



CloudFormation AMI install for: RUCLOUD OPTIMIZED

v19.10

WELCOME AND CONGRATULATIONS

You will soon be drastically reducing your AWS Opex. We have kept the install as simple as possible so hopefully you will find it a breeze to install. If you do however run into any install issues, we are here to help. Please contact our support via: <https://www.rucloud.technology/support/>

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Login to your AWS Account

Login to your account via the AWS Management Console.

Find the AWS Marketplace listing for Rucloud optimized.

There are three ways to find the AWS Marketplace listing for Rucloud optimized.

- 1) Follow the links from our website <https://rucloud.technology>
- 2) Search within the AWS Marketplace for “Rucloud optimized”
- 3) Follow the links from one of our partner websites.

Launch the CloudFormation template.

Within AWS Marketplace click on “Continue to Subscribe” and “Accept Terms”

After a short period you can click on “Continue to Configuration”

Select the latest Software Version and the Region you wish to deploy into. Click “Continue to Launch”

Select “Launch CloudFormation” as your Choose Action” and click Launch.

Click “Next” and you will be presented with the following screen.

Create stack

Specify stack details

Stack name

Stack name

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

AllowPrefix
Network/Prefix allowed to access Rucloud EC2 instance e.g. 10.1.1.0/24

InstanceType
EC2 instance size

KeyName
EC2 instance SSH Key

SubnetID
Subnet ID for EC2 instance

VPCidName
VPC for EC2 instance

Cancel Previous Next

Fill out the CloudFormation Stack Name with a unique reference (We are using “rucloud-1910”)

Within Parameters enter the AllowPrefix, this is a IP prefix in a CIDR format, this should include any source addresses that need to connect to the rucloud optimized dashboard.

Within each dropdown window specify the Keyname, Subnet and VPC you wish to install the rucloud optimized instance.

Choose the best instance type for your environment, details can be seen at:

<https://www.rucloud.technology/pricing/>

Click "Next"

For the "Configure Stack Options" screen, add any tags you require and click "Next"

Check the "I acknowledge that AWS CloudFormation might create IAM resources." Box and click "Create stack".

Within 3-5 mins the stack will be built, the outputs tab will show your instance ID.

Additional connectivity (optional)

The rucloud instance uses the following ports for connectivity:

- https (443)
- http (80)
- ssh (22)

The CloudFormation template will open these ports to the subnet you have just specified within the allow prefix entry. If you require additional subnets to access your new instance then a new set of rules for required ports will need to be added to the newly created rucloud security group.

Connect and run.

Note the **IP address** of the instance and **connect** to this **via a browser** using the url below (Replace 127.0.0.1 with the instances IP address).

<https://127.0.0.1/init>

Accept the **warnings** regarding the certificate and **continue** to the site.

The init screen will guide you through registering your initial admin username and password.

Once registered and logged in you should see a similar main dashboard as below:

Welcome Nick to Rucloud optimized: Main dashboard.

Total Instances	Scheduled	Non Scheduled	Total Volumes	Managed	Unmanaged	Total GB	License
91	91	0	4	4	0	618	r5.large
EC2 CostSaving	Current EC2 Cost	Original EC2 Cost	EBS CostSaving	Current EBS Cost	Original EBS Cost		
100.00%	\$0.00	\$359.03	93.15%	\$19.16	\$279.84		

