

Security

Security Parameter Types

Attribute

Attribute is a name-value pair that can be used to specify any additional information about the Principal not covered by security tokens and roles.

Attribute	Type	Description	Values/Example
name	String	Specify additional information as a string.	any string
value	Any	Specify any additional information.	any content

InterceptorMessage

Attribute Name	Type	Description	Values/Example
operation	String	Name of the intercepted operation.	any string
parameters	Parameter	An array of Parameter .	
principal	Principal	An array of Principal .	
transactionID	String	Specify here the ID of the message.	any string

Parameter

Attribute Name	Type	Description	Values/Example
name	String	Contains the name of the parameter to be manipulated.	any string
value	Any	Contains the value of the parameter to be manipulated.	any content

Deprecated PostprocessorMessage

Attribute Name	Type	Description	Values /Example
outputMessage	Any	Specify here the output message.	any content
operation	String	Holds the name of the operation which will be / was invoked by the request.	any string
principal	Principal	An array of Principal .	

Deprecated PreprocessorMessage

Attribute Name	Type	Description	Values /Example
inputMessage	Any	Specify here the input message.	any content

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operation	String	Holds the name of the operation which will be / was invoked by the request.	any string
principal	Principal	An array of Principal .	

Principal

Attribute Name	Type	Description	Values /Example
userID	String	Unique identifier of the user.	any string
attributes	Attribute	Attributes is an array of Attribute objects.	
securityTokens	SecurityToken	An array of SecurityToken objects describing the credentials used for authentication.	
roles	Role	Roles is an array of Role objects.	

If authentication is not configured, the Principal will have the UserID **anonymous** with no security tokens, roles, and attributes assigned.

Role

Attribute Name	Type	Description	Values/Example
name	String	Specifies the name of a role.	any string

SecurityToken

Attribute Name	Type	Description	Values /Example
type	String	Defines what mechanism of authentication was used and how the rest of the object is structured.	any string
isVerified	Boolean	The attribute isVerified is set to true, if the given credentials were successfully verified.	true/false

SecurityTokenBasic

Attribute Name	Type	Description	Values/Example
userName	String	Contains the user name.	any string
password	String	Contains the users password.	any string