

# Get-GlobalAddressList (ExchangePowerShell)

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This cmdlet is available in on-premises Exchange and in the cloud-based service. Some parameters and settings might be exclusive to one environment or the other.

Use the Get-GlobalAddressList cmdlet to view a global address list (GAL) or a set of GALs.

In Exchange Online, this cmdlet is available only in the Address Lists role, and by default, the role isn't assigned to any role groups. To use this cmdlet, you need to add the Address Lists role to a role group (for example, to the Organization Management role group). For more information, see [Add a role to a role group](#).

For information about the parameter sets in the Syntax section below, see [Exchange cmdlet syntax](#).

```
Get-GlobalAddressList
  [-DefaultOnly]
  [-DomainController <Fqdn>]
  [<CommonParameters>]
```

```
Get-GlobalAddressList
  [[-Identity] <GlobalAddressListIdParameter>]
  [-DomainController <Fqdn>]
  [<CommonParameters>]
```

The Get-GlobalAddressList cmdlet is mainly used to populate the GAL property pages in the Exchange admin center. This command doesn't provide a filtering capability. If filtering is required, you should use a WHERE clause with the command.

You need to be assigned permissions before you can run this cmdlet. Although this article lists all parameters for the cmdlet, you might not have access to some parameters if they aren't included in the permissions assigned to

you. To find the permissions required to run any cmdlet or parameter in your organization, see [Find the permissions required to run any Exchange cmdlet](#).

```
Get-GlobalAddressList
```

This example returns a summary list of all GALs.

```
Get-GlobalAddressList -Identity GAL_AgencyB | Format-List
```

This example returns detailed information about the GAL named GAL\_AgencyB.

Applicable: Exchange Server 2010, Exchange Server 2013, Exchange Server 2016, Exchange Server 2019, Exchange Server SE, Exchange Online

The DefaultOnly switch filters the results so only the default GAL is returned. You don't need to use a value with this switch.

Type:	SwitchParameter
Default value:	None
Supports wildcards:	False
DontShow:	False

▼ DefaultOnly

Position:	Named
Mandatory:	True
Value from pipeline:	False
Value from pipeline by property name:	False
Value from remaining arguments:	False

Applicable: Exchange Server 2010, Exchange Server 2013, Exchange Server 2016, Exchange Server 2019, Exchange Server SE

This parameter is available only in on-premises Exchange.

The DomainController parameter specifies the domain controller that's used by this cmdlet to read data from or write data to Active Directory. You identify the domain controller by its fully qualified domain name (FQDN). For example, dc01.contoso.com.

Type:	Fqdn
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Default value:	None
Supports wildcards:	False
DontShow:	False

▼ (All)

Position:	Named
Mandatory:	False
Value from pipeline:	False
Value from pipeline by property name:	False
Value from remaining arguments:	False

Applicable: Exchange Server 2010, Exchange Server 2013, Exchange Server 2016, Exchange Server 2019, Exchange Server SE, Exchange Online

The Identity parameter specifies the global address list that you want to view. You can use any value that uniquely identifies the GAL. For example:

- Name
- Distinguished name (DN)
- GUID

**Caution:** The value \$null or a non-existent value for the Identity parameter returns *all* objects as if you ran the Get- command without the Identity parameter. Verify any lists of values for the Identity parameter are accurate and don't contain non-existent \$null values.

Type:	GlobalAddressListIdParameter
Default value:	None
Supports wildcards:	False
DontShow:	False

▼ Identity

Position:	1
Mandatory:	False
Value from pipeline:	True
Value from pipeline by property name:	True
Value from remaining arguments:	False

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutBuffer, -OutVariable, -PipelineVariable, -ProgressAction, -Verbose, -WarningAction, and -WarningVariable. For more information, see [about CommonParameters](#).

## Input types

To see the input types that this cmdlet accepts, see [Cmdlet Input and Output Types](#). If the Input Type field for a cmdlet is blank, the cmdlet doesn't accept input data.

## Output types

To see the return types, which are also known as output types, that this cmdlet accepts, see [Cmdlet Input and Output Types](#). If the Output Type field is blank, the cmdlet doesn't return data.

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Source: <https://docs.microsoft.com/en-us/powershell/module/exchange/email-addresses-and-address-books/get-globaladdresslist>