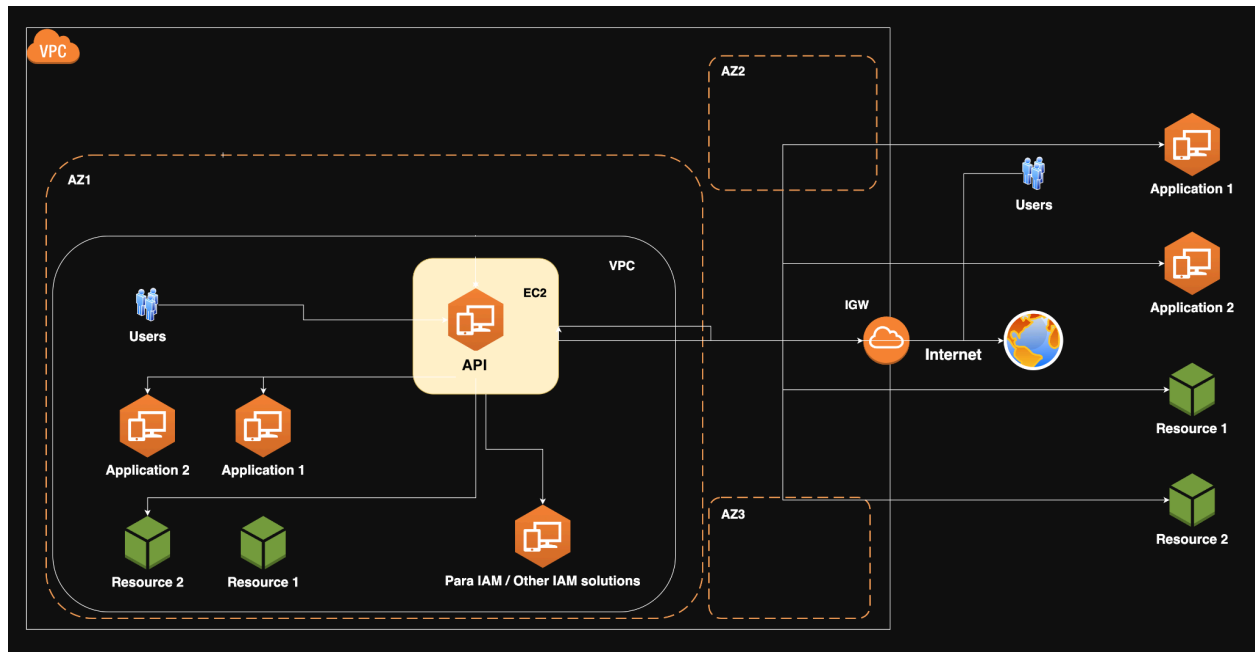# Paraview Enterprise API Installation Guide for HuaweiCloud

## Prerequisites

- HuaweiCloud account with administrative privileges
- Default VPC or a VPC with a Public Subnet
- Neccesary region access and resources.

## Architecture



## Step 1: Infrastructure Check

1. Launch the HuaweiCloud console and pick the region you want to deploy to. At least one Default VPC or user-defined VPC with Internet access is available.

## Step 2: Installation thru KooGallery Marketplace

1. Please open your Browser. We recommend Chrome and going to KooGallery Marketplace.

2.  Search **Paraview Software**, and you will see there are few software. Please click **Paraview Multi-Factor Authenticator.**
3.  Pick your installation region, click subscription, and agree to the agreement.
4.  Follow the instruction key in the RFS stack name. And the administration password.

5.



6.

< | **Create Stack**

✓ Select Template ——— ✓ Configure Parameters ——— ✓ Configure Stack ——— 4 Confirm Configurations

ℹ RFS is free of charge, but the resources in the stack are not. Currently, you need to create an execution plan (free of charge) to obtain the estimated price.

### Template Info

| Stack Name | paraview-pam-stack | Description | Paraview pam for HCL |
|---|---|---|---|

### Parameters ✎

| Parameter Name | Value | Type | Description |
|---|---|---|---|
| admin_password | ************** | string | the admin password of ecs. |
| vpc_cidr | 192.168.0.0/16 | string | Specifies the range of available subnets in the VPC. The value ranges from 10.0.0.0/8 to 10.255.255.0/24, 172.1… |
| vpc_subnet_cidr | 192.168.10.0/24 | string | Specifies the network segment on which the subnet resides. The value must be in CIDR format and within the CI… |
| vpc_subnet_gateway_ip | 192.168.10.1 | string | Specifies the gateway of the subnet. The value must be a valid IP address in the subnet segment. Changing this… |
| charging_mode | postPaid | string | Specifies the charging mode of the disk. The valid values are as follows:prePaid: the yearly/monthly billing mode… |
| period_unit | month | string | The period unit of the pre-paid purchase.Valid values are month and year. This parameter is mandatory if chargi… |
| period | 1 | number | The period number of the pre-paid purchase. If period_unit is set to month , the value ranges from 1 to 9. If perio… |

### Stack Settings

| IAM Permission Agency | -- | Auto-Rollback | Disabled | Deletion Protection | Disabled |
|---|---|---|---|---|---|

Estimated fee: You can obtain the estimated fee after creating an execution plan (free of charge).

Previous    Create Execution Plan    Directly Deploy Stack

7.

**Create Execution Plan**

To preview your resource billing information, you can create an execution plan.

★ Execution Plan Name

paraview-pam-hcl-stack

Description

Paraview pam for hcl stack

26/255

OK    Cancel

8.



| Execution Plan Name/ID | Status | Estimated Price ⓘ | Created | Description | Operation |
|---|---|---|---|---|---|
| paraview-pam-hcl-stack<br>e66d9b58-d541-4f8b-a... | Available | View Details | Mar 17, 2025 03:31:25 G... | Paraview pam for hcl... | Deploy  Delete |

9.

10. Once it's done, please check the Outputs for login credentials.



**Note:** Please be patient. The installation process will take around 5 minutes. Please check the **Output** for your application default credential.

# Step 3: Troubleshooting

1. Open ECS service
2. Search for paraview-pam-standalone-trial-hcl vm
3. From Operation Remote Login

## Logging In to a Linux ECS ⊙

⚠ Ensure that the security groups allow access to port 21, 22, 80, 443, 3389 and ICMP. View port functions
Configure security group rules ⊡

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**CloudShell-based Login (Default Port: 22)** Recommended

You can copy and paste commands, manage multiple sessions, and log in to multiple ECSs easily.

Log In

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∨ Other Login Modes

CBH-based Login   VNC Login

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If you have any remote login issues, you can troubleshoot them based on the help documentation.   View FAQs ⊡

4.

| | |
|---|---|
| *Region : | ap-southeast-3 ∨ Refresh |
| *ECS : | paraview-pam-standalone-trial-hcl |
| | ● 119.8.186.23 (EIP)   ○ 192.168.10.235 (Private IP) |
| Port : | 22 |
| *User : | root |
| *Auth-Type : | Password-based ∨ |
| *Password : | **Key in your defined admin password** |
| Session Name : | root@119.8.186.23 |

☑ Open Remote Host Filesystem

Note:
- To ensure the security of the connection, the system will automatically disconnect sessions that have not been active for more than 20 minutes.
- Please make sure to add inbound rules to allow external network traffic from CloudShell Proxy Server (SSH default port 22) to be sent to the ECSs in the security group.
- When operations get stuck after remote login, please check the CPU and memory of the machine. Please configure Cloud Eye to send alarm notifications when abnormal ECS events occur.
- Huawei CloudShell will not save your password, please keep it properly.

Connect     Cancel

5.

6.  #tail -f /var/log/cloud-init-out.log for installation details.