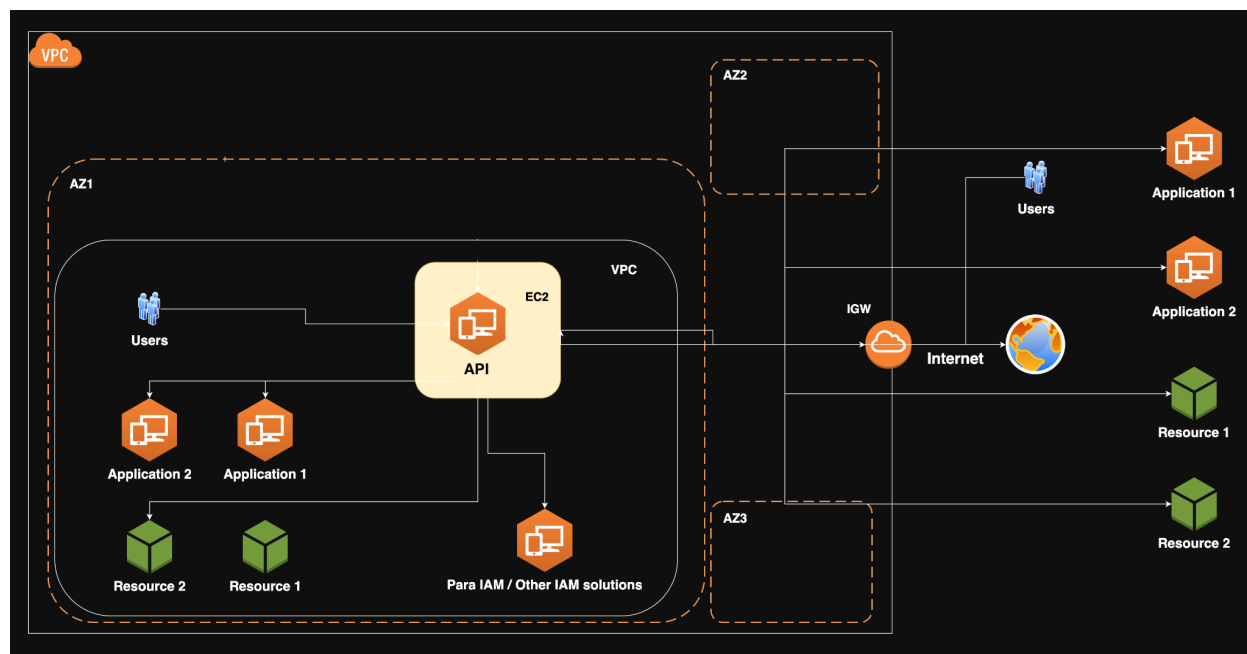


Paraview Application Server Gateway Installation Guide for HuaweiCloud

Prerequisites

- HuaweiCloud account with administrative privileges
- Default VPC or a VPC with a Public Subnet
- Necessary 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 Application Server Gateway**.
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.


< | **Create Stack**

1 Select Template — 2 **Configure Parameters** — 3 Configure Stack — 4 Confirm Configurations

* Stack Name
The stack name must start with a letter and can contain a maximum of 128 characters, including letters, digits, underscores (_), and hyphens (-). The stack name must be unique.

Description  20/255

Configure Parameters


 ☒ Encrypt some resources based on the template requirements. ⓘ

Parameter	Value	Type	Description
* admin_password	<input type="password" value=""/>	string	the admin password of ecs.
vpc_cidr	<input type="text" value="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, ...
vpc_subnet_cidr	<input type="text" value="192.168.10.0/24"/>	string	Specifies the network segment on which the subnet resides. The value must be in CIDR format and within ...
vpc_subnet_gateway_ip	<input type="text" value="192.168.10.1"/>	string	Specifies the gateway of the subnet. The value must be a valid IP address in the subnet segment. Changin...
* charging_mode	<input type="text" value="postPaid"/>	string	Specifies the charging mode of the disk. The valid values are as follows:prePaid: the yearly/monthly billing ...
period_unit	<input type="text" value="month"/>	string	The period unit of the pre-paid purchase.Valid values are month and year. This parameter is mandatory if c...
period	<input type="text" value="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...

5.

< | **Create Stack**

1 Select Template — 2 Configure Parameters — 3 **Configure Stack** — 4 Confirm Configurations

Agency  [How to Create an Agency?](#)

An agency can clearly define RFS's operation permissions (such as creation, update, and deletion) on stack resources. If the agency permissions are insufficient, subsequent operations such as deployment and execution plan creation may fail. [Create Agency on IAM](#)

1 Recommended. If no agency is configured, RFS will have the permissions of the current user for deployment. An agency limits RFS's permissions on cloud service resources, preventing undesired operations caused by incorrect templates or parameters.

Auto-Rollback ☐ If auto-rollback is enabled, the stack automatically rolls back to the previous successful resource status when the operation fails. After the stack is created, you can modify the stack configurations on its details page.

Deletion Protection ☐ Deletion protection prevents the stack from being deleted accidentally. You can modify it on the stack details page.

6.

Create Execution Plan

×

1


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.

paraview-pam-stack

Delete

Update Template/Parameter

C

Basic Information

Resources

Outputs

Events

Template

Execution Plans

Deploy

Enter a keyword.

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

9.

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

paraview-pam-stack

Delete

Update Template/Parameter

C

Basic Information

Resources

Outputs

Events

Template

Execution Plans

Welcome to Paraview PAM standalone Trial edition. Please wait about 5mins then you should be able to access http://119.8.186.23 with _sysadmin and Admin.123 credential.

Enter a keyword.



Name	Type	Description
info	string	Welcome to Paraview PAM standalone Trial ed... --

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](#) 

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


Other Login Modes

CBH-based Login VNC Login

If you have any remote login issues, you can troubleshoot them based on the help documentation. [View FAQs](#) 


4.


Region : ap-southeast-3  

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 

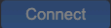

Password : **Key in your defined admin password**

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.

5.

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