configuration settings and statistics for your domain.

Cmdlet	Description
<b>Get-ActiveSyncDeviceStatistics</b>	View the list of mobile phones configured to synchronize with a specified user's mailbox and synchronization statistics for each device. The information returned includes statistics such as the last time synchronization was attempted and the device identification.
<b>Get-AdminAuditLogConfig</b>	View configuration settings for the current administrator audit logging.
<b>Set-AdminAuditLogConfig</b>	Configure the settings for administrator audit logging. You can specify the cmdlets for which you want to track usage.
<b>Get-LogonStatistics</b>	View information about open logon sessions to a specified mailbox, such as user name, logon time, and last access time. A user must sign out to close a logon session; therefore multiple sessions may appear for users who just close their browser.
<b>Get-MailboxStatistics</b>	View information about a specified mailbox, such as the size of the mailbox, the number of messages it contains, and the last time that it was accessed.
<b>Get-MessageLatencyReport</b>	Generate and view a report of message latency metrics for a specific date range.
<b>Get-Recipient</b>	View information about recipients of all types in your organization. Results returned include mailboxes, mail users, contacts, public groups, and dynamic distribution groups.
<b>Get-ThrottlingPolicy</b>	View information about the limits for concurrent connections per protocol for your organization.
<b>Get-TransportConfig</b>	View transport settings, such as message size limits.
<b>Test-ExchangeSearch</b>	Test to verify that Exchange Search is enabled and is indexing new e-mail messages in a timely manner for a specified mailbox. Exchange Search indexes new e-mail messages as they arrive to speed up user searches for messages containing specific words or phrases.
<b>Test-MAPIConnectivity</b>	Test to verify that a specified mailbox can connect by using the MAPI protocol, which is used by Microsoft Office Outlook.

## Client access settings

Use these cmdlets to configure and control how users access Outlook Live.

Cmdlet	Description
<b>Clear-ActiveSyncDevice</b>	Clear the contents of a mobile device that is using Exchange ActiveSync to connect to a mailbox in your organization. This command is typically used when a device is lost or stolen.
<b>Get-ActiveSyncDevice</b>	View a list of mobile devices that are using Exchange ActiveSync to connect to mailboxes in your organization.



<b>Remove-ActiveSyncDevice</b>	Remove an Exchange ActiveSync connection for a mobile device from a mailbox. You have to know the name of the mobile device and the user's mailbox.
<b>Get-CASMailbox</b>	View the protocols that are enabled for client connections for one or more mailboxes in your organization.
<b>Set-CASMailbox</b>	Configure the client access connection protocols that are enabled for a specific mailbox.
<b>Get-CASMailboxPlan</b>	View the default client access settings that are applied to new mailboxes in your organization.
<b>Get-HotmailSubscription</b>	View the settings of a Hotmail subscription that is configured for a specified mailbox.
<b>New-HotmailSubscription</b>	Add a Hotmail subscription to a mailbox for e-mail aggregation. You have to know the Windows Live ID and password for the Hotmail account, but if you have that information, you can create a subscription on behalf of another user.
<b>Set-HotmailSubscription</b>	Change the settings of a Hotmail subscription that is configured for a specified mailbox.
<b>Get-PopSubscription</b>	View the POP subscription information for a specified mailbox. Use this command to help troubleshoot POP connection problems for users.
<b>New-PopSubscription</b>	Add a POP subscription to a mailbox for external e-mail aggregation. You have to know the user name and password for the POP account, but if you have that information, you can create a subscription on behalf of another user.
<b>Set-PopSubscription</b>	Configure the settings of a POP subscription for a mailbox.
<b>Get-Subscription</b>	View external e-mail account subscriptions for a specified mailbox. Use this command when you are unsure of what kind of subscription a user has configured.
<b>New-Subscription</b>	Add a subscription to a mailbox for external e-mail aggregation. This command tries to automatically configure settings for an account without your having to specify the connection protocol.
<b>Remove-Subscription</b>	Remove a subscription to an external e-mail account from a user's mailbox.

Tags: [powershell](#)



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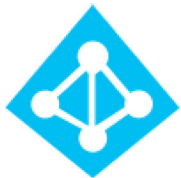
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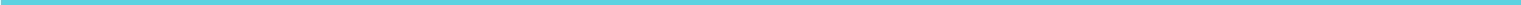


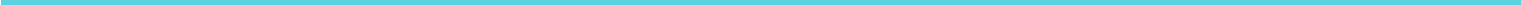
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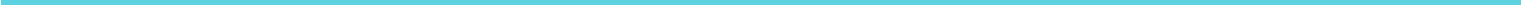


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