# Paraview MFA 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.

	< Create Stack		
	Select Template	2 Configure Parameters 3 Configure Stack 4 Confirm Configurations	
	* Stack Name paraview-par The stack name	m-stack en must start with a letter and can contain a maximum of 128 characters, including letters, digits, underscores (), and hyphens (). T	The stack name must be unique.
Configure Parameters   Image:	Description Paraview par	m for HCL 20/255 //	
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* elimin_pasewort          * elimin_pasewort       ************************************	Parameter	Value Type Description	
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ypc_subset_cidr       192.183.10.024       atrop       Specifies the network segment on which the subset nesdes. The value must be in CDR tormat and white:         ypc_subset_cidr       182.18.1.11       atrop       Specifies the gateway of the subset. The value must be in CDR tormat and white:         ypc_subset_cidr       ypc_subset_cidr       atrop       Specifies the gateway of the subset. The value must be in CDR tormat and white:         ypc_subset_cidr       ypc subset_in the subset segment. Charge       atrop       Specifies the gateway of the subset. The value must be in CDR tormat and white:         ypc_subset_cidr       ypc subset_in the subset segment. Charge       in ype segment on the set set.       The value must be in CDR tormat and white:         ypc_subset_cidr       ypc segment       in ype segment on the subset segment. Charge       In ype segment on the set set.       The value must be in CDR tormat and white:         ypc subset_units       in ype segment on the pre-paid purchase. It period_units is used to ype segment on the set.       In ype segment on the pre-paid purchase. It period_units is used to ype segment on the pre-paid purchase.       If walue nearges torn 10.8 if         Ypc       Configure Parameters       If walue nearges torn 10.8 if       If walue nearges torn 10.8 if         Ypc       Select an agency:       Ypc Select an agency:       If walue nearges torn 10.8 if       If walue neagency bis configure and ype segment on perimissions on	vpc_cidr	192.168.0.0/16 Specifies the range of available subnet	ets in the VPC. The value ranges from 10.0.0.0/8 to 10.255.255.0/24,
vpc, subset, gateway, p       192.161.01       string       Specifies the gateway of the subset. The value must be a valid P address in the subset expresent. Ohangin         e charging_mode       peopPaid       one       string       Specifies the charging mode of the disk. The valid values are as tokines prePaid. the yearlymonthy billing         period_unit       morth       one       the period unit of the pre-paid purchase. If period_unit is set to morth, the value arages from 1 to 8.1.         v       Create Stack         v       Select Template       vice Configure Parameters       of       Configure Stack       4       Configure Address and period.         Agency       Nuaweicloud       Select an agency.       v       C       How to Create an Agency?         Agency       Nuaweicloud       Select an agency.       c       How to Create an Agency?         Agency       Nuaweicloud       Select an agency.       c       How to Create an Agency?         Agency       Nuaweicloud       Select an agency.       c       How to Create an Agency?         Agency       Nuaweicloud       Select an agency.       c       How to Create an Agency?         Auto-Rollback       In 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 undestied orperation scaused by incorrect templates o	vpc_subnet_cidr	192.168.10.0/24 string Specifies the network segment on which	ich the subnet resides. The value must be in CIDR format and within
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Ξ	<	Create Stack							
٢	$\bigtriangledown$	) Select Template (	Configure Parameters	Configure Stack	k Confirm Config	urations			
۵ M		RFS is free of charge, but the r	esources in the stack are not. Currently, you	u need to create an exe	ecution plan (free of charge) to obtain t	the estimated price.			
0		Template Info							
Ô		Stack Name	paraview-pam-stack			Description	Paraviev	v pam for HCL	
⊘		Parameters 🖉							
Ð		Parameter Name	Value	Туре	Description				
&		admin_password		string	the admin password of ecs.				
		vpc_cidr	192.168.0.0/16	string	Specifies the range of available sul	bnets in the VPC. The value ra	anges from 10.0.0.0/8 to	0.255.255.0/24,	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 fo	ormat and within t	he CI
		vpc_subnet_gateway_ip	192.168.10.1	string	Specifies the gateway of the subne	et. The value must be a valid IF	P address in the subnet s	egment. Changin	g this
		charging_mode	postPaid	string	Specifies the charging mode of the	disk. The valid values are as	follows:prePaid: the year	y/monthly billing	mode
		period_unit	month	string	The period unit of the pre-paid pure	chase.Valid values are month	and year. This parameter	is mandatory if cl	hargi
		period	1	number	The period number of the pre-paid	purchase. If period_unit is set	to month , the value rang	es from 1 to 9. If	perio
		Stack Settings							
		IAM Permission		Auto-Rollba	ack Disabled	Deletion Pro	tection Disabled		
	Estimated fee: You can obtain the estimated fee after creating an execution plan (free of charge).  Create Execution Plan  Directly Deploy St							Deploy Stack	

7.

		Create Execution	Plan		×
		1 To preview your resou	rce billing information, you can create	e an execution plan.	
		* Execution Plan Name	paraview-pam-hcl-stack		
		Description	Paraview pam for hcl stack		
				<b>26</b> /255	
				OK Cancel	
8.					
		A paraview-pam-stack           Basic Information         Resources         Outputs	Events Template Execution Plans	Delete	Update Template/Parameter
	Ô				
	.000.	Deploy		Enter a k	eyword. Q
	0	Execution Plan Name/ID Status	Estimated Price ⑦	Created De	escription Operation
	0	e66d9b58-d541-4f8b-a Available	View Details	Mar 17, 2025 03:31:25 G Pa	aview pam for hcl Deploy Delete
9.	@ 				

1

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

<   paraview-	C   paraview-pam-stack								
Basic Information	Resources	Outputs	Events	Template	Execution Plans				
					Welcome to Paraview PAM standalone Trial edition. Please wait about 5mins then you should able to access http://119.8.186.23	Enter a keyword. Q			
Name		Туре	1		with _sysadmin and Admin.123 credential.	Description			
info		string	3		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 ⑦	×
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 📿

5.

• 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 :		
Session Name :	root@119.8.186.23	
🗹 Open Remo	te Host Filesystem	
Note:		
- To ensure the	e security of the connection, the system will automatically disconnect sessions that have	not been
active for more	e than 20 minutes.	CCU
default port 22	to be sent to the ECSs in the security group.	330
- When operat	ions get stuck after remote login, please check the CPU and memory of the machine. Plea	ase
configure <u>Clou</u>	d Eye to send alarm notifications when abnormal ECS events occur.	
- Huawei Cloud	Shell will not save your password, please keep it properly.	
	Connect Cancel	

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