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Snowflake Builders Blog: ...

# Create Additional Snowflake Accounts, Rename Organization and Accounts

Create multi-cloud accounts for replication and failover



Tim Spreitzer, Snowflake Data Superhero

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5 min read · Mar 28, 2023



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## Accounts

+ Account

6 Accounts in SPREITZER ?

🔍 Search Account

Edition All

Cloud All

Region All



ACCOUNT ↑

EDITION

CLOUD

REGION

CREATED

LOCATOR

BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EV32301
DEV	Enterprise	AWS	US West (Oregon)	3 years ago	IJA00102
PROD	Enterprise	AWS	US West (Oregon)	5 months ago	SPB13833
PROD1	Business Critical	AWS	US West (Oregon)	3 weeks ago	KWB05129
PROD2	Business Critical	Azure	South Central US (Texas)	3 weeks ago	WC23897
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## Introduction to Organizations

An *organization* is a first-class Snowflake object that links the accounts owned by your business entity. Organizations simplify account management and billing, Database Replication and Failover/Failback, Snowflake Secure Data Sharing, and other account administration tasks.

This feature allows organization administrators to view, create, and manage all of your accounts across different regions and cloud platforms.

## ORGADMIN Role

The organization administrator (ORGADMIN) system role is responsible for managing operations at the organization level.

A user with the ORGADMIN role can perform the following actions:

- Create an account in the organization. For more information, see [Creating an Account](#).
- View/show all accounts within the organization. For more information, see [Viewing a List of Organization Accounts](#).
- View/show a list of regions enabled for the organization. For more information, see [Viewing a List of Regions Available for Your Organization](#).
- View usage information for all accounts in the organization. For more information, see [Organization Usage](#).

- Enable database replication for an account in the organization. For more information, see [Prerequisite: Enable Replication for Accounts in the Organization](#).

## Note

Once an account is created, ORGADMIN can view the account properties but does not have access to the account data.

### Enabling the ORGADMIN Role for an Account

The ORGADMIN role is enabled for at least one account in an organization.

Because users with the ACCOUNTADMIN role can assign the ORGADMIN role to themselves or another user, it is recommended that only one account in the organization have the ORGADMIN role enabled in order to tightly control who can act as an organization administrator. If you want to enable the ORGADMIN role for an additional account, contact [Snowflake Support](#).

### Assigning the ORGADMIN Role to a User or Role

Once enabled in an account, the ORGADMIN role can be granted to any user or role in the account by an ACCOUNTADMIN using the [GRANT ROLE](#) command. For more information about system roles and best practices for managing access control, see [Access Control Considerations](#).

## Examples

```
-- Assume the ACCOUNTADMIN role
use role accountadmin;

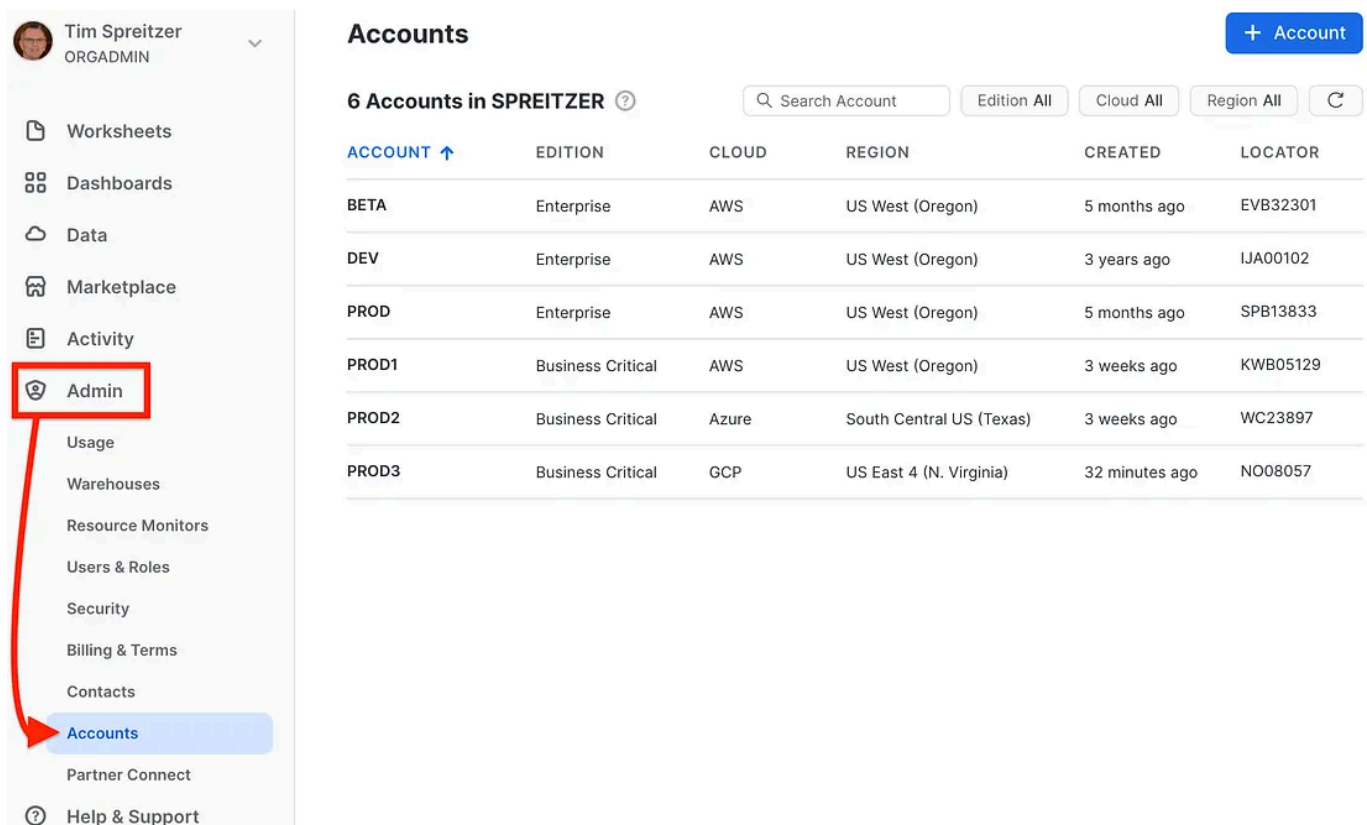
-- Grant the ORGADMIN role to a user
grant role orgadmin to user <user_name>;

-- Grant ORGADMIN to a role
grant role orgadmin to role <role_name>;
```

## Show Organization Name and Accounts

Display the name of your organization and its accounts using **Snowsight**:

Change role to ORGADMIN » Admin » Accounts.



**Accounts** + Account

6 Accounts in SPREITZER ? Search Account Edition All Cloud All Region All ↻

ACCOUNT <span>↑</span>	EDITION	CLOUD	REGION	CREATED	LOCATOR
BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EV832301
DEV	Enterprise	AWS	US West (Oregon)	3 years ago	IJA00102
PROD	Enterprise	AWS	US West (Oregon)	5 months ago	SPB13833
PROD1	Business Critical	AWS	US West (Oregon)	3 weeks ago	KWB05129
PROD2	Business Critical	Azure	South Central US (Texas)	3 weeks ago	WC23897
PROD3	Business Critical	GCP	US East 4 (N. Virginia)	32 minutes ago	NO08057

Display Organization and Accounts

## Display the name of your organization and its accounts using a SQL script:

**SHOW ORGANIZATION ACCOUNTS:**

```
91 USE ROLE ORGADMIN;
92 SHOW ORGANIZATION ACCOUNTS;
93
```

	organization_name	account_name	snowflake_region	...	edition	account_url
1	SPREITZER	DEV	AWS_US_WEST_2		ENTERPRISE	<a href="https://spreitzer-dev.snowflakecomputing.com">https://spreitzer-dev.snowflakecomputing.com</a>
2	SPREITZER	BETA	AWS_US_WEST_2		ENTERPRISE	<a href="https://spreitzer-beta.snowflakecomputing.com">https://spreitzer-beta.snowflakecomputing.com</a>
3	SPREITZER	PROD	AWS_US_WEST_2		ENTERPRISE	<a href="https://spreitzer-prod.snowflakecomputing.com">https://spreitzer-prod.snowflakecomputing.com</a>
4	SPREITZER	PROD1	AWS_US_WEST_2		BUSINESS_CRITICAL	<a href="https://spreitzer-prod1.snowflakecomputing.com">https://spreitzer-prod1.snowflakecomputing.com</a>
5	SPREITZER	PROD2	AZURE_SOUTHCENTRALUS		BUSINESS_CRITICAL	<a href="https://spreitzer-prod2.snowflakecomputing.com">https://spreitzer-prod2.snowflakecomputing.com</a>
6	SPREITZER	PROD3	GCP_US_EAST4		BUSINESS_CRITICAL	<a href="https://spreitzer-prod3.snowflakecomputing.com">https://spreitzer-prod3.snowflakecomputing.com</a>

SHOW ORGANIZATION ACCOUNTS

The result set from **SHOW ORGANIZATION ACCOUNTS** displays sixteen columns. If you want to display a subset of these columns, change the order, or use an **ORDER BY** predicate you can use the **RESULT\_SCAN** function, which treats the output as a table that can be queried. For example, to return only four specific columns, run the following two statements sequentially exactly like this:

```
SHOW ORGANIZATION ACCOUNTS;
SELECT "account_name"
      ,"snowflake_region"
      ,"comment"
      ,"managed_accounts"
FROM TABLE (RESULT_SCAN (LAST_QUERY_ID()));
```

```
93  
94     SHOW ORGANIZATION ACCOUNTS;  
95     SELECT    "account_name"  
96               , "snowflake_region"  
97               , "comment"  
98               , "managed_accounts"  
99     FROM      TABLE (RESULT_SCAN (LAST_QUERY_ID ()) );  
100
```



Objects



Editor



Results



Chart

	account_name	snowflake_region	comment	managed_accounts
1	DEV	AWS_US_WEST_2	OREGON	1
2	BETA	AWS_US_WEST_2	OREGON	0
3	PROD	AWS_US_WEST_2	OREGON	0
4	PROD1	AWS_US_WEST_2	OREGON	0
5	PROD2	AZURE_SOUTHCENTRALUS	TEXAS	0
6	PROD3	GCP_US_EAST4	N. VIRGINIA	0

Using System-Defined Table Function RESULT\_SCAN

## Changing the Name of Your Organization

If you want to change the name of an organization, for example to change a system-generated name to a more user-friendly one, contact [Snowflake Support](#).

The name of an organization cannot contain more than 10 characters.

## Create Additional Accounts

Users can create additional accounts that belong to the organization.

Consider creating additional accounts in a different geographic region, and on a different cloud provider for improving your business continuity plan.

Use SHOW REGIONS to list all the regions in which accounts can be created:



North & South America Regions





Europe & Middle East Regions



Asia Pacific Regions

```
SHOW REGIONS;
```

31

SHOW REGIONS;

<div> <div>Objects</div> <div>Editor</div> <div>Results</div> <div>Chart</div> </div>				
	snowflake_region	cloud	region	display_name ...
1	AWS_US_WEST_2	aws	us-west-2	US West (Oregon)
2	AWS_US_EAST_1	aws	us-east-1	US East (N. Virginia)
3	AWS_AP_SOUTHEAST_2	aws	ap-southeast-2	Asia Pacific (Sydney)
4	AWS_EU_WEST_1	aws	eu-west-1	EU (Ireland)
5	AWS_AP_SOUTHEAST_1	aws	ap-southeast-1	Asia Pacific (Singapore)
6	AWS_CA_CENTRAL_1	aws	ca-central-1	Canada (Central)
7	AWS_EU_CENTRAL_1	aws	eu-central-1	EU (Frankfurt)
8	AWS_US_EAST_2	aws	us-east-2	US East (Ohio)
9	AWS_AP_NORTHEAST_1	aws	ap-northeast-1	Asia Pacific (Tokyo)
10	AWS_AP_SOUTH_1	aws	ap-south-1	Asia Pacific (Mumbai)
11	AWS_EU_WEST_2	aws	eu-west-2	EU (London)
12	AWS_AP_NORTHEAST_2	aws	ap-northeast-2	Asia Pacific (Seoul)
13	AWS_EU_NORTH_1	aws	eu-north-1	EU (Stockholm)
14	AWS_AP_NORTHEAST_3	aws	ap-northeast-3	Asia Pacific (Osaka)
15	AWS_SA_EAST_1	aws	sa-east-1	South America (Sao Paulo)
16	AWS_EU_WEST_3	aws	eu-west-3	EU (Paris)
17	AZURE_EASTUS2	azure	eastus2	East US 2 (Virginia)
18	AZURE_WESTEUROPE	azure	westeurope	West Europe (Netherlands)
19	AZURE_AUSTRALIAEAST	azure	australiaeast	Australia East (New South Wales)
20	AZURE_CANADACENTRAL	azure	canadacentral	Canada Central (Toronto)
21	AZURE_SOUTHEASTASIA	azure	southeastasia	Southeast Asia (Singapore)
22	AZURE_WESTUS2	azure	westus2	West US 2 (Washington)
23	AZURE_SWITZERLANDN	azure	switzerlandn	Switzerland North (Zurich)
24	AZURE_CENTRALUS	azure	centralus	Central US (Iowa)
25	AZURE_JAPANEAST	azure	japaneast	Japan East (Tokyo, Saitama)
26	AZURE_NORTHEUROPE	azure	northeurope	North Europe (Ireland)
27	AZURE_SOUTHCENTRALUS	azure	southcentralus	South Central US (Texas)
28	AZURE_UAENORTH	azure	uaenorth	UAE North (Dubai)
29	AZURE_CENTRALINDIA	azure	centralindia	Central India (Pune)

30	AZURE_UKSOUTH	azure	uksouth	UK South (London)
31	GCP_US_CENTRAL1	gcp	us-central1	US Central 1 (Iowa)
32	GCP_EUROPE_WEST2	gcp	europa-west2	Europe West 2 (London)
33	GCP_EUROPE_WEST4	gcp	europa-west4	Europe West 4 (Netherlands)
34	GCP_US_EAST4	gcp	us-east4	US East 4 (N. Virginia)

SHOW REGIONS;

Create a new account using **Snowsight**:

**Snowsight » Admin » Accounts » + Account**

The screenshot shows the Snowflake Snowsight interface. On the left is a sidebar with a user profile for 'Tim Spreitzer ORGADMIN'. Below the profile are menu items: Worksheets, Dashboards, Data, Marketplace, Activity, Admin (highlighted with a red box), Usage, Warehouses, Resource Monitors, Users & Roles, Security, Billing & Terms, Contacts, Accounts (highlighted with a blue bar), Partner Connect, and Help & Support. A red arrow points from the 'Admin' menu item to the '+ Account' button in the top right corner of the 'Accounts' section. The 'Accounts' section displays a table of 6 accounts in the 'SPREITZER' organization. The table has columns: ACCOUNT, EDITION, CLOUD, REGION, CREATED, and LOCATOR. The accounts listed are BETA, DEV, PROD, PROD1, PROD2, and PROD3.

ACCOUNT	EDITION	CLOUD	REGION	CREATED	LOCATOR
BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EVBS2301
DEV	Enterprise	AWS	US West (Oregon)	3 years ago	IJA00102
PROD	Enterprise	AWS	US West (Oregon)	5 months ago	SPB13833
PROD1	Business Critical	AWS	US West (Oregon)	3 weeks ago	KWB05129
PROD2	Business Critical	Azure	South Central US (Texas)	3 weeks ago	WC23897
PROD3	Business Critical	GCP	US East 4 (N. Virginia)	32 minutes ago	NO08057

Create a new account using a script:

```
CREATE ACCOUNT "ACCOUNTNAME"
ADMIN_NAME = 'USERNAME'
ADMIN_PASSWORD = '*****'
```

```
FIRST_NAME = 'First'  
LAST_NAME = 'Last'  
EMAIL = 'first.last@your_company.com'  
MUST_CHANGE_PASSWORD = FALSE  
EDITION = BUSINESS_CRITICAL  
REGION_GROUP = PUBLIC  
REGION = AWS_US_EAST_1  
COMMENT = 'N. VIRGINIA';
```

## Rename Accounts

You can rename accounts using the ALTER ACCOUNT command:

```
ALTER ACCOUNT OLD_NAME RENAME TO NEW_NAME;  
  
ALTER ACCOUNT OLD_NAME RENAME TO NEW_NAME SAVE_OLD_URL = FALSE;
```

Organization administrators cannot rename an account while they are logged in to it, so they must log in to a different account before executing the ALTER ACCOUNT command. If your organization consists of a single account that needs to be renamed, contact [Snowflake Support](#).

SAVE\_OLD\_URL

Optional parameter used in conjunction with `RENAME TO` that preserves the account URL used to access Snowflake prior to renaming. By default, Snowflake saves the original URL, which means you can access the account with either the old URL or the URL that contains the new account name. When set to `FALSE`, you must use the new URL to access the account.

## Default TRUE

### Note

Changing the account comment is currently not possible, it can only be set during account creation. There is an internal request to modify the comment in the future.

It can be helpful to rename an organization and accounts to something that is meaningful instead of the system generated names. I hope these tips help you and your organization.

*URL links change over time. If you find any links that need to be updated PLEASE let me know, you'll be helping others in the process. Thank you, Tim.*

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03/28/2023: Original post.

Snowflake

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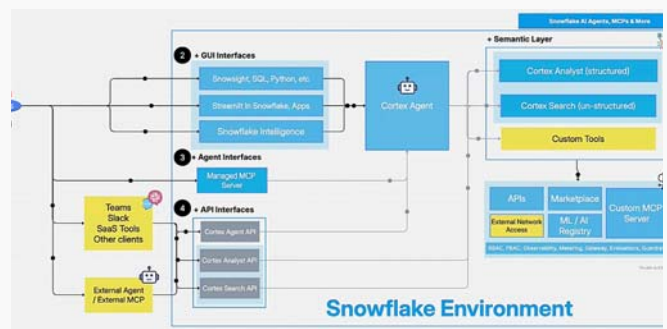
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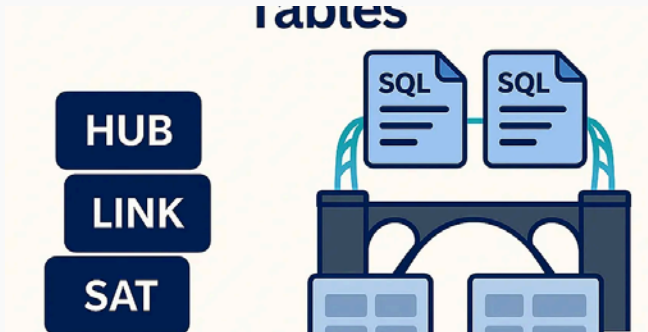
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