## Huawei Cloud Miscellanea

FunctionGraph <---> Database Connectivity

Sample Code:

|  |
| --- |
| const RD = require("reallydangerous");  const mysql = require("mysql2/promise");  const childProcess = require("child\_process");  const ObsClient = require("esdk-obs-nodejs");  const argon2 = require("argon2");  const signer = new RD.Signer("FunctionGraphSuisei");  let connection = null;  exports.handler = async (event, context) => {    if (!connection) connection = await mysql.createConnection(JSON.parse(context.getUserData("gaussDBconnect")));    const [rows, fields] = await connection.execute('SELECT \* FROM `user`', []);  return rows;  }; |

Function Setup

1. Place the function in the same VPC as your database
2. Assign an Agency (IAM Role) with VPC FullAccess (existing one is called FunctionAgency)
3. Go to Configuration > Encryption Settings (this is where you can add private data)
4. Create “gaussDBconnect” and enter a connection string  
   RDS: {"host":"192.168.0.251","user":"root","password":"2456f19c-1212-49ac-853b","database":"ecoshop\_test"}  
   GaussDB (inactive): change the host

**Signer Secret & Salt:**

* Secret: fz7byeewG3GbkCSWe2T3DnhO4T6MbEHt
* Salt: sGNdD8DsDZJas2fjkOKl8xRToTViFh4v