

# Amazon Web Services (AWS) Installation

FileCloud Public AMI (Amazon Machine Image) is currently available in Amazon AWS Marketplace.



## FileCloud

Version 21.1.1.15106 | Sold by CodeLathe

★★★★★ 6 AWS reviews | 14 external reviews ⓘ

FileCloud is the leading, self-hosted file sharing, sync and mobile access for Businesses. Using AWS infrastructure (EC2, EBS, S3) you can jumpstart your own branded, file storage solution in few minutes at a compelling price point . FileCloud client apps are available for all the desktop and...

Linux/Unix, Ubuntu 18.04 - 64-bit Amazon Machine Image (AMI)

➔ See [FileCloud AMI](#) here on AWS Marketplace.

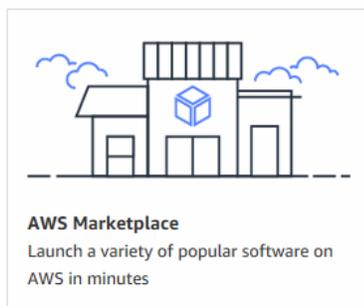
💡 In the following section, to display more information, click on a topic.

The FileCloud AMI image is built on top of Ubuntu.

- FileCloud stores the meta data and file share information in MongoDB database which is already pre-configured in the FileCloud AMI.
- The actual files can be stored in EBS or S3.
- For scalability and redundancy, we recommend you use Amazon S3 for production.
- We also recommend to take periodic snapshots of your running instance for disaster recovery.

Best Practices for an organization of up to 100 users:

- Select a t2.medium, m3.medium, or m3.large instance
- Use Amazon EBS for FileCloud stack (FileCloud application, Apache Webserver, MongoDB Database)
- Use Amazon S3 for cloud storage to provide a scalable, redundant infrastructure to satisfy any business requirement



## What if I'm not using Ubuntu?

Apart from FileCloud AMI on Ubuntu, we have also pre-built AMIs (BYOL - Bring Your Own License) available on [supported versions of Windows Server](#). Please see the AWS marketplace links below,

➔ [FileCloud Enterprise File Sharing and Sync \(Windows Server 2016\)](#)

➔ [FileCloud for Windows Server 2012](#)

We have also the following paid AMI's available on AWS Marketplace,

➔ [FileCloud Enterprise File Sharing and Sync \(20 Users\)](#)

➔ [FileCloud Enterprise File Sharing and Sync - Windows 2012 R2 -\(20 Users\)](#)



# Launching the FileCloud AMI



An Amazon Machine Image (AMI) is a master image for the creation of virtual servers, known as Elastic Cloud (EC2 instances) in the Amazon Web Services (AWS) environment.

Machine images are like templates that are configured with:

- A root volume. This is an operating system and other software.
- Permissions. These settings constrain AMIs for instance launches to the appropriate AWS accounts.
- A block device mapping. This ensures that the correct volumes are attached to the launched instance.

These elements determine the user's operating environment.

 In the following section, to display more information, click on a step.

To launch the FileCloud AMI:



## An AWS Account

An AWS account allows you to:

- Open the Amazon EC2 console
- Choose a launch instance
- Launch your instance

 If you've already signed up for Amazon Web Services (AWS), you can start using Amazon EC2 immediately.

 If you haven't signed up for AWS yet, use the following link to get set up to use Amazon EC2.



[Setting up with Amazon EC2](#)

 You can read more about [Amazon Elastic Compute Cloud](#) on Amazon's site.

You can begin the process of launching a Linux instance by using the AWS Management Console.

To launch an instance:

1. Open the *Amazon EC2 console* at <https://console.aws.amazon.com/ec2/>.
2. From the console dashboard, choose *Launch Instance*.
3. The *Choose an Amazon Machine Image (AMI)* page displays a list of basic configurations, called Amazon Machine Images (AMIs), that serve as templates for your instance.
4. In the *Search* bar, type in *FileCloud*.
5. Next to the latest version, click *Select*.

Figure 1. An example of FileCloud listings in AWS Marketplace. (This image does not necessarily show the latest version.)

Q FileCloud X

1 to 6 of 6 Products >



**FileCloud**

★★★★★ (6) | 17.3.0.37658 [Previous versions](#) | Sold by [CodeLathe](#)

**Bring Your Own License + AWS usage fees**

Linux/Unix, Ubuntu 16.04 | 64-bit Amazon Machine Image (AMI) | Updated: 3/6/18

FileCloud is the leading, self-hosted file sharing, sync and mobile access for Businesses. Using AWS infrastructure (EC2, EBS, S3) one can jumpstart their own branded, file storage ...

[More info](#)

Select





**FileCloud ServerLink - Hybrid Enterprise File Sharing and Sync Solution**

★★★★★ (0) | 17.3.0.37658 | Sold by [CodeLathe](#)

**Bring Your Own License + AWS usage fees**

Linux/Unix, Ubuntu Ubuntu 16.04 | 64-bit Amazon Machine Image (AMI) | Updated: 3/18/18

FileCloud ServerLink is the most powerful hybrid file sharing, sync and backup solution for Enterprises. Using FileCloud ServerLink one can replicate the FileCloud site running ...

[More info](#)

Select

When you launch an instance, the instance type that you specify determines the hardware of the host computer used for your instance.

Each instance type offers different capabilities, such as:

- compute
- memory
- storage capabilities

Instance types are grouped in instance families based on these capabilities.

➔ Read more about Amazon's [Instance Types](#)

Table 1. General Purpose Instance Types

Instance Family	Current Generation Instance Types
General Purpose	t2.nano   t2.micro   t2.small   t2.medium   t2.large   t2.xlarge   t2.2xlarge   t3.nano   t3.micro   t3.small   t3.medium   t3.large   t3.xlarge   t3.2xlarge   m4.large   m4.xlarge   m4.2xlarge   m4.4xlarge   m4.10xlarge   m4.16xlarge   m5.large   m5.xlarge   m5.2xlarge   m5.4xlarge   m5.12xlarge   m5.24xlarge   m5d.large   m5d.xlarge   m5d.2xlarge   m5d.4xlarge   m5d.12xlarge   m5d.24xlarge

➔ Read Amazon's complete listing of [Available Instance Types](#)

💡 CodeLathe recommends that you should select an instance type based on:

- Minimum requirement: t2.medium or t3.medium
- For best performance: select a type in the m series. For example: m3.medium

To choose the Amazon EC2 Instance type:

1. On the *Choose an Instance Type* page, you can select the hardware configuration of your instance.

This step can change depending on the Instance Type you chose:

- T2 instances, such as t2.micro, must be launched into a VPC.

- If your AWS account supports EC2-Classic and you do not have a VPC in the selected region, the launch wizard creates a VPC for you and you can continue to the next step.
- Otherwise, the *Review and Launch* button is disabled and you must choose *Next: Configure Instance Details* and follow the directions to select a subnet.

Figure 2. Options for the next step after selecting an instance type.

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input checked="" type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.micro <small>Free tier eligible</small>	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

To configure instance details:

1. If you selected an Instance Type of t2.medium or t3.medium, then you must enable *T2/T3 unlimited*. See Figure 3.
2. When you get to the Configure Security Group step, open up the port *80/443* for web access. See Figure 4.
3. You might need to open other ports such as *443* (HTTPS), depending on your business requirements.

Figure 3. Configure Instance Details

**Network**  vpc-2daa0148 (default)

**Subnet**  No preference (default subnet in any Availability Zone)

**Auto-assign Public IP**  Use subnet setting (Enable)

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**Placement group**   Add instance to placement group.

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**IAM role**  None

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**Shutdown behavior**  Stop

**Enable termination protection**   Protect against accidental termination

**Monitoring**   Enable CloudWatch detailed monitoring  
*Additional charges apply.*

**Tenancy**  Shared - Run a shared hardware instance  
*Additional charges will apply for dedicated tenancy.*

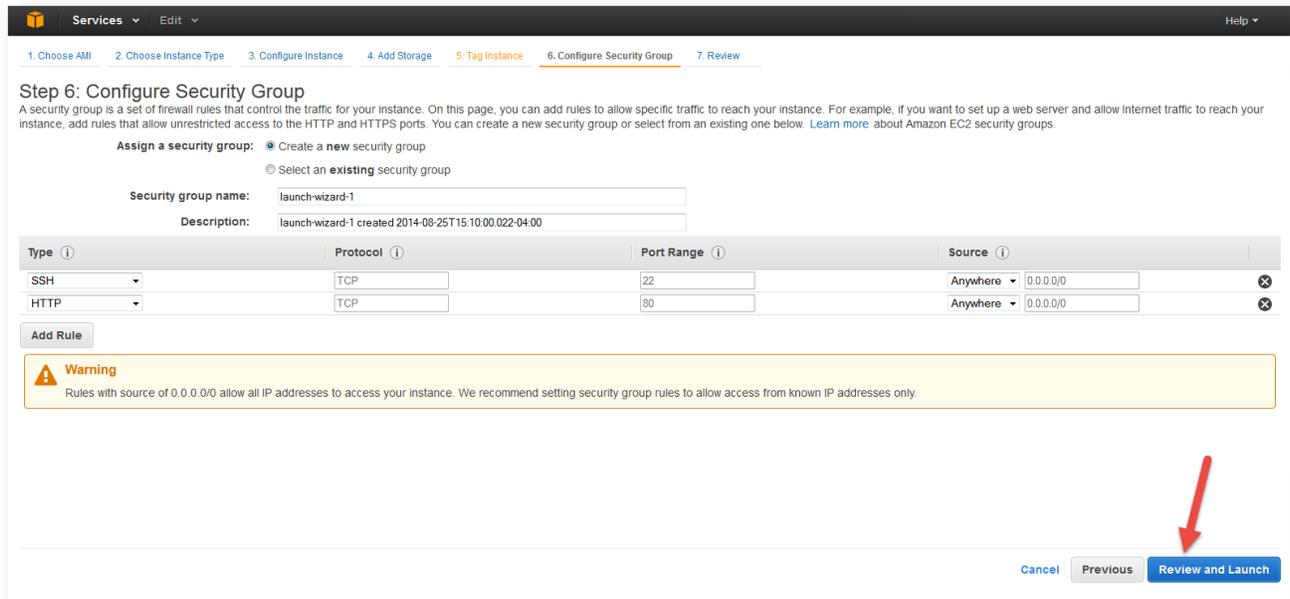
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**T2/T3 Unlimited**   Enable  
*Additional charges may apply*

▶ **Advanced Details**



Figure 4. Configure Security Groups



➔ You can read more about [Amazon EC2 Security Groups](#).

To complete the *Final Review and Launch*, see the next step: [Step 5: Launch the Instance](#)

#### To launch an instance:

1. When you are ready, click *Review and Launch*
2. Next to your instance, select the acknowledgement check box, and then choose *Launch Instance*.
3. A confirmation page lets you know that your instance is launching.
4. Choose *View Instances* to close the confirmation page and return to the console.
5. On the *Instances* screen, you can view the status of the launch. It takes a short time for an instance to launch.
6. When you launch an instance, its initial state is pending. After the instance starts, its state changes to running and it receives a public DNS name.
7. If the Public DNS (IPv4) column is hidden, choose Show/Hide Columns (the gear-shaped icon) in the top right corner of the page and then select Public DNS (IPv4).
8. It can take a few minutes for the instance to be ready so that you can connect to it.
9. Check that your instance has passed its status checks in the *Status Checks* column.
10. Note the Public DNS name to access your FileCloud site.

Figure 5. FileCloud Status in Your AWS dashboard.

The screenshot shows the AWS Management Console interface for an EC2 instance. The instance details are as follows:

Field	Value
Instance ID	i-48a84f64
Instance state	running
Instance type	t2.micro
Private DNS	ip-172-31-26-235.ec2.internal
Private IPs	172.31.26.235
Public DNS	ec2-54-85-174-50.compute-1.amazonaws.com
Public IP	54.85.174.50
Elastic IP	
Availability zone	us-east-1a
Security groups	launch-wizard-1. view rules

To connect to your instance:

1. Open a Web browser.
2. to access the FileCloud admin portal, type in the following URL:

`http://<public_dns_name>/ui/admin/index.html`

3. To login to the Admin Portal, use the following information:

<b>Default Admin</b>	admin
<b>Default Password</b>	Your amazon instance ID

After logging in for the first time, you must change the admin password.

4. After logging in, you will see an Admin Attention window. Use this to install the FileCloud License.

To receive a license you must register at the [FileCloud license management portal](#).

After logging in to the Admin Portal, you will see an Admin Attention window. You will also see tags on the right side of the dashboard telling you about what needs to be done after installation.

Complete the following items after you are able to launch and connect to your instance:

	Item
	Remove the Installation Folder
	The default FileCloud instance uses CodeLathe SMTP servers and accounts to send emails. Change the SMTP servers and accounts to use your own servers for security purposes.

	<p>The admin email address is used in all the emails that sent out from the FileCloud System.</p> <p>Change the admin email to your organization email address.</p>
	<p>To show all the installed packages in this instance:</p> <ol style="list-style-type: none"> <li>1. Open a Web browser</li> <li>2. Navigate to <code>http://&lt;public_dns_name&gt;/install</code>.</li> <li>3. Check the page and familiarize yourself with FileCloud components.</li> </ol>
	<p>The user name for the underlying Ubuntu OS is 'ubuntu'. Before launching the instance you will be required to create a key pair or you can use your existing key pair.</p>
	<p>FileCloud recommends you use S3 for file storage instead of the EBS.</p> <p> To understand how to setup S3 for FileCloud file storage, read <a href="#">Setting up FileCloud Managed S3 Storage</a></p>
	<p>After you configure the FileCloud storage, follow the <a href="#">site setup instructions</a> to setup the FileCloud site according to your requirements.</p>
	<p>Take Periodic snapshots of your running instance for Disaster recovery and as an additional backup for FileCloud database and app.</p>



The ability to install an Enterprise license with components (like Salesforce) is available in FileCloud Server version 18.2 and later.

- Your AMI image will automatically come with a standard or enterprise license.
- When you log in to the Admin Portal, you can automatically see the License type (BASE/ENTERPRISE) and also the total number of licenses on the dashboard.

License Information  Ma	
Licenses	52 Used / 100 Total
License Expiry	5-Oct-2019 ( 323 days left)
License Owner	CodeLathe Technologies Inc



Need to seed data quickly into your new FileCloud installation?



[Seeding FileCloud for Amazon S3](#)