

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.

Variable	Description	Default / Range
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.

Using the SAT module with Active Directory

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)(!(sAMAccountN
configuration to retrieve user
e-mail address.

(mail=%USER.LOGIN%))

%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 & for the

Using the SAT module with Active Directory

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.

Using the SAT module with Active Directory

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

Using the SAT module with Active Directory

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...>