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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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...

Accounts

+ Account

6 Accounts in SPREITZER ?

Search Account

Edition All

Cloud All

Region All

C

ACCOUNT ↑	EDITION	CLOUD	REGION	CREATED	LOCATOR
BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EVB32301
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

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.

The screenshot shows the Snowsight web application. On the left, there is a sidebar with the user profile 'Tim Spreitzer ORGADMIN'. Below the profile, the 'Admin' menu is highlighted with a red box and a red arrow pointing to the 'Accounts' link, which is also highlighted with a blue box. The main content area is titled 'Accounts' and shows a table of '6 Accounts in SPREITZER'. The table has columns for ACCOUNT, EDITION, CLOUD, REGION, CREATED, and LOCATOR. The accounts listed are BETA, DEV, PROD, PROD1, PROD2, and PROD3, each with specific details like Enterprise Edition, AWS Cloud, US West (Oregon) Region, and various creation dates and locator codes.

ACCOUNT ↑	EDITION	CLOUD	REGION	CREATED	LOCATOR
BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EVB32301
DEV	Enterprise	AWS	US West (Oregon)	3 years ago	IJA00102
PROD	Enterprise	AWS	US West (Oregon)	5 months ago	SPB13833
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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
```

Objects Editor Results Chart

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

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

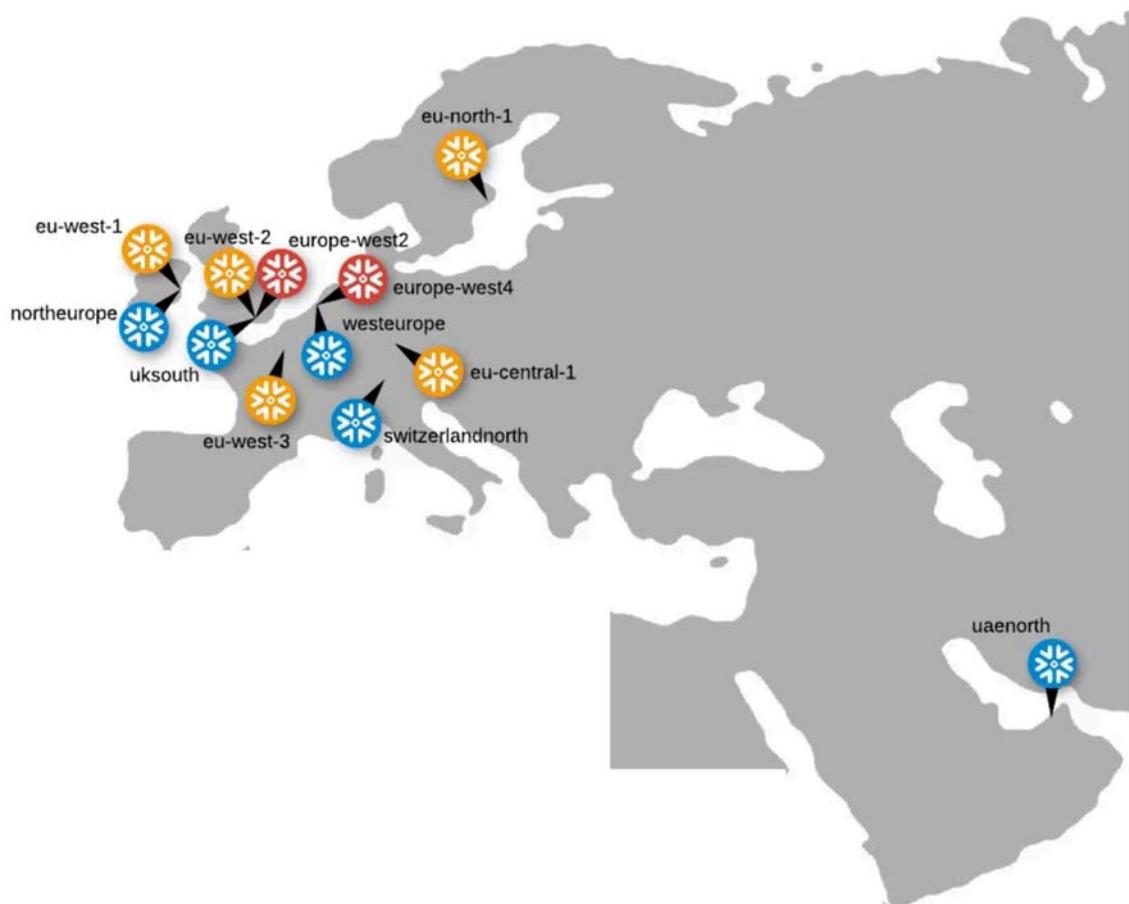
Users can create additional accounts that belong to the organization.

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;

Objects Editor Results Chart

	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	europe-west2	Europe West 2 (London)
33	GCP_EUROPE_WEST4	gcp	europe-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 Snowsight Admin interface. On the left, there's a sidebar with a user profile for 'Tim Spreitzer ORGADMIN'. Below the profile are several navigation items: Worksheets, Dashboards, Data, Marketplace, Activity, Admin (which is highlighted with a red box), Usage, Warehouses, Resource Monitors, Users & Roles, Security, Billing & Terms, Contacts, Accounts (which is highlighted with a blue box), and Partner Connect. At the bottom of the sidebar is a 'Help & Support' link. In the main content area, the title 'Accounts' is at the top. Below it, a table lists '6 Accounts in SPREITZER'. The columns are ACCOUNT (sorted by name), EDITION, CLOUD, REGION, CREATED, and LOCATOR. The accounts listed are: BETA (Enterprise, AWS, US West (Oregon), 5 months ago, EVB32301), DEV (Enterprise, AWS, US West (Oregon), 3 years ago, IJA-0102), 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), and PROD3 (Business Critical, GCP, US East 4 (N. Virginia), 32 minutes ago, NO08057). There are also buttons for 'Search Account', 'Edition All', 'Cloud All', 'Region All', and a 'C' icon. The '+ Account' button is located in the top right corner of the table area.

ACCOUNT	EDITION	CLOUD	REGION	CREATED	LOCATOR
BETA	Enterprise	AWS	US West (Oregon)	5 months ago	EVB32301
DEV	Enterprise	AWS	US West (Oregon)	3 years ago	IJA-0102
PROD	Enterprise	AWS	US West (Oregon)	5 months ago	SPB13833
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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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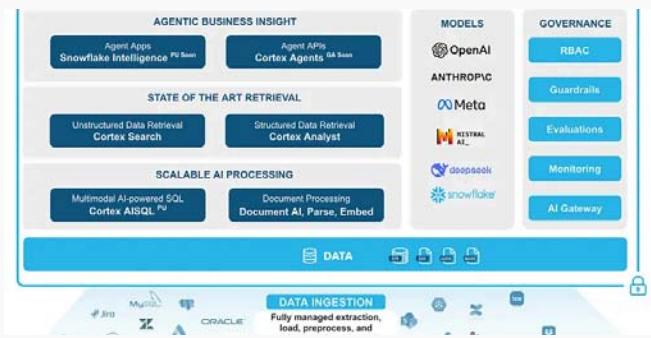


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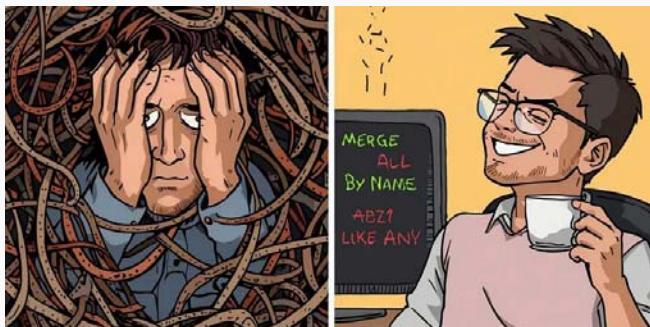
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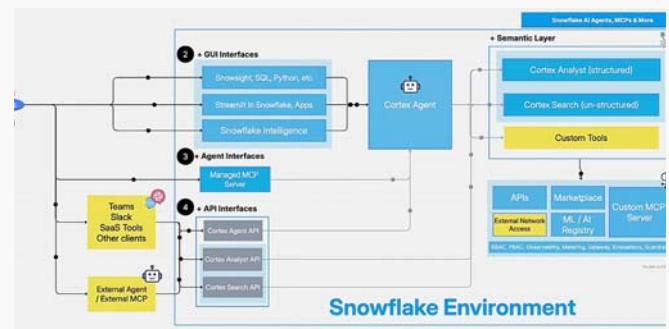
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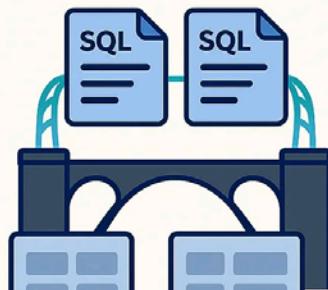
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