Alibaba Cloud DataWorks

Preparation

Issue: 20190819

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Generic conventions

Table -1: Style conventions

Style	Description	Example
•	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	Danger: Resetting will result in the loss of user configuration data.
A	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning informatio n, supplementary instructions, and other content that the user must understand.	• Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus , page names, and other UI elements.	Click OK.
Courier font	It is used for commands.	Run the cd / d C :/ windows command to enter the Windows system folder.
Italics	It is used for parameters and variables.	bae log list instanceid Instance_ID
[] or [a b]	It indicates that it is a optional value, and only one item can be selected.	ipconfig [-all -t]

Style	Description	Example
	It indicates that it is a required value, and only one item can be selected.	<pre>swich {stand slave}</pre>

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1 RAM User Operations

If this is your first time using DataWorks and logging on to the DTplus platform with a RAM user account, you must have the following information:

- · The enterprise alias of the RAM user primary account .
- The user name and password of the RAM user.
- The AccessKey ID and AccessKey Secret of the RAM user.
- Confirm the primary account has granted the RAM user Enable Console Logon permission.
- Confirm the primary account has granted the RAM user Manage AccessKeys permission.

If you do not have the preceding information, verify the following information from the primary account:

- The primary account user has prepared all configurations and information required by the RAM user according to #unique_4 and #unique_5.
- The primary account user has created a project and configured the appropriate member roles for your RAM user account, by following the instructions mentioned in #unique_6.

Log on to DataWorks

- 1. Log on to the DTplus console by using the RAM user logon link provided by the primary account.
- 2. Go to the DataWorks > Workspace List page, and click Enter Project in the corresponding project to enter the data development page.

E C-J Alibaba Cloud	na (Hangzhou) 👻	λ Search		Billing Management	Enterprise	More	۶_	Q, A	0	ଛ	English	0
		Overview Workspaces	Resources Comput	te Engines								
Enter a workspace or display name	Search								Crea	te Works	pace Ref	fresh
Workspace/Display Name	Environments	Created At	Administrator	Status	Service		Act	ions				
Lange a	Development and Production Environments	2019-07-26 17:10:46		Enabled	∞ ∿		Chi	rkspace Set ange Service re 👻	tings Da s Data I	ta Analyti ntegration	ics n Data Serv	rice
LOUPE DE	Single Environment	2019-05-30 11:40:00	manufacture of	Enabled	೦ ಕ್ಷ		Chi	rkspace Set ange Service re 👻			ics n Data Serv	rice

Update personal information

Before you start DataWorks, you must enter the AccessKey manually.

1. Enter the personal information page.

You can use any of the following methods to enter the personal information page.

• When you log on to DataWorks dashboard for the first time, you will be prompted to enter the AccessKey. Click the link in the red box and enter the personal information page to update your AccessKey information.

Your account is missing AccessId, please go to here to perfect

• If you have used DataWorks dashboard before, you can enter the Overview page and click Personal Information.

۰	III Base services DTplus Overview	DTplus Console	E.B.: 14-14, Storager Coversity	19-11 Stones
® *	DataWorks Quick BI DataV	About Organization Administrator: 5*8 Members: 5 peoples Member 1	Anagement	2004:27
w	MaxCompute	RAM User Login Link Copy Pers	anal Information	

2. Click Modify AccessKey Information to enter AccessKey information obtained from the primary account.

Personal Information 1 Return	Personal Information							
2 Allabla Cloud account/sub-account identity authentication information (AccessRey) is used for identity authentication in MaxCompute computing engines. You can view the information on the Alibaba Cloud account management page/sub-								
account management page:								
Click to go to Alibaba Cloud account management page and create/manage	e the Alibaba Cloud account AccessKey;							
Click to go to Access Control page and create/manage the sub-account Acc	vesskey;							
My Account ID 1 5204599714859918								
AccessRey ID : LTADHISShTUFM	Modify Accessivy Information							

3. Enter the DTplus console again or refresh the page. Now, you can start data development with DataWorks.

2 Administrator Operations

2.1 Alibaba Cloud Account Preparations

Alibaba Cloud DTplus products uses RAM primary account and RAM user logon system.

- Alibaba Cloud account (or the primary account) has ownership of Alibaba Cloud resources and is the main account for metering and billing resource usage. The primary account allows you to create Resource Access Management (RAM) users for your enterprise to manage and authorize these RAM user accounts.
- Created and managed by the RAM primary account, the RAM user has no resources , and cannot perform metering and billing. All RAM users are controlled and paid by their primary account.

Therefore, you must have an Alibaba Cloud account to manage RAM users through RAM before using DTplus products.

Register an Alibaba Cloud account

If you have not registered an Alibaba Cloud account yet, go to the Alibaba Cloud Official Website and click Free Account. This takes you to the Alibaba Cloud account registration page, where you can create a new Alibaba Cloud account.



Note:

The Alibaba Cloud system recognizes the primary account you created is a resourceconsuming account with high-level permission. Keep your account name and password safe. Change your password periodically and do not lend your account to others.

Perform real-name registration on the new Alibaba Cloud account

You must perform real-name registration on your Alibaba Cloud account before you purchase and use Alibaba Cloud products. If you have not completed real-name registration yet, go to Real-name Registration to go through the process. To save you any trouble in the future, be sure to complete the real-name registration.

If you are an enterprise user, we strongly recommend you complete the enterpriselevel authentication for greater convenience.

Create an AccessKey

To guarantee smooth processing of tasks in DataWorks, you must create an AccessKey . Unlike the account name and password you enter to log on, an AccessKey is primarily used for access permission verification between various Alibaba Cloud products. An AccessKey comprises an AccessKey ID and an AccessKey Secret.

1. Log on to the Alibaba Cloud official website, and click AccessKeys under the Username in the upper-right corner to enter the AccessKey Management page.

Message	Billing Management	More	English	0
	<u></u>	Barvio.4	iiyun.com	
	User Info	Security S	ett Securit	y Con
	C AccessKey	1		
		Sign o	ut	

2. Click Create an AccessKey in the upper-right corner, and click Agree and Create in the dialog window that appears to create an AccessKey.

for you to access Alyun. It has full access privilege of the account. Please keep it safe.							
			Create AccessKey				
Access Key Secret	Status	Time Created	Action				
Show	Enable	2018-05-23 13:28:22	Disable Delete				

3. When an AccessKey is created, the system automatically jumps to the AccessKey Management page, where you can view the status of the AccessKey and disable or delete it.

User Management	Security Management				
Security Management	① AccessKey ID and AccessKey Secre	t are the API keys for you to access Aliyun. It has f	ull access privilege of the account. Ple	ase keep it safe.	
	User AccessKey				Create AccessKey
	AccessKey ID	Access Key Secret	Status	Time Created	Action
	11000000000	Show	Enable	2019-07-02 14:41:12	Disable Delete
	10000	Show	Enable	2018-01-11 14:41:12	Disable Delete

A disabled AccessKey will affect services that use this AccessKey and cause errors. Therefore, if you change your AccessKeys, you must promptly make

the corresponding changes for the products and services that use the affected AccessKeys.

Note:

The AccessKey is critical to the account. Keep the AccessKey ID and AccessKey Secret safe. Do not reveal this information to others. If the information may have been leaked, immediately disable and update your AccessKey.

2.2 Create a RAM user

If you are the only user of this product, skip this section. To create your own account, see **#unique_4**. To invite other users to use this product, you can create and manage RAM user accounts through the Resource Access Management (RAM) console.

Create a sub-account

- 1. Log on to the Alibaba Cloud DTplus Console with the primary account. Choose RAM > Indentities > Users.
- 2. Click Create User.
- 3. Enter the user information.
- 4. Click OK to complete the user creation.

Enable a RAM user to log on the console

- 1. After the RAM user is created, logs on to the RAM > Users page with your primary account, and click RAM user account.
- 2. Click Modify Logon Settings and Console Password Logon, enter the logon password of this RAM account.

Create an AccessKey for a RAM user

The AccessKey facilitates smooth operation of the tasks created in DataWorks. Therefore, a primary account must create an AccessKey for the RAM user, or allow RAM account users to create and manage their own AccessKey information.

- · Create an AccessKey for a RAM user
 - 1. Use your primary account to log on to the RAM > Indentities > Users page, and click RAM user account.
 - 2. Click Create AccessKey, and enter the verification code sent to your mobile phone. The AccessKey is created for the RAM user account.



The AccessKeySecret of the RAM user will appear only once. Please record the AccessKeySecret and keep it confidential. If you lose it, create a new one.

- · Authorize the RAM users to create and manage their own AccessKeys
 - 1. The main account enters the RAM > Identity Management > Settings page, click update RAM User Security Settings from the Actions column.
 - 2. Select RAM User Security Settings tab, and select Manage AccessKey > allowed, click OK to complete settings.

If this option is not selected, by default the RAM user cannot create nor manage AccessKey. After allow the user to manage their own AccessKey, RAM user account logon to Alibaba cloud, you can create the AccessKey in the console.

Note:

It is important to run the private AccessKey. Keep the created AccessKey of the primary account or the RAM account secure and ensure its scope of use. If the AccessKey is leaked, timely disable it and create a new one.

Authorize a RAM account

If you want to create projects with your RAM account, you may need AliyunDataWorksFullAccess policy permission.

RAM	RAM /	/ Users	Add Permissions				;
Overview Identities	Use		Principal ram10	com ×			
Groups		AM user is an identity entity. It represents a user or application in your organization that needs to access cloud resources. u can manage users in the following steps:	Select Policy				
Users		reate a RAM user, and set a password for this user to log on to the console or create an AccessKey for the application to call APIs. dd the user to a group. To perform this operation, you must have created a user group and granted permissions to it.	System Policy V Aliy	unDataWorksFullAccess	© Q	Selected (1)	Clear
Settings	Crea	ale User Logon Name V Enter Q	Policy Name	Note		AliyunDataWorksFullAccess	×
Permissions		User Logon Name/Display Name Note	AliyunDataWorksFullAccess	Provides full access to DataWorks via Console.	Management		
Policies		and the second					
RAM Roles							
OAuth Applications							
		to a first statement of the second statement of the se					
		Contraction of Contra					
		in provide the second sec					
		a an					
		and the second s					
		The second se	Ok Cancel				

Delivery RAM account to other users

Note:

RAM users belong to a primary account. Thus, RAM users do not have resources and billing systems of their own. The operation cost of a DTplus RAM user is borne by the primary account. Fees incurred by operations of RAM users in Alibaba Cloud products are uniformly paid through the primary account to which these RAM users belong. Therefore, the primary account views the RAM user log on link and its own enterprise alias (default domain), and provide this information to a RAM user.

Log on to RAM > Overview, and click Update default domain to change the enterprise alias (default domain).

When a RAM account is delivered to its users, you must provide the following details:

- Logon link of RAM users.
- Enterprise alias (default domain) of primary account.
- User name and password of RAM users.
- · AccessKey ID and AccessKeySecret of a RAM user.
- Confirm the primary account authorized your RAM user Enable Console Logon permission.
- Confirm the primary account authorized your RAM user Manage AccessKeys permission.

2.3 Beginner's guide

If you are using DTplus products for the first time, log on to DTplus with your Alibaba Cloud account (primary account), and check whether the account is available by following the steps listed in Prepare Alibaba Cloud account topic. If the account is available, follow these steps to create a project.

Procedure

1. Create an AccessKey.

To assure smooth processing of data tasks in DataWorks, you must create an AccessKey. Similar to logging on with an account name and password, an AccessKey is primarily used to access permission verification between various Alibaba Cloud products and services. For more information, see #unique_4.

An AccessKey comprises of an AccessKey ID and an AccessKeySecret. Generally, the AccessKey is secured and kept confidential. Once the AccessKey is disabled, services that use this AccessKey fails to run and reports exceptions to users. If an AccessKey information changes, it can affect products and services that use this AccessKey. Therefore, you must keep a close eye on such changes and take appropriate actions timely.

Note:

The AccessKey is critical to your account. After creating the AccessKey, you must secure the AccessKey ID and AccessKeySecret. Do not reveal the AccessKey information to others under any conditions. If you suspect an information leak or other risks, you must promptly disable or modify your AccessKey.

2. Select region and services.

If a region does not contain any projects, it automatically shows you have no projects. You can proceed with create a project. By default, data development, O& M center, and data management are selected.

3. Create a project.

Only a primary account that has the data integration function can create a project, all other RAM users are treated only as users in the project.



This makes it necessary for a primary account to prepare a project environment for other RAM users.

- Workspace name: The project name must be 3 to 27 characters in length.
- · Display name: The display name must not exceed 27 characters in length.
- Enable scheduling frequency: Controls scheduling system frequency in the current project. If it is disabled, it cannot schedule tasks periodically.
- Allows editing tasks and code directly in this project: the current project member has permission to create or edit code files in this project. If this function is disabled, the project member cannot create or edit code files.
- Enable select result downloads in this project: Determines whether data results from the selected statements can be downloaded in this project. If it is disabled, it cannot download the data query results from a selected statement.
- MaxCompute project name: You can create a MaxCompute project with the same name as the project name.
- MaxCompute access identity: The personal account and the system account.
- Quota group: Quota is used to implement disk quotas.
- 4. Click Create Workspace.

After a workspace(project) is created, the project appears on the project list page . This page usually displays the project according to the time of creation or latest time of use.

2.4 Create Workspace

Check whether the primary account is available according to the **#unique_4** account. If the account is available, perform the following steps to create a workspace(project).

Note:

Currently, the RAM user can also create a workspace, following the same procedures as the primary account.

Procedure

1. Log on to the DataWorks console by using a primary account.

2. You can create the MaxCompute project with the following two methods.

• Click Create Workspace in Common Functions area.

		Overvlew	Workspaces Resou
🜀 Data	aWorks Data	aStudio•Data Integr	ation·MaxComput
Shortcuts			
New Recommendation : ∭ Stream	m Studio Quick Start		Region: Chi
Data Analytics	Data Integration	Maintenance Center	Data Service
Workspaces			
1000.000	China East 1	19900.011	China East 1
Created At:Jan 30, 2019, 10:18:52 Compute Engines:MaxCompute PAI C Services:Internal System Error With Co	-	Created At:Sep 02, 2018, 10:26:59 Compute Engines:MaxCompute Services:Internal System Error With C	ode module_code_AppStudio Dat
Workspace Settings	Data Analytics	Workspace Settings	Data Analytics
Data Service	Data Integration	Data Service	Data Integration
Commonly Used Features	ivate CDN		

• Go on Workspace List page, click Create Workspace.

	Overvi	ew Workspaces Re	source List Compute Eng	ines		
Middle East 1 Asia Pacific SOU 1 Asia Pa	Chine North 2. Hong Kong US West 1. Asia Par Infre EE 5. UK Search	cific SE 1 US East 1 EU Central	Asia Pacific SE 2 Asia Pacific S	E 3 Asia Pacific NE	1	Create Workspace Refresh
Workspace/Display Name	Mode	Created At	Administrator	Status	Service	Actions
Concentration of Concentration	Development and Production Environments	Jan 30, 2019, 10:18:52	1000 and 1000	Enabled	0₀ √\ ₩	Workspace Settings Data Analytics Change Services Data Integration Data Service More ←
Inter All	Single Environment	Sep 02, 2018, 10:26:59	Refer (Inc.	Enabled	∞ 🔨	Workspace Settings Data Analytics Change Services Data Integration Data Service More ←

3. Enter the configuration items in the Create Workspace dialog box. Select a region and a calculation engine service.

If you have not purchased the relevant services, the Region section will directly display it as no service is available . Data development, O&M center, and data management are selected by default..

Create Workspace	X
Compute Engines	
MaxCompute O Pay-As-You-Go Subscription Buy Now O Developer Edition Buy Now Allows you to develop MaxCompute SQL and MaxCompute MR tasks in DataWorks.	
Machine Learning Platform for AI Pay-As-You-Go Provides machine learning algorithms, deep learning frameworks, and online prediction services. To use Machine Learning Platform for AI, you must also select MaxCompute.	
Real-Time Calculation O Sharing Mode Exclusive Mode After the opening of the you can in dataworks inside "with Stream Studio the flow cytometry calculation task development.	
DataWorks Services	
Data integration, data development, data services, application development You can perform data synchronous integration, workflow orchestration, periodic task scheduling and operation and maintenance, and check the quality of output data, etc.	
Cancel Next	

Choose calculation Engine services:

• MaxCompute: MaxCompute is a big data processing platform developed by Alibaba Cloud. It is mainly used for batch structural data storage and processing , and can provide massive data warehouse solutions and big data modeling service.

 Machine learning PAI: Machine learning refers to a machine that uses statistica l algorithms to learn a large amount of historical data to generate empirical models for business references.

Choose DataWorks service:

- Data integration: A data synchronization platform that provides stable, efficient, and elastically scalable services. Data integration is designed to implement fast and stable data movement and synchronization between multiple heterogeneous data sources in complex network environments. For more information, see #unique_12.
- Data development: Data development helps you design data computing processes based on business requirements and make task dependencies automatically run in the scheduling system. For more information, see Data development overview.
- O&M center: O&M center is a place where tasks and instances are displayed and operated. You can view all your tasks in Task List and perform such operations on the displayed tasks. For more information, see #unique_14.
- Data management: Data management in Alibaba Cloud DTplus platform displays the global data view and metadata details of an organization, and enables operations such as separate permission management, data lifecycle management, and approval and management of data table, resource, or function permissions. For more information, see Data management overview.

Basic Information	
Workspace Name:	The name must start with a letter, and can include letters, nun
Display Name:	The default name is the same as the DataWorks workspace n
* Mode:	Single Environment 📝
Description:	
Advanced Settings	
* Task Recurrence:	On 🕜 👔
* SELECT Result Download:	On 🕜 🕐
Information of MaxCompute	
* MaxCompute Project Name :	0
* Identity to Access MaxCompute: W	Vorkspace Owner 📝 🚱
* Resource Group:	Pay-As-You-Go Default Resource G 🗸

4. Enter project basic information and set advanced settings.

Basic Information

- Workspace name: The workspace name must be between 3 and 27 characters in length.
- Display name: The display name must be less than 27 characters in length.
- Mode: The project mode is a new feature introduced by the new DataWorks version. It is separated into simple and standard mode. For differences between the two project development patterns, see #unique_16.
 - Simple mode: A DataWorks project corresponding to a MaxCompute project, cannot set the development and production environment. Under this mode,

you can only perform simple data development, and cannot control the data development process and table permissions.

 Standard mode: A DataWorks project corresponding to two MaxCompute projects can set both the development and production environments , improve code development specifications, and strictly control table permissions, prohibits arbitrary operation of the production environment table, and ensure the data security of the production table.

Advanced Settings

- Enable scheduling frequency: Controls the current project scheduling system .If it is disabled, it cannot periodically schedule tasks.
- Enable select result downloads in this project: Whether data results from select statement can be downloaded in this project, and if it is disabled, it cannot download data query results from the select statement.
- For MaxCompute
 - Development Environment MaxCompute Project name:The default name is the project name + "_ dev" suffix, and can be modified.
 - Development Environment MaxCompute access identity: The default identity is a personal account.
 - Production Environment MaxCompute Project name: The default name is the same as DataWorks project.
 - Production environment MaxCompute access identity: The default name is the production account. We do not recommend modifying this name.
 - Quota group: Quota is used to implement disk quotas.
- 5. When the configuration is complete, click Create Workspace.

After the workspace is created successfully, you can view content on the Workspace List page.

Note:

- Once you become a project owner, you have full ownership over all project content, and anyone that requires project access must apply for permission. first .
- General users do not have to create a workspace(project.) If you are added to a project, you can use MaxCompute.

Next step

Now that you have learned about project creation, you can move on to the next topic. In the next topic, you will learn how to quickly complete data development operations and data O&M. For more information, see <u>Quick Start</u>.

2.5 Add users and roles

You can skip this article if DTplus is for your personal use. If DTplus is used for collaboration projects, you must create a Resource Access Management (RAM) user according to #unique_5 and #unique_6, then complete configurations as follows.

Alibaba Cloud DTplus products adopt the RAM primary account or RAM user logon system.

RAM user billing

Alibaba Cloud account (or the primary account) represents the ownership of Alibaba Cloud resources and is the main account for metering and billing resource usage. The primary account allows you to create RAM users for your enterprise to manage, and authorize permissions.

Created and managed by the primary account in RAM , the RAM user has no resources, and therefore cannot be metered and billed separately. All RAM users are controlled and paid by their primary account.

Procedure

1. Go to the Workspace List page of DataWorks, and click Enter Project after the corresponding project list.

E C-J Alibaba Cloud	čhina (Hangzhou) 🔻	Q Search		Billing Management	Enterprise	More	۶.,	۵.	A	0	ଛ	English	0
		Overview Workspaces	Resources	Compute Engines									
Enter a workspace or display name	Search									Create	e Worksp	bace Refr	esh
Workspace/Display Name	Environments	Created At	Administrator	Status	Service		Ac	tions					
	Development and Production Environments	2019-07-26 17:10:46	-	Enabled	∞ 🔨		Cł	orkspace lange Sei ore 👻				cs Data Servi	ice
	Single Environment	2019-05-30 11:40:00	-	Enabled	೦. ಕ್ಷ		Cł	orkspace nange Ser ore 👻				cs Data Servi	ice

- 2. Click Project Management to go to the project management page.
- 3. Click Project Member Management in the left-side navigation pane.

4. Click Add Members to display the following dialog box.

Click Refresh to synchronize the RAM user under the current Alibaba Cloud account in the RAM console to the selected list.

Add Member					×
You can go to the RAN	Viconsole to create a RAM us	er, and click <mark>Refresh</mark> to u	pdate the account list on this pa	age.	
* Members :	Available Accounts		Added Accounts		
	Search here	Q	Search here	Q	

Note:

To add a new RAM user, click RAM Console in the preceding figure to open the Alibaba Cloud RAM page. For more information about adding and delivering a RAM user, see #unique_4. 5. Check RAM users in the New Members dialog box, select a role permission for these RAM users in batches, and click OK to add members.

Add Member					×
You can go to the RAM	Iconsole to create a RAM user, and	d click <mark>Refresh</mark> to upda	te the account list on this p	page.	
* Members :	Available Accounts		Added Accounts		
	Search here	Q,	Search here	Q,	
•		A			
			2		
		*			
	- 1/19 items	•	0 item		
* Roles :	Administrators 🗸 Developer	Administration Ex	pert Deployment Expe	ert Visitor Sec	curity
	Expert		, .		,
				Cancel	

The existing members and their roles in the project can be viewed in the list and modified as required. You can also remove RAM users from the project.

G DataWorks		` ~						ಲ್ಕೆ 👻
=								
🔅 Workspace Managem	Members View Role Pe	ermissions						
A User Management	All	Search	by member name or by	Alibaba Could account.	Search			Add Member
Permission List	Project Manager 2							
Maxcompute Manage	Deploy 0		Member	Tenant Account	Roles		Added At	Actions
	Development 0		100.00	101.000	Project Manager 🗵	~	May 23, 2018 13:27:33	Owner
	Visitor 0		100	1000	Project Manager ×	~	May 23, 2018 13:56:25	Delete
	Project Owner 1	1 🔚	-					
	0&M 0	Delete					CPrevious 1 Next > Items per pa	ge: 10 🗸

The project members can be assigned five roles namely, project administrator , deployer, developer, guest, and maintainer. The project creator is the project administrator by default.

A brief description about the roles is as follows.

• Development: Manages the design of data development page and workflow maintenance.

- O&M: Manages the running conditions of all tasks in the O&M center page and handles them accordingly.
- Project administrator:

In addition, to having full permissions as to that of developer and maintainer, the project administrator can perform project level operations, such as adding or removing project members, granting roles, and creating custom resource groups.

- Deploy: Reviews the task code and decides whether to submit it to the maintainer under the multi-project mode.
- Visitor: The visitor can view the workflow design and code content on the data development page with read-only permissions.
- · Safety Manager: Only has s Data Security Guard permissions.

Note:
 11010.

If you already added the RAM user to the project, you can use the RAM user to log in to DataWorks. After logging in, you need to update the personal AccessKey information of the RAM user in the number plus console. For more information, see #unique_19.

2.6 Update Account Information

If this is your first time logging on to DataWorks, you must complete the configurations in the following procedure in #unique_4 and #unique_6, then update your account information as instructed.

The critical AccessKey information of the primary account is associated with the project member management along with most of the operations. Therefore, the primary account user must ensure the AccessKey information in DataWorks is consistent with the valid AccessKey value in the RAM management page.

Procedure

1. Log on to the DTplus consoleand click Personal Information.

Ш			
Base services			
▼ DTplus	DTplus Console	DER 194-BEL SERVICEMENTALISECON	PECE STREET
 Overview 			
📴 DataWorks	About Organization		
Quick BI	Administrator: 5*8	7	
🕅 DataV	Members: 5 peoples Member M	Aanagement	200121
🕅 MaxCompute	RAM User Login Link Copy Perso	Information	

2. On the Personal Information page, you can view and modify the AccessKey information.

Personal Information Return									
@ Alibaba Cloud account/sub-account identity authentication information	② Alloaba Cloud account/sub-account identity authentication information (AccessRey) is used for identity authentication in MaxCompute computing engines. You can view the information on the Alloaba Cloud account management page/sub-								
account management page:									
Click to go to Alibaba Cloud account management page and create/manag	e the Albaba Cloud account Accessilley;								
Click to go to Access Control page and create/manage the sub-account Acc	ressRey								
My Account ID : 5204599714859318									
AccessRey ID : LTAD-BISShTUFFM	Modily AccessRey Information								

3. You must confirm the preceding AccessKey is consistent with the valid AccessKey, and is enabled and displayed in the DTplus console.

	AccessKey			
Security Management				
Access Key ID and Access Key Secretary	et are the API keys for you to access Aliyun. It has fu	all access privilege of the account. P	lease keep it safe.	
User Access Key				Create Access Key
AccessKey ID	Access Key Secret	Status	Time Created	Action
LTABIDOSORUTI	Show	Enable	2018-02-26 15:49:00	Disable Delete
LTAVESCHWQILH	Show	Enable	2018-01-24 15:59:23	Disable Delete