

How to Find Identity Value

- `IDENT_CURRENT()`
 - Returns the last identity value generated for a specific table in any session and any scope.
- `@@IDENTITY`
 - Returns the last identity value generated for any table in the current session, across all scopes.
- `SCOPE_IDENTITY()`
 - Returns the last identity value generated for any table in the current session and the current scope.

IDENT_CURRENT()

- When the IDENT_CURRENT value is NULL (because the table has never contained rows or has been truncated), the IDENT_CURRENT function returns the seed value.
- Failed statements and transactions can change the current identity for a table and create gaps in the identity column values.
- Be cautious about using IDENT_CURRENT to predict the next generated identity value. The actual generated value may be different from IDENT_CURRENT plus IDENT_INCR because of insertions performed by other sessions.

IDENT_CURRENT() Example

- The following example returns the last identity value generated for the Person.Address table in the AdventureWorks2012 database.

```
USE AdventureWorks2012;  
SELECT IDENT_CURRENT ('Person.Address') AS Current_Identity;
```

SCOPE_IDENTITY()

- Returns the last identity value inserted into an identity column in the same scope.
- A scope is a module:
 - Stored Procedure,
 - Trigger
 - Function
 - Batch
- Two statements are in the same scope if they are in the same stored procedure, function, or batch.
- Failed statements and transactions can change the current identity for a table and create gaps in the identity column values.

SCOPE_IDENTITY() Example

```
SELECT SCOPE_IDENTITY()
```