



Integrate Microsoft Exchange with the IM and Presence Service over Exchange Web Services

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Microsoft Exchange 2007 Configuration over Exchange Web Services

Before You Begin

Note that the steps required to configure Exchange Server 2007 differ depending on whether you use Windows Server 2003 or Windows Server 2008.

You must complete the following tasks when configuring access to mailboxes on the Exchange Server 2007. For detailed instructions, see the Exchange Server 2007 documentation at the following URL:[http://technet.microsoft.com/en-us/library/bb124558\(EXCHG.80\).aspx](http://technet.microsoft.com/en-us/library/bb124558(EXCHG.80).aspx).

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Tip

The IM and Presence Service only requires impersonation permissions on the account to enable it to log in to that account when it connects to the Exchange Server. Note that this account does not typically receive mail so you do not need to be concerned about allocating space for it.

Windows Security Policy Settings

IM and Presence Service integration with Microsoft Exchange supports various authentication methods including Windows Integrated authentication (NTLM).



Note

The IM and Presence Service supports NTLMv1 Windows Integrated authentication only and does not currently support NTLMv2.

Some Windows network security policies allow NTLMv2 authentication only, which prevents the integration between the IM and Presence Service and Exchange from functioning. You must verify that NTLMv2 authentication is not enabled on each Windows server running Exchange. If NTLMv2 authentication is enabled, disable the setting and reboot the server to properly apply the new security setting.

Verifying Windows Security Settings

Procedure

-
- Step 1** On the Windows Server running Exchange, choose **Start > Administrative Tools > Local Security Policy**.
 - Step 2** Navigate to **Security Settings > Local Policies > Security Options**.
 - Step 3** Choose **Network Security: Minimum session security for NTLM SSP based (including secure RPC) servers**.
 - Step 4** Verify that the **Require NTLMv2 session security** check box is unchecked.
 - Step 5** If the **Require NTLMv2 session security** check box is checked, complete the following steps:
 - a) Uncheck the check box **Require NTLMv2 session security**.
 - b) Click **OK**.
 - Step 6** Reboot the Windows Server running Exchange to apply the new security settings.
-

Grant Users Permission to Sign in to the Service Account Locally

Complete one of the following procedures to configure users to log in to the service account locally.

Before you begin

- For Exchange impersonation to work, all Microsoft Exchange servers must be members of the Windows Authorization Access Group.
- The service account should not be a member of any of the Exchange Administrative Groups. Exchange explicitly denies Impersonation for all accounts in those groups.

Configuring Microsoft Exchange 2007 on Windows Server 2003

Procedure

- Step 1** Log in to the Exchange Server 2007 user interface using a service account that has been delegated the Exchange View Only Administrator role.
 - Step 2** In the left pane, under Security Settings, navigate to **Local Policies > User Rights Assignments**.
 - Step 3** In the right pane of the console, double-click **Allow Log On Locally**.
 - Step 4** Choose **Add User or Group** then navigate to the service account that you created and choose it.
 - Step 5** Choose **Check Names**, and verify that the specified user is correct.
 - Step 6** Click **OK**.
-

What to Do Next

[Setting Impersonation Permissions at the Server Level](#) , on page 4

Configuring Microsoft Exchange 2007 on Windows Server 2008

Procedure

- Step 1** Log in to Exchange Server 2007 using a service account that has been delegated the Exchange View Only Administrator role.
 - Step 2** Choose Start.
 - Step 3** Type gpmmc.msc.
 - Step 4** Choose Enter.
 - Step 5** Open the **Domain Controller Security Settings** window on the Exchange Server.
 - Step 6** In the left pane, under **Security Settings**, navigate to **Local Policies > User Rights Assignments**.
 - Step 7** In the right pane of the console, double-click **Allow Log On Locally**.
 - Step 8** Ensure that the **Define these policy settings** check box is checked.
 - Step 9** Choose **Add User or Group** and navigate to the service account that you previously created and choose it. Then click **OK**.
 - Step 10** Choose **Check Names**, and verify that the specified user is correct. Then click **OK**.
 - Step 11** Click **Apply** then click **OK** in the **Allow Log On Locally Properties** dialog box.
 - Step 12** Determine if your users SMTP address is *alias@FQDN*. If it is not, you must impersonate using the user principal name (UPN). This is defined as *alias@FQDN*.
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What to Do Next

[Setting Impersonation Permissions at the Server Level](#) , on page 4

Setting Impersonation Permissions at the Server Level

The command in the following procedure allows you to grant impersonation permissions at the server level. You can also grant permissions at the database, user, and contact levels.

Before you begin

- If you wish to only grant the service account rights to access individual Microsoft Exchange servers, replace

```
Get-OrganizationConfig
```

with the string

```
Get-ExchangeServer -Identity ServerName
```

where *ServerName* is the name of the Exchange Server.

Example

```
Add-ADPermission -Identity (Get-ExchangeServer -Identity exchangeserver1).
DistinguishedName -User (Get-User -Identity user | select-object).identity
-ExtendedRights Send-As
```

- Verify that the SMTP address of your users is defined as *alias@FQDN*. If it is not, you must impersonate the user account using the User Principal Name (UPN).

Procedure

Step 1 Open the Exchange Management Shell (EMS) for command line entry.

Step 2 Run this Add-ADPermission command to add the impersonation permissions on the server.

Syntax

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity User | select-object).identity -AccessRights GenericAll -InheritanceType Descendants
```

Example

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity Ex2007 | select-object).identity -AccessRights GenericAll -InheritanceType
Descendants
```

What to Do Next

[Setting Active Directory Service Extended Permissions for the Service Account](#), on page 4

Setting Active Directory Service Extended Permissions for the Service Account

Before You Begin

You must set these permissions on the Client Access Server (CAS) for the service account that performs the impersonation.

- If the CAS is located behind a load-balancer, grant the **ms-Exch-EPI-Impersonation** rights to the Microsoft Exchange 2007 account for all CASs behind the load-balancer.
- If your mailbox servers are located on a different machine to the CASs, grant **ms-Exch-EPI-Impersonation** rights for the Exchange 2007 account for all mailbox servers.
- You can also set these permissions by using **Active Directory Sites and Services** or the **Active Directory Users and Computers** user interfaces.

Procedure

Step 1 Open the Exchange Management Shell (EMS).

Step 2 Run this Add-ADPermission command in the EMS to add the impersonation permissions on the server for the identified service account (for example, Exchange 2007).

Syntax

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User -Identity User | select-object).identity -ExtendedRight ms-Exch-EPI-Impersonation
```

Example

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User -Identity Ex2007 | select-object).identity -ExtendedRight ms-Exch-EPI-Impersonation
```

Step 3 Run this Add-ADPermission command in the EMS to add the impersonation permissions to the service account on each mailbox that it impersonates:

Syntax

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User -Identity User | select-object).identity -ExtendedRight ms-Exch-EPI-May-Impersonate
```

Example

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User -Identity Ex2007 | select-object).identity -ExtendedRight ms-Exch-EPI-May-Impersonate
```

What to Do Next

[Granting Send As Permissions to the Service Account and User Mailboxes](#), on page 5

Granting Send As Permissions to the Service Account and User Mailboxes

Follow this procedure to grant send as permissions to the service account and user mailboxes.



Note

You cannot use the Microsoft Exchange Management Console (EMC) to complete this step.

Procedure

- Step 1** Open the Exchange Management Shell (EMS).
- Step 2** Run this `Add-ADPermission` command in the EMS to grant Send As permissions to the service account and all associated mailbox stores:

Syntax

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity User | select-object).identity -ExtendedRights Send-As
```

Example

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity Ex2007 | select-object).identity -ExtendedRights Send-As
```

What to Do Next

[Granting Impersonation Permissions to the Service Account and User Mailboxes](#), on page 6

Granting Impersonation Permissions to the Service Account and User Mailboxes

Follow this procedure to grant impersonation permissions to the service account and user mailboxes.



Note

You cannot use the Microsoft Exchange Management Console (EMC) to complete this step.

Procedure

- Step 1** Open the Exchange Management Shell (EMS).
- Step 2** Run this `Add-ADPermission` command in the EMS to grant impersonation permissions on the service account all associated mailbox stores:

Syntax

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity User | select-object).identity -ExtendedRights Receive-As
```

Example

```
Add-ADPermission -Identity (Get-OrganizationConfig).DistinguishedName -User (Get-User
-Identity EX2007 | select-object).identity -ExtendedRights Receive-As
```

Note The IM and Presence Service only requires impersonation permissions on the account to enable it to log in to that account when it connects to the Exchange Server. This account does not typically receive mail so you do not need to be concerned about allocating space for it.

What to Do Next

[Verifying Permissions on the Microsoft Exchange 2007 Account](#), on page 7

Verifying Permissions on the Microsoft Exchange 2007 Account

After you have assigned the permissions to the Exchange 2007 account, you must verify that the permissions propagate to the mailbox level and that a specified user can access the mailbox and impersonate the account of another user. On Exchange 2007, it takes some time for the permissions to propagate to mailboxes.

Before You Begin

Delegate the appropriate permissions to the Exchange 2007 account. See, [Microsoft Exchange 2007 Configuration over Exchange Web Services](#), on page 1.

Procedure

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- Step 1** In the Exchange Management Console (EMC) on Exchange Server 2007, right-click **Active Directory Sites and Services** in the console tree.
 - Step 2** Point to **View**, and then choose **Show Services Node**.
 - Step 3** Expand the service node, for example, `Services/MS Exchange/First Organization/Admin Group/Exchange Admin Group/Servers`.
 - Step 4** Verify that the Client Access Server (CAS) is listed for the service node that you chose.
 - Step 5** View the “Properties” of each CAS, and under the Security tab, verify that:
 - a) Your service account is listed.
 - b) The permissions granted on the services account indicate (with a checked check box) that the Exchange Web Services Impersonation permission is allowed on the account.
- Note** If the account or the impersonation permissions do not display as advised in Step 5, you may need to recreate the service account and ensure that the required impersonation permissions are granted to the account.
- Step 6** Verify that the service account (for example, Ex2007) has been granted Allow impersonation permission on the storage group and the mailbox store to enable it to exchange personal information and to Send As and Receive-As another user account.
 - Step 7** You may be required to restart the Exchange Server for the changes to take effect. This has been observed during testing.
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What to Do Next

[Enable Authentication on the Exchange 2007 and Later Editions Virtual Directories](#)

Microsoft Exchange 2010 and 2013 Configuration over Exchange Web Services

Follow these tasks when configuring access to mailboxes on Exchange 2010 and 2013 servers.

- [Verifying Windows Security Settings](#), on page 9

- [Setting Exchange Impersonation Permissions for Specific Users or Groups](#)
- [Verify Permissions on the Microsoft Exchange 2010 Accounts, on page 12](#)

Before You Begin

Before you use Exchange Web Services (EWS) to integrate Exchange 2010 and 2013 servers with IM and Presence Service, ensure that you configure the throttle policy parameter values on the Exchange Server. These are the values that are required for the EWS calendaring integration to work with IM and Presence Service.

These are the commands and settings for Exchange Server 2010 and 2013.

Table 1: Recommended Throttle Policy Settings on Exchange Server 2010

Parameter	Recommended Configuration Value — Exchange Server 2010
EWSFastSearchTimeoutInSeconds	60
EWSFindCountLimit	1000
EWSMaxConcurrency	100 ¹
EWSMaxSubscriptions	Null
EWSPercentTimeInAD	50
EWSPercentTimeInCAS	90
EWSPercentTimeInMailboxRPC	60
¹ During Cisco testing, the default throttling policy value was sufficient to support 50% calendaring-enabled users. However, if you have a higher load of EWS requests to the Client Access Server (CAS), we recommend that you increase this parameter to 100.	

Table 2: Recommended Throttle Policy Settings on Exchange Server 2013

Parameter ¹	Recommended Configuration Value — Exchange Server 2013
EwsCutoffBalance	3000000
EwsMaxBurst	300000
EwsMaxConcurrency	100
EwsMaxSubscriptions	Unlimited
EwsRechargeRate	900000
¹ These are the only EWS parameters that can be changed in Exchange Server 2013.	

Related Topics

[Exchange Server 2010](#)

[Exchange Server 2013](#)

Windows Security Policy Settings

IM and Presence Service integration with Microsoft Exchange supports various authentication methods including Windows Integrated authentication (NTLM).



Note

The IM and Presence Service supports NTLMv1 Windows Integrated authentication only and does not currently support NTLMv2.

Some Windows network security policies allow NTLMv2 authentication only, which prevents the integration between the IM and Presence Service and Exchange from functioning. You must verify that NTLMv2 authentication is not enabled on each Windows server running Exchange. If NTLMv2 authentication is enabled, disable the setting and reboot the server to properly apply the new security setting.

Verifying Windows Security Settings

Procedure

- Step 1** On the Windows Server running Exchange, choose **Start > Administrative Tools > Local Security Policy**.
- Step 2** Navigate to **Security Settings > Local Policies > Security Options**.
- Step 3** Choose **Network Security: Minimum session security for NTLM SSP based (including secure RPC) servers**.
- Step 4** Verify that the **Require NTLMv2 session security** check box is unchecked.
- Step 5** If the **Require NTLMv2 session security** check box is checked, complete the following steps:
 - a) Uncheck the check box **Require NTLMv2 session security**.
 - b) Click **OK**.
- Step 6** Reboot the Windows Server running Exchange to apply the new security settings.

Set Exchange Impersonation Permissions for Specific Users or Groups for Exchange 2010

Complete the following procedure using the Microsoft Exchange Management Shell (EMS) to set the Exchange impersonation permissions for specific users or a group of users.

These are the commands and settings for Exchange Server 2010. If you are using Exchange Server 2013, follow the steps in [Set Exchange Impersonation Permissions for Specific Users or Groups for Exchange 2013, on page 11](#).

Procedure

- Step 1** Create the account in Active Directory.
- Step 2** Open the EMS for command line entry.
- Step 3** Run the `New-ManagementRoleAssignment` command in the EMS to grant a specified existing domain service account (for example, `Ex2010`) the permission to impersonate other user accounts:

Syntax

```
New-ManagementRoleAssignment -Name: _suImpersonateRoleAsg -Role:ApplicationImpersonation
-User: user@domain
```

Example

```
New-ManagementRoleAssignment -Name: _suImpersonateRoleAsg -Role:ApplicationImpersonation
-User: Ex2010@contoso.com
```

- Step 4** Run this `New-ManagementRoleAssignment` command to define the scope to which the impersonation permissions apply. In this example, the `Ex2010` account is granted the permission to impersonate all accounts on a specified Exchange Server.

Syntax

```
New-ManagementScope -Name: _suImpersonateScope -ServerList: server_name
```

Example

```
New-ManagementScope -Name: _suImpersonateScope -ServerList: nw066b-227
```

- Step 5** Run the `New-ThrottlingPolicy` command to create a new Throttling Policy with the recommended values defined in [Microsoft Exchange 2010 and 2013 Configuration over Exchange Web Services, on page 7](#).

Syntax

```
New-ThrottlingPolicy -Name: Policy_Name -EwsMaxConcurrency:100 -EwsPercentTimeInAD:50
-EwsPercentTimeInCAS:90 -EwsPercentTimeInMailboxRPC:60 -EwsMaxSubscriptions:NULL
-EwsFastSearchTimeoutInSeconds:60 -EwsFindCountLimit:1000
```

Example

```
New-ThrottlingPolicy -Name: IM_and_Presence_ThrottlingPolicy -EwsMaxConcurrency:100
-EwsPercentTimeInAD:50 -EwsPercentTimeInCAS:90 -EwsPercentTimeInMailboxRPC:60
-EwsMaxSubscriptions:NULL -EwsFastSearchTimeoutInSeconds:60 -EwsFindCountLimit:1000
```

Note: Only available with supported Exchange SP1.

- Step 6** Run the `Set-ThrottlingPolicyAssociation` command to associate the new Throttling Policy with the service account used in Step 2.

Syntax

```
Set-ThrottlingPolicyAssociation -Identity Username -ThrottlingPolicy Policy_Name
```

Example

```
Set-ThrottlingPolicyAssociation -Identity Ex2010 -ThrottlingPolicy
IM_and_Presence_ThrottlingPolicy
```

What to Do Next

[Verify Permissions on the Microsoft Exchange 2010 Accounts](#), on page 12

Related Topics

[Exchange Server 2010](#)

[Exchange Server 2013](#)

Set Exchange Impersonation Permissions for Specific Users or Groups for Exchange 2013

Complete the following procedure using the Microsoft Exchange Management Shell (EMS) to set the Exchange impersonation permissions for specific users or a group of users.

These are the commands and settings for Exchange Server 2013. If you are using Exchange Server 2010, follow the steps in [Set Exchange Impersonation Permissions for Specific Users or Groups for Exchange 2010](#), on page 9.

Procedure

- Step 1** Create the account in Active Directory.
- Step 2** Open the EMS for command line entry.
- Step 3** Run the `New-ManagementRoleAssignment` command in the EMS to grant a specified existing domain service account (for example, *Ex2013*) the permission to impersonate other user accounts:

Syntax

```
New-ManagementRoleAssignment -Name:_suImpersonateRoleAsg -Role:ApplicationImpersonation  
-User:user@domain
```

Example

```
New-ManagementRoleAssignment -Name:_suImpersonateRoleAsg -Role:ApplicationImpersonation  
-User:Ex2013@contoso.com
```

- Step 4** Run this `New-ManagementRoleAssignment` command to define the scope to which the impersonation permissions apply. In this example, the *Ex2013* account is granted the permission to impersonate all accounts on a specified Exchange Server.

Syntax

```
New-ManagementScope -Name:_suImpersonateScope -ServerList:server_name
```

Example

```
New-ManagementScope -Name:_suImpersonateScope -ServerList:nw066b-227
```

- Step 5** Run the `New-ThrottlingPolicy` command to create a new Throttling Policy with the recommended values defined in

Syntax

```
New-ThrottlingPolicy -Name:Policy_Name -EwsMaxConcurrency:100 -EwsMaxSubscriptions:NULL  
-EwsCutoffBalance 3000000 -EwsMaxBurst 300000 -EwsRechargeRate 900000
```

Example

```
New-ThrottlingPolicy -Name IMP_ThrottlingPolicy -EwsMaxConcurrency 100 -EwsMaxSubscriptions
unlimited -EwsCutoffBalance 3000000 -EwsMaxBurst 300000 -EwsRechargeRate 900000
```

Note: Only available with supported Exchange SP1.

- Step 6** Run the Set-ThrottlingPolicyAssociation command to associate the new Throttling Policy with the service account used in Step 2.

Syntax

```
Set-ThrottlingPolicyAssociation -Identity Username -ThrottlingPolicy Policy_Name
```

Example

```
Set-ThrottlingPolicyAssociation -Identity ex2013 -ThrottlingPolicy IMP_ThrottlingPolicy
```

What to Do Next

Verify Permissions on the Microsoft Exchange 2010 Accounts

After you have assigned the permissions to the Exchange 2010 account, you must verify that the permissions propagate to mailbox level and that a specified user can access the mailbox and impersonate the account of another user. On Exchange 2010, it takes some time for the permissions to propagate to mailboxes.

These are the commands for Exchange Server 2010. If you are using Exchange Server 2013, follow the steps in [Verify Permissions on the Microsoft Exchange 2013 Accounts](#), on page 13.

Procedure

- Step 1** On the Active Directory Server, verify that the Impersonation account exists.
- Step 2** Open the Exchange Management Shell (EMS) for command line entry.
- Step 3** On the Exchange Server verify that the service account has been granted the required Impersonation permissions:
- Run this command in the EMS:


```
Get-ManagementRoleAssignment -Role ApplicationImpersonation
```
 - Ensure that the command output indicates role assignments with the Role ApplicationImpersonation for the specified account as follows:

Example Command Output

Name - - - -	Role - - -	Role AssigneeName	Role AssigneeType	Assignment Method - - -	Effective UserName
_suImpersonate RoleAs	Application Impersonation	ex2010	User	Direct	ex2010

- Step 4** Verify that the management scope that applies to the service account is correct:

- a) Run this command in the EMS:

```
Get-ManagementScope _suImpersonateScope
```

- b) Ensure that the command output returns the impersonation account name as follows:

Example Command Output

Name - - -	Scope RestrictionType	Exclusive	Recipient Root - -	Recipient Filter -	Server Filter- - -
_suImpersonate Scope	ServerScope	False	User	Direct	Distinguished Name

- Step 5** Verify that the ThrottlingPolicy parameters match what is defined in [Microsoft Exchange 2010 and 2013 Configuration over Exchange Web Services, on page 7](#) by running this command in the EMS.

```
Get-ThrottlingPolicy -Identity Policy_Name | findstr ^EWS
```

What to Do Next

[Enable Authentication on the Exchange 2007 and Later Editions Virtual Directories](#)

Related Topics

[Exchange Server 2010](#)

[Exchange Server 2013](#)

Verify Permissions on the Microsoft Exchange 2013 Accounts

After you have assigned the permissions to the Exchange 2013 account, you must verify that the permissions propagate to mailbox level and that a specified user can access the mailbox and impersonate the account of another user. On Exchange 2013, it takes some time for the permissions to propagate to mailboxes.

These are the commands for Exchange Server 2013. If you are using Exchange Server 2010, follow the steps in [Verify Permissions on the Microsoft Exchange 2010 Accounts, on page 12](#).

Procedure

- Step 1** On the Active Directory Server, verify that the Impersonation account exists.
- Step 2** Open the Exchange Management Shell (EMS) for command line entry.
- Step 3** On the Exchange Server verify that the service account has been granted the required Impersonation permissions:
- a) Run this command in the EMS:
- ```
Get-ManagementRoleAssignment -Role ApplicationImpersonation
```
- b) Ensure that the command output indicates role assignments with the Role ApplicationImpersonation for the specified account as follows:

**Example Command Output**

| Name - - -           | Role - - -                | Role AssigneeName | Role AssigneeType | Assignment Method - - | Effective UserName |
|----------------------|---------------------------|-------------------|-------------------|-----------------------|--------------------|
| _suImpersonateRoleAs | Application Impersonation | ex2010            | User              | Direct                | ex2010             |

**Step 4** Verify that the management scope that applies to the service account is correct:

a) Run this command in the EMS:

```
Get-ManagementScope _suImpersonateScope
```

b) Ensure that the command output returns the impersonation account name as follows:

**Example Command Output**

| Name - - -          | Scope RestrictionType | Exclusive | Recipient Root - - | Recipient Filter - - | Server Filter - -  |
|---------------------|-----------------------|-----------|--------------------|----------------------|--------------------|
| _suImpersonateScope | ServerScope           | False     | User               | Direct               | Distinguished Name |

**Step 5** Verify that the ThrottlingPolicy parameters match what is defined in XREF by running this command in the EMS.

```
Get-ThrottlingPolicy -Identity IMP_ThrottlingPolicy | Format-List | findstr ^Ews
```

**Step 6** Verify that they ThrottlingPolicy has been associated with the Exchange Account.

```
Get-ThrottlingPolicyAssociation -Identity ex2013
```

## Enable Authentication on the Exchange Virtual Directories

### Before You Begin

For the Exchange Web Services (EWS) integration to work properly, Basic Authentication, Windows Integrated Authentication, or both must be enabled on the EWS virtual directory (/EWS) for Exchange Server 2007, 2010, and 2013.

## Enabling Authentication on Exchange 2007 Running Windows Server 2003

### Procedure

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- Step 1** From Administrative Tools, open **Internet Information Services** and choose the server.
- Step 2** Choose **Web Sites**.
- Step 3** Choose **Default Web Site**.
- Step 4** Right-click EWS directory folder and choose **Properties**.
- Step 5** Choose the **Directory Security** tab.
- Step 6** Under **Authentication and access control**, click **Edit**.
- Step 7** Under **Authentication Methods**, verify that the following check box is unchecked:
- **Enable anonymous access**
- Step 8** Under **Authentication Methods Authenticated Access**, verify that both of the following check boxes are checked:
- **Integrated Windows authentication**
  - **Basic Authentication (password is sent in clear text)**
- Step 9** Click **OK**.
- 

### What to Do Next

[Configuring the Presence Gateway for Microsoft Exchange Integration](#)

## Enable Authentication on Exchange 2010 and 2013 Running Windows Server 2008

### Procedure

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- Step 1** From Administrative Tools, open **Internet Information Services** and choose the server.
- Step 2** Choose **Web Sites**.
- Step 3** Choose **Default Web Site**.
- Step 4** Choose **EWS**.
- Step 5** Under the IIS section, choose **Authentication**.
- Step 6** Verify that the following Authentication methods are enabled:
- **Anonymous Authentication**
  - **Windows Authentication and/or Basic Authentication**

**Step 7** Use the **Enable/Disable** link in the Actions column to configure appropriately.

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### What to Do Next

[Configuring the Presence Gateway for Microsoft Exchange Integration](#)

### Related Topics

[Managing Outlook Web App Virtual Directories](#)

[Enable or Disable SSL on Exchange Web Services Virtual Directories](#)