Snowflake GRANT

Snowflake Documentation

- [GRANT <Privilege>](#)

⌃ Grant Privilege(s) to a user

```
1  -- Grants the specified account object privilege(s) to the specified role on the
   specified account object type and account object name
2  GRANT <Account_Object_Privileges>
3      ON <Account_Object> <Account_Object_Name>
4      TO ROLE <Role_Name>
5          /*
6              Account Object & Privileges:
7              -
8          */
9  ;
10
11
12
13 -- Grants the specified schema privilege(s) to the specified role on the specified
   database name and schema name
14 GRANT <Schema_Privileges>
15     ON SCHEMA <Database_Name>.<Schema_Name>
16     TO ROLE <Role_Name>
17         /*
18             Schema Privileges:
19             -
20         */
21 ;
```

```
22
23
24
25  -- Grants the specified schema privilege(s) to the specified role on all existing
    schemas on the specified database name
26  GRANT <Schema_Privileges>
27      ON ALL SCHEMAS IN DATABASE <Database_Name>
28      TO ROLE <Role_Name>
29          /*
30              Schema Privileges:
31              -
32          */
33  ;
34
35
36
37  -- Grants the specified schema privilege(s) to the specified role on all future
    schemas on the specified database name
38  GRANT <Schema_Privileges>
39      ON FUTURE SCHEMAS IN DATABASE <Database_Name>
40      TO ROLE <Role_Name>
41          /*
42              Schema Privileges:
43              -
44          */
45  ;
46
47
48
49  -- Grants the specified schema object privilege(s) to the specified role on the
    specified schema object type and schema object name
50  GRANT <Schema_Object_Privileges>
51      ON <Object_Type> <Object_Name>
52      TO ROLE <Role_Name>
53          /*
54              Schema Object & Privileges:
55              -
56          */
57  ;
58
59
60
61  -- Grants the specified schema object privilege(s) to the specified role on all
    existing specified schema object types on the specified database name
62  GRANT <Schema_Object_Privileges>
63      ON ALL <Object_Type_Plural>
64      IN DATABASE <Database_Name>
65      TO ROLE <Role_Name>
66          /*
67              Object Type & Privileges:
68              -
69          */
70  ;
71
72
73
```

```
74 -- Grants the specified schema object privilege(s) to the specified role on all
   existing specified schema object types on the specified database name and schema
   name
75 GRANT <Schema_Object_Privileges>
76     ON ALL <Object_Type_Plural>
77     IN SCHEMA <Database_Name>.<Schema_Name>
78     TO ROLE <Role_Name>
79         /*
80             Object Type & Privileges:
81             -
82         */
83 ;
84
85
86
87 -- Grants the specified schema object privilege(s) to the specified role on all
   future specified schema object types on the specified database name
88 GRANT <Schema_Object_Privileges>
89     ON FUTURE <Object_Type_Plural>
90     IN DATABASE <Database_Name>
91     TO ROLE <Role_Name>
92         /*
93             Object Type & Privileges:
94             -
95         */
96 ;
97
98
99
100 -- Grants the specified schema object privilege(s) to the specified role on all
    future specified schema object types on the specified database name and schema
    name
101 GRANT <Schema_Object_Privileges>
102     ON FUTURE <Object_Type_Plural>
103     IN SCHEMA <Database_Name>.<Schema_Name>
104     TO ROLE <Role_Name>
105         /*
106             Object Type & Privileges:
107             -
108         */
109 ;
```

Account Object Privileges

Object Type	Account Object Privilege	Account Object Privilege Description
DATABASE	CREATE SCHEMA	Gives the role the ability to create new schemas within the specified database.
SCHEMA	CREATE PROCEDURE	Gives the role the ability to create new schemas within the specified database and schema.
SCHEMA	MODIFY	Gives the role the ability to modify existing schemas within the specified database.
SCHEMA	USAGE	Gives the role the ability to utilize the specified schema within the specified database.
WAREHOUSE	USAGE	Gives the role the ability to utilize the specified warehouse within the specified database.

Schema Privileges

Schema Privilege	Schema Privilege Description
CREATE PROCEDURE	Gives the role the ability to create new procedures within the specified database and schema.
CREATE TABLE	Gives the role the ability to create new tables within the specified database and schema.
CREATE VIEW	Gives the role the ability to create new views within the specified database and schema.
MODIFY	Gives the role the ability to modify the specified schema within the specified database.
MODIFY PROCEDURE	Gives the role the ability to modify the specified procedure within the specified database and schema.
MODIFY TABLE	Gives the role the ability to modify the specified table within the specified database and schema.

Schema Privilege	Schema Privilege Description
MODIFY VIEW	Gives the role the ability to modify the specified view within the specified database and schema.
USAGE PROCEDURE	Gives the role the ability to utilize the specified procedures within the specified database and schema.
USAGE TABLE	Gives the role the ability to utilize the specified tables within the specified database and schema.
USAGE VIEW	Gives the role the ability to utilize the specified views within the specified database and schema.

Schema Object Privileges

Object Type	Schema Object Privilege	Schema Object Privilege Description
TABLE	DELETE	Gives the role the ability to delete the specified table or all existing tables within the specified database and schema.
TABLE	INSERT	Gives the role the ability to insert new records into the specified table or all existing tables within the specified database and schema.
TABLE	SELECT	Gives the role the ability to read data within the specified table or all existing tables within the specified database and schema.
TABLE	TRUNCATE	Gives the role the ability to truncate data from the specified table or all existing tables within the specified database and schema.
TABLE	UPDATE	Gives the role the ability to update data within the specified table or all existing tables within the specified database and schema.
VIEW	SELECT	Gives the role the ability to read data within the specified view or all existing views within the specified database and

Object Type	Schema Object Privilege	Schema Object Privilege Description
		schema.