

## Using the SAT module with Active Directory

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT Server's Secure Ad Hoc Transfer module, v1.7 and later

### DISCUSSION

The Secure Ad Hoc Transfer (SAT) module can be configured to allow access by Active Directory (AD) group membership or to populate the **From** address with the current user's e-mail address from Active Directory. In order for these settings to function, in IIS, an alternate form of authentication such as **Basic authentication** or **Integrated Windows authentication** must be enabled in the **Authentication Methods** dialog box. Also, ensure that the **Enable anonymous access** check box is not selected. Refer to [IIS Authentication](#) for more information about IIS authentication settings.)

You must make changes in the SAT configuration file, **web.config**, for [AD-specific settings](#). Refer to KB article [Q10483 - HOWTO: Making SAT work with Active Directory](#) for an example.

The table below describes the Active Directory-related variables that can be edited in the **web.config** file.

<b>Variable</b>	<b>Description</b>	<b>Default / Range</b>
UseADExtensions	This setting enables or disables the Active Directory Server Configuration settings defined below.	False
AD-AuthorizedGroupListName	Defines the Active Directory group names used to specify which groups have access to SAT.	*

**NOTE:** A comma is used to separate a list of group names or \* will allow all groups access to SAT.

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Group List Examples:

"GROUP-01, GROUP-02,  
GROUP-03"

"\*"

**AD-SetFromFieldWithEmail** If the value is set to True, the True **From** e-mail address will obtain the current logged user's e-mail address from Active Directory.

**Path** Path utilized in LDAP query n/a including Host Name, Port, and BaseDN

Path Examples:

"LDAP://RootDSE"

"LDAP://DOMAIN:389/OU=XXXXX,DC=XXXX,DC=XXXX"

**SearchFilter** LDAP search filter (&(objectClass=person)(!(sAMAccountName=\*))&(mail=%USER.LOGIN%)) configuration to retrieve user e-mail address.

%USER.LOGIN% will be replaced with the actual login name for the current SAT user.

**NOTE:** The special character & (ampersand) will need to be replaced with its associated character code &#amp; for the

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code to function correctly.

Attributes

The set of attributes to be retrieved from the query.

cn,sAMAccountName,

userPrincipalName,

mail,

displayName,sn

Scope

Search Scope:

Subtree

**Base** = Limits the search to the base object. The result contains one object at most.

**OneLevel** = Searches the immediate child objects of the base object, excluding the base object.

**Subtree** = Searches the whole subtree, including the base object and all its child objects.

UseConfiguredDomainAccount

The authentication method used to connect to Active Directory.

Secure

**None** = Equates to zero, which means to use basic authentication (simple bind) in the LDAP provider.

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**Anonymous** = No authentication is performed

**Delegation** = Enables Active Directory Services Interface (ADSI) to delegate the user's security context, which is necessary for moving objects across domains.

**Secure** = Requests secure authentication.

**NOTE:** If the UseConfiguredDomainAccount = "" then UseConfiguredDomainAccount is set as "AuthenticationTypes.None" by default.

DomainAdminUser

This setting is required when n/a the UseConfiguredDomainAccount is set to Secure. This is the username of an account that has the ability to query Active Directory.

User Name Examples:

"username"

"domain\username"

DomainAdminPass

This setting is required when n/a the

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UseConfiguredDomainAccount  
is set to Secure. This is the  
base64 encoded password of  
the account that has the  
ability to query Active  
Directory.

(use [encode.htm](#) to  
obfuscate)

SenderEmailDisplayAttribute    Active Directory attribute    mail  
name used to retrieve the  
**From** e-mail address

GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/10464/Using-the-SAT-module-with-Ac...>