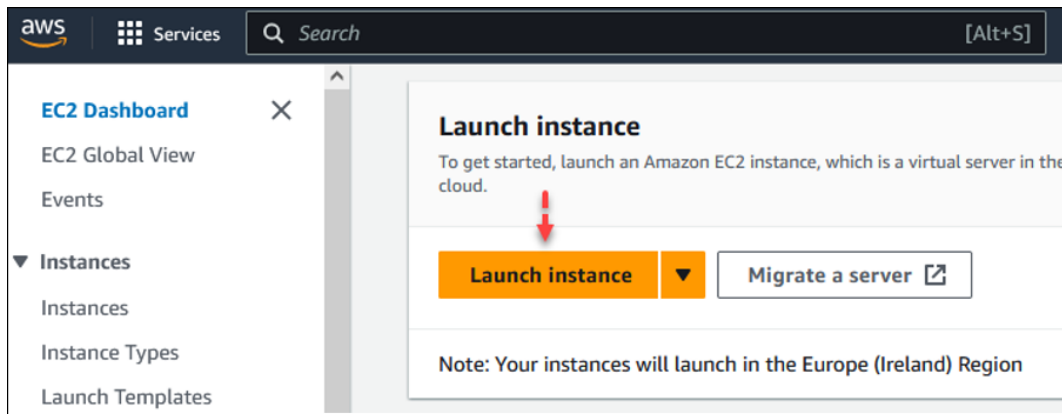


VITEC ChannelLink on Amazon AWS

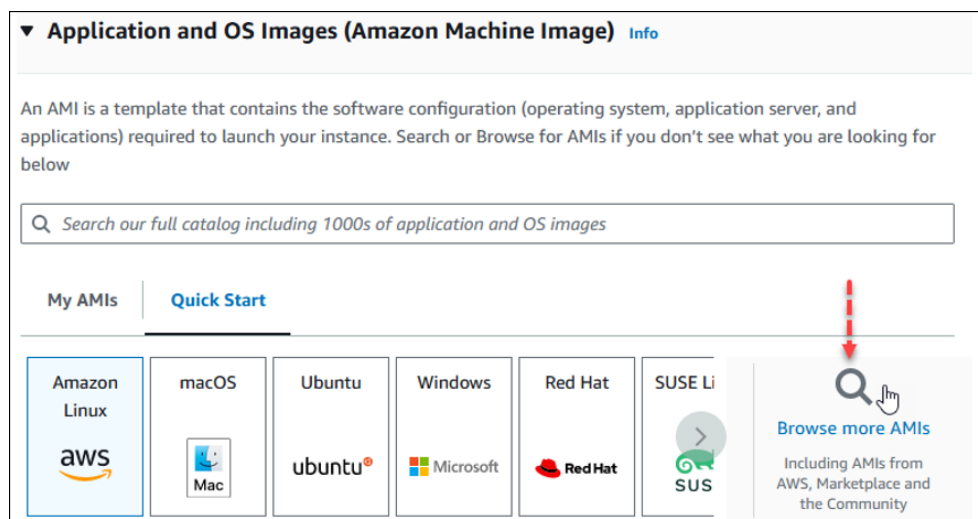
Quick Start Guide

This quick start guide describes how to create a VITEC ChannelLink instance on Amazon AWS (Amazon Web Service). For detailed information about how to use ChannelLink, access the User Manual directly using the help button on the ChannelLink web interface. For further information, please contact the VITEC Customer Success team at <https://www.vitec.com/support>.

1. Sign into your AWS account at <https://console.aws.amazon.com/>.
2. On the EC2 dashboard, click **Launch Instance**.



3. Click **Browse more AMIs** then **AWS Marketplace AMIs**.
 - a. Search for **VITEC**.
 - b. Locate ChannelLink AMI then click **Select**.



Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Selected AMI: (ami-0fef2f5dd8d0917e8) (Quickstart AMIs)

Q VITEC

Quickstart AMIs (47)
Commonly used AMIs

My AMIs (3)
Created by me

AWS Marketplace AMIs (9066)
AWS & trusted third-party AMIs

Community AMIs (500)
Published by anyone

4. Select the Instance type from the proposed list.
5. In the Key pair section, select **Create a new key pair** to connect over SSH to the instance.

Note: You must provide the key pair to Amazon EC2 when creating the instance, then use that key pair to authenticate when connecting to the instance.

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*



[Create new key pair](#)

a. Define the key pair name and click **Create key pair**.

Create key pair ✕

Key pair name
Key pairs allow you to connect to your instance securely.

Access to CL **1**

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

RSA
RSA encrypted private and public key pair

ED25519
ED25519 encrypted private and public key pair

Private key file format

.pem
For use with OpenSSH

.ppk
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Cancel **2** **Create key pair**

b. Save the private key in a secure location.

c. Select the key pair to access the ChannelLink instance.

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

Create new key pair

6. In Network Settings

a. Enable Auto-assign public IP (recommended).

b. Click **Create security group**.

i. Select Allow SSH.

ii. Select HTTPS access (recommended).

c. Custom ports may be opened to allow incoming traffic such as UDP (depending on the protocol used).

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group
 Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

Allow SSH traffic from Anywhere
Helps you connect to your instance
0.0.0.0/0

Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only. ✕

d. To allow UDP traffic (or to add any required traffic rules) , click **Edit**.

▼ **Network settings** [Info](#) **Edit**

e. Select Custom UDP and define the allowed port range (2000-3000 in the example below).

▼ Security group rule 3 (UDP, 2000-3000, 0.0.0.0/0) **Remove**

Type	Protocol	Port range
Custom UDP	UDP	2000-3000
Source type	Source	Description - optional
Anywhere	<input type="text" value="0.0.0.0/0"/>	e.g. SSH for admin desktop

7. Select the storage space for the server. 20GB storage is sufficient for ChannelLink instance.

8. Click **Launch Instance**. After a few minutes, the instance status changes to **Running**.

You have now successfully created the ChannelLink instance.

9. Return to the AWS View Instances page. In the row corresponding to ChannelLink instance, the Public IP address of the server is available.

Access ChannelLink using the Web Interface

1. Launch a ChannelLink instance as described in the previous section.
2. Use a web browser to access the application at https://<EC2_Instance_Public_DNS>/index.html.
3. Sign in using the following credentials:

Username: **administrator**

Password: **administrator**



Access ChannelLink using SSH

1. Launch a ChannelLink instance as described in the previous section.
2. In a terminal console, enter the following command:

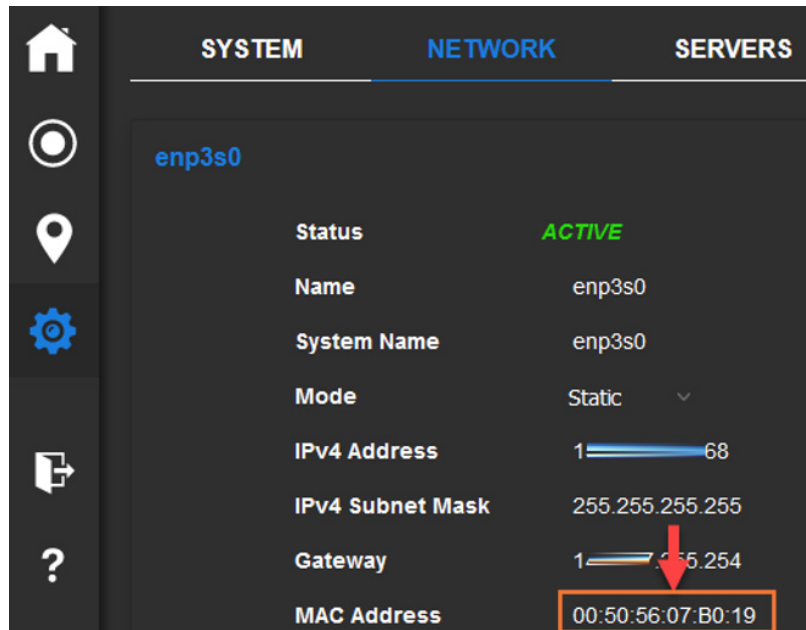
```
ssh -i ./Downloads/<your_key>.pem vitec@<AWS-EC2-ip-address-or-dns-name>
```

Username: **vitec**

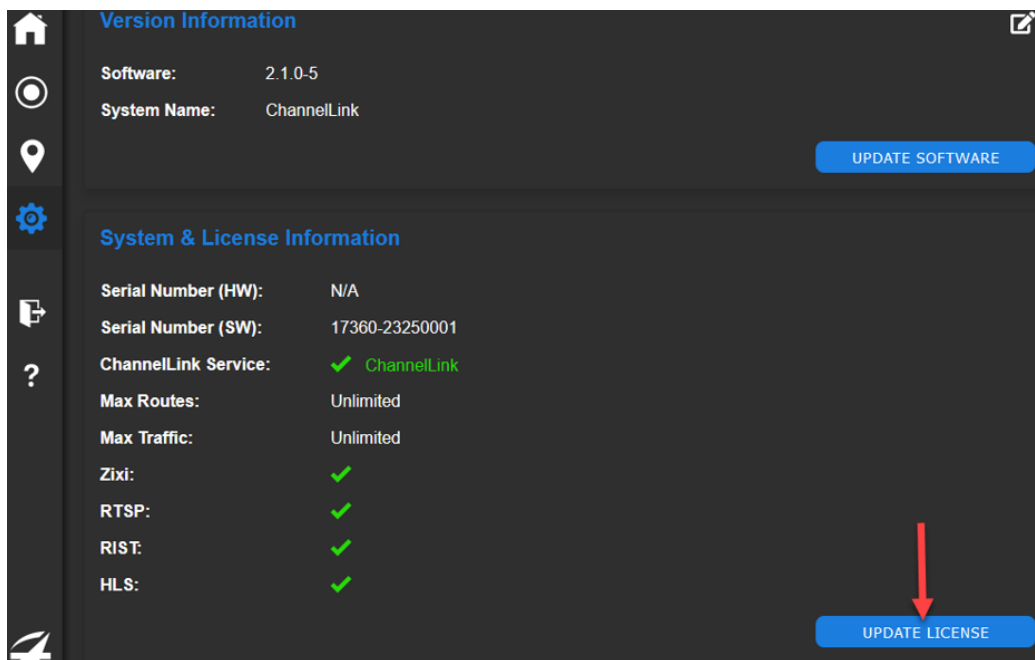
Keys : use the private and public key (key pair) created during previous setup.

Activate your ChannelLink server

1. Contact your VITEC representative (<https://www.vitec.com/contact>) to obtain a ChannelLink licence.
2. The MAC address of the first network interface is required. It can be found in under the Network tab of the Settings menu.



3. To load the licence and activate ChannelLink software, select the System tab from the Settings from the System menu.
 - a. Click Update License.
 - b. Enter the ChannelLink licence number.



4. The ChannelLink instance is now activated and ready to use.