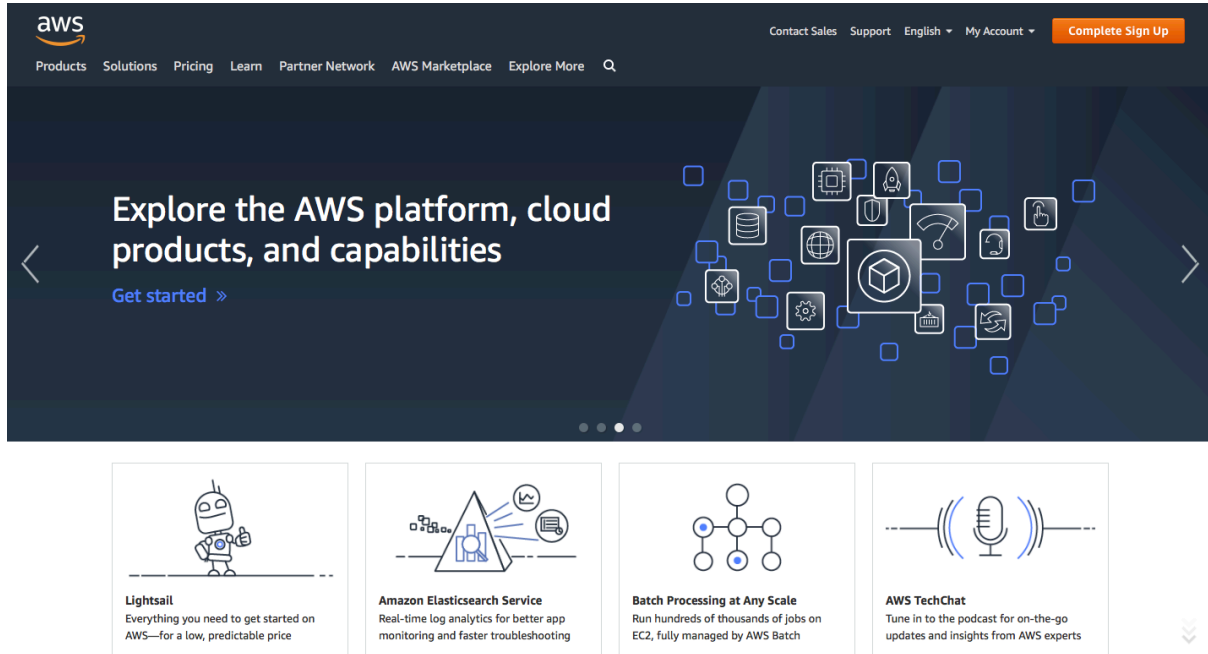
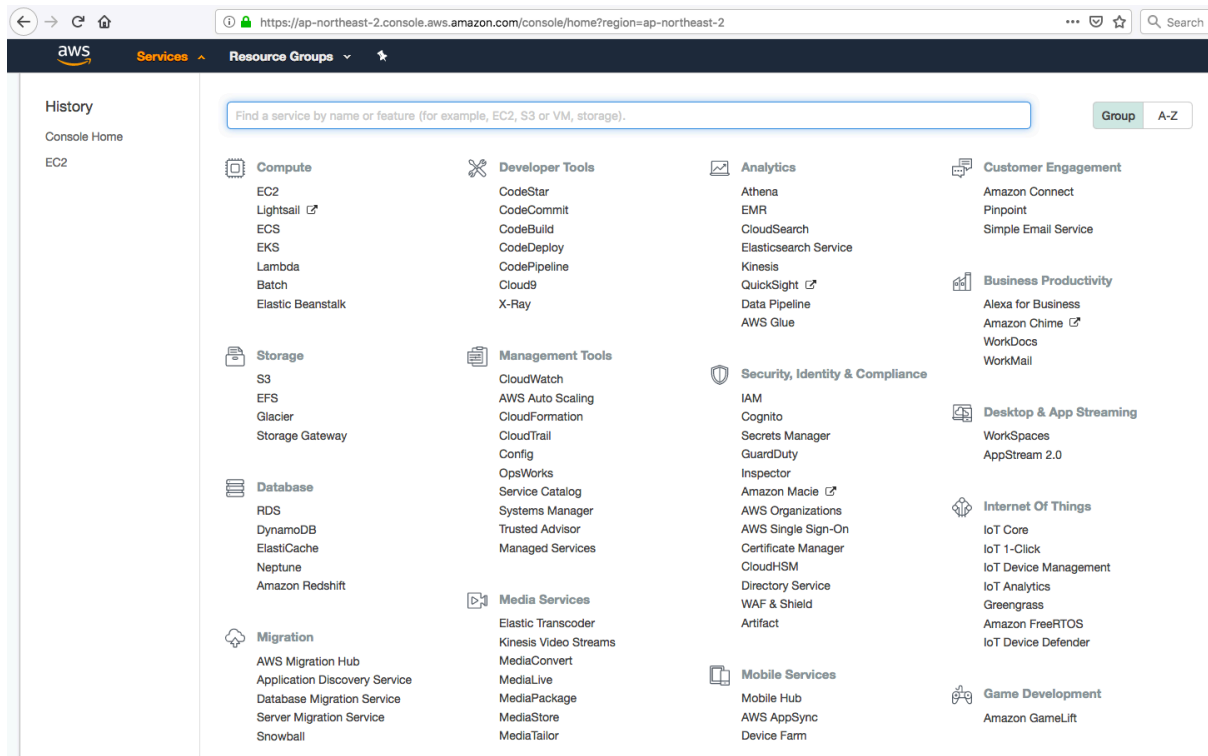


# MagnaChain One Click Deployment

- 1) Signup for an AWS Account or Login to your existing AWS Account at <https://aws.amazon.com>



- 2) Click top left on 'Services' and select EC2



### 3) Click on 'Launch Instance'

The screenshot shows the AWS Management Console for the Asia Pacific (Seoul) region. The left-hand navigation pane is expanded to show the 'EC2 Dashboard' and its sub-items: Events, Tags, Reports, Limits, INSTANCES, IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, and LOAD BALANCING. The main content area is titled 'Resources' and displays a summary of EC2 resources: 0 Running Instances, 0 Elastic IPs, 0 Dedicated Hosts, 0 Snapshots, 0 Volumes, 0 Load Balancers, 0 Key Pairs, 1 Security Groups, and 0 Placement Groups. Below this, there is a 'Create Instance' section with a 'Launch Instance' button. To the right of the 'Create Instance' section, there are two panels: 'Service Health' showing the status of the Asia Pacific (Seoul) region and its availability zones, and 'Scheduled Events' showing no events.

### 4) Select 'Community AMIs' from the left side

### 5) Search for MagnaChain (MagnaChain AMI is available in all regions, but in the rare event it can't be found, please select Asia Pacific (Seoul) as Data Center Area)

The screenshot shows the 'Step 1: Choose an Amazon Machine Image (AMI)' screen in the AWS Management Console. The search bar at the top contains the text 'magnachain'. The left-hand navigation pane is expanded to show 'Community AMIs (1)'. The main content area displays the 'MagnaChain' AMI with the ID 'ami-058b3adaf26116dd'. The AMI details show 'Root device type: ebs' and 'Virtualization type: hvm'. The 'Select' button is visible on the right side of the AMI card. The bottom of the screen shows the 'Operating system' and 'Architecture' filters.

- 6) Select the MagnaChain AMI and select your Instance Type. A Free tier t2.micro is available, we recommend to use t2.large

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GiB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input 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
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	m5d.large	2	8	1 x 75 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5d.xlarge	4	16	1 x 150 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5d.2xlarge	8	32	1 x 300 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5d.4xlarge	16	64	2 x 300 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5d.12xlarge	48	192	2 x 800 (SSD)	Yes	10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5d.24xlarge	96	384	4 x 800 (SSD)	Yes	25 Gigabit	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

- 7) Complete the setup and start your instance, this completes deployment.

EC2 Dashboard

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
	i-0e1c87141b1eb6705	t2.xlarge	ap-northeast-2c	stopped		None

INSTANCES

- Instances
- Launch Templates
- Spot Requests
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

IMAGES

- AMIs
- Bundle Tasks

ELASTIC BLOCK STORE

- Volumes
- Snapshots
- Lifecycle Manager

- 8) Login to your instance. In 'Home' you will find the MagnaChain folder containing README.MD. Please refer to this file for post-deployment instructions.

```
[ubuntu@ip-172-31-24-172:~$ cd MagnaChain
[ubuntu@ip-172-31-24-172:~/MagnaChain$ ls -l
total 11788
-rw-r--r-- 1 ubuntu ubuntu 10902 Jun 1 12:02 CONTRIBUTING.md
-rw-r--r-- 1 ubuntu ubuntu 1099 Jun 1 12:02 COPYING
-rw-r--r-- 1 ubuntu ubuntu 161 Jun 1 12:02 INSTALL.md
-rw-rw-r-- 1 ubuntu ubuntu 44554 Oct 29 07:07 Makefile
-rw-r--r-- 1 ubuntu ubuntu 10773 Jun 1 12:07 Makefile.am
-rw-rw-r-- 1 ubuntu ubuntu 46303 Oct 29 06:59 Makefile.in
-rw-r--r-- 1 ubuntu ubuntu 402 Jun 1 12:02 README.md
-rw-r--r-- 1 ubuntu ubuntu 57839 Jun 1 12:07 _bitcoin_common.vcxproj
-rw-r--r-- 1 ubuntu ubuntu 32889 Jun 9 01:58 _bitcoin_common.vcxproj.filters
-rw-rw-r-- 1 ubuntu ubuntu 55081 Oct 29 06:59 aclocal.m4
-rwxr-xr-x 1 ubuntu ubuntu 527 Jun 1 12:02 autogen.sh
drwxr-xr-x 2 ubuntu ubuntu 4096 Oct 29 06:59 autom4te.cache
drwxr-xr-x 2 ubuntu ubuntu 4096 Jun 1 12:02 bitcoin-cli
drwxr-xr-x 2 ubuntu ubuntu 4096 Jun 1 12:02 bitcoin-tx
drwxr-xr-x 2 ubuntu ubuntu 4096 Jun 1 12:07 bitcoind
drwxr-xr-x 3 ubuntu ubuntu 4096 Oct 29 06:59 build-aux
-rw-r--r-- 1 ubuntu ubuntu 5922 Jun 9 01:58 celllink-msvc.sln
-rw-r--r-- 1 ubuntu ubuntu 168852 Oct 29 07:07 config.log
-rwxr-xr-x 1 ubuntu ubuntu 77229 Oct 29 07:07 config.status
-rwxrwxr-x 1 ubuntu ubuntu 1007210 Oct 29 06:59 configure
-rw-r--r-- 1 ubuntu ubuntu 46263 Jun 10 07:17 configure.ac
drwxr-xr-x 17 ubuntu ubuntu 4096 Jun 1 12:07 contrib
drwxr-xr-x 71 ubuntu ubuntu 4096 Jun 1 12:08 db-4.8.30
drwxr-xr-x 6 ubuntu ubuntu 4096 Jun 1 12:07 depends
-rw-r--r-- 1 ubuntu ubuntu 163 Jun 4 07:31 dnsseed.dat
-rw-r--r-- 1 ubuntu ubuntu 288 Jun 4 07:31 dnsseed.dump
-rw-r--r-- 1 ubuntu ubuntu 3876 Jun 4 07:31 dnsstats.log
drwxr-xr-x 6 ubuntu ubuntu 4096 Oct 29 07:07 doc
-rw-rw-r-- 1 ubuntu ubuntu 296 Oct 29 07:07 libbitcoinconsensus.pc
-rw-r--r-- 1 ubuntu ubuntu 295 Jun 1 12:07 libbitcoinconsensus.pc.in
-rwxr-xr-x 1 ubuntu ubuntu 345355 Oct 29 07:07 libtool
-rw-r--r-- 1 ubuntu ubuntu 10004876 Jun 4 07:57 nohup.out
-rw-r--r-- 1 ubuntu ubuntu 3995 Jun 1 12:07 packages.config
drwxr-xr-x 3 ubuntu ubuntu 4096 Jun 19 09:00 pr
drwxr-xr-x 4 ubuntu ubuntu 4096 Jun 1 12:07 qa
drwxr-xr-x 2 ubuntu ubuntu 4096 Jun 1 12:01 sample
drwxr-xr-x 2 ubuntu ubuntu 4096 Aug 27 05:57 seeder
drwxr-xr-x 6 ubuntu ubuntu 4096 Oct 29 07:07 share
drwxr-xr-x 24 ubuntu ubuntu 12288 Oct 29 07:07 src
-rw-r--r-- 1 ubuntu ubuntu 23 Jun 1 12:02 stdafx.cpp
-rw-r--r-- 1 ubuntu ubuntu 684 Jun 1 12:01 stdafx.h
drwxr-xr-x 5 ubuntu ubuntu 4096 Oct 29 08:28 test
drwxr-xr-x 2 ubuntu ubuntu 4096 Jun 1 12:07 test_bitcoin
ubuntu@ip-172-31-24-172:~/MagnaChain$
```