


How To: Configure Claim Sets

The API claim sets for the Ed-Fi ODS / API are stored in a database, but are not managed through a UI, at least in the as-shipped configuration. As a consequence, managing claim sets is a task for developers. The SQL queries on this page enable a database administrator to view information about security configurations. Execute the queries from the EdFi_Security database.

Add a Resource and Action to a Claim Set

 You should replace the values for @actionName, @claimSetName, and @resourceName with values you desire. In addition, if adding Upsert, Manage, or Maintain actions, then the core actions (such as Create) that comprise that composite action should also be added.

```
USE EdFi_Security
GO


DECLARE @actionName nvarchar(255)
DECLARE @claimSetName nvarchar(255)
DECLARE @resourceName nvarchar(255)

SET @actionName = 'create'
SET @claimSetName = 'SIS Vendor'
SET @resourceName = 'academicSubjectDescriptor'

DECLARE @actionId int
DECLARE @claimSetId int
DECLARE @resourceClaimId int

SELECT @actionId = ActionId FROM Actions WHERE ActionName = @actionName
SELECT @claimSetId = ClaimSetId FROM ClaimSets WHERE ClaimSetName =
@claimSetName
SELECT @resourceClaimId = ResourceClaimId FROM ResourceClaims WHERE
ResourceName = @resourceName
INSERT INTO ClaimSetResourceClaims
    (Action_ActionId, ClaimSet_ClaimSetId,
ResourceClaim_ResourceClaimId)
VALUES
    (@actionId, @claimSetId, @resourceClaimId)
```

Add a Resource and Action to an Authentication Strategy

 You should replace the values for @actionName, @authorizationStrategyName, and @resourceName with values you desire. In addition, if adding Upsert, Manage, or Maintain actions, then the core actions (such as Create) that comprise that composite action should also be added.

```
USE EdFi_Security
GO

DECLARE @actionName nvarchar(255)
DECLARE @authorizationStrategyName nvarchar(255)
DECLARE @resourceName nvarchar(255)

SET @actionName = 'create'
SET @authorizationStrategyName = 'ManagedResource'
SET @resourceName = 'academicSubjectDescriptor'

DECLARE @actionId int
DECLARE @authorizationStrategyId int
DECLARE @resourceClaimId int

SELECT @actionId = ActionId FROM Actions WHERE ActionName = @actionName

SELECT @authorizationStrategyId = AuthorizationStrategyId
FROM AuthorizationStrategies
WHERE AuthorizationStrategyName = @authorizationStrategyName

SELECT @resourceClaimId = ResourceClaimId
FROM ResourceClaims
WHERE ResourceName = @resourceName

INSERT INTO ResourceClaimAuthorizationMetadatas
(Action_ActionId, AuthorizationStrategy_AuthorizationStrategyId,
ResourceClaim_ResourceClaimId)
VALUES
(@actionId, @authorizationStrategyId, @resourceClaimId)
```