Report Date **2021-01-04**

EN

Singapore
CrossAngle Pte. Ltd.

Profile Report (Public)

Avalanche

United States
(Country or jurisdiction of incorporation)

(Entity Registration Number)

263 S 4th St. #110497 Brooklyn, NY 11211
(Address, including zip code, including area code, of principal executive offices)

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WHERE YOU CAN FIND MORE INFORMATION

Readers and others should note that the company announces material information to the public using the company website, press releases, public conference calls, and webcasts. They may also use the following social media channels as a means of disclosing information about the company, products, planned financial and other announcements and attendance at upcoming investor and industry conferences, and other matters.

Channels	Address
Company Website	https://avalabs.org/
Main communication channel	
Twitter	https://twitter.com/avalancheavax
Company Blog	https://medium.com/@avalabs
Facebook	https://www.facebook.com/AvaLabsOfficial
Linkedin	https://www.linkedin.com/company/avalancheavax/
Github	https://github.com/ava-labs
Reddit	https://www.reddit.com/r/avax
Telegram	https://t.me/avalancheavax
WeChat	
KaKaoTalk	
Custom Link	Discord - https://chat.avax.network YouTube - https://www.youtube.com/c/AvaLabsOfficial/ Facebook - https://facebook.com/avalancheavax

The information posted through these social media channels may be deemed valid. Accordingly, the public should monitor these accounts and the blog, in addition to following company press releases, conference calls, and webcasts. This list may be updated from time to time and these channels may be updated without notice.

PART I. Corporate Profile

ITEM 1. Basic Corporate Profile

Official Company Name	Avalanche
Establishment Date	16 May 2018
Jurisdiction of Incorporation	United States
Principal Office Location	263 S 4th St. #110497 Brooklyn, NY 11211
Address of Official Company Registration	263 S 4th St. #110497 Brooklyn, NY 11211
Company Name for Website Display	Avalanche
Description of Company	Avalanche is an open-source platform for launching decentralized finance applications and enterprise blockchain deployments in one interoperable, highly scalable ecosystem. Developers who build on Avalanche can easily create powerful, reliable, and secure applications and custom blockchain networks with complex rulesets or build on existing private or public subnets. Avalanche is the first smart contracts platform that can confirm transactions in under one second, supports the entirety of the Ethereum development toolkit, and enables millions of independent validators to participate as full block producers (Avalanche had over 1,000 full, block-producing nodes on its Denali testnet). In addition to supporting transaction finality under one second, Avalanche is capable of throughput orders of magnitude greater than existing decentralized blockchain networks (4,500+ transactions/second) and security thresholds well-above the 51% standards of other networks.
Company Website	https://avalabs.org/
Whitepaper Link	https://avalabs.org/whitepapers
Mission and Vision	Build the Internet of Finance

ITEM 2. Team

2.1 Executives & Founders

The following sets forth certain information regarding the company's executive officers and founders, their details and positions as of 2021-01-04

Emin Gün Sirer

Position Title	Chief Executive Officer
Short Bio	Emin Gün Sirer is a Turkish-American computer scientist. He is currently an associate professor of computer science at Cornell University, Co-director of IC3(The Initiative For Cryptocurrencies & Contracts). He is known for his contributions to peer-to-peer systems, operating systems and computer networking.
Experience	Xroute Labs / Founder Cornell University / Associate Professor
Education	Princeton University / B.S.E.,Computer Science University of Washington / Ph.D.,Computer Science
Company e-mail	egs@avalabs.org
Social	@el33th4xor @emin-gun-sirer-0a921a4

2.2 Engineering Team Leaders

The following sets forth certain information regarding the company's development and engineering leaders, their details and positions as of 2021-01-04

Kevin Sekniqi

Position Title	Co-founder & Chief Protocol Architect
Short Bio	Kevin Sekniqi is Co-founder and Chief Protocol Architect of AVA Labs. He is a PhD candidate in Computer Science at Cornell univ. and has research experience at Microsoft and NASA.
Experience	
Education	
Social	

Ted Yin

Position Title	Co-founder & Chief Protocol Architect
Short Bio	Ted Yin is Co-founder and Chief Protocol Architect of AVA Labs. He is a PhD candidate in Computer Science at Cornell univ. He is the first author of the "HoffStuff" protocol, which is used by Facebook's Libra project.
Experience	

Education
Social

2.3 Advisory

The following sets forth certain information regarding the company's advisories, their details and positions as of 2021-01-04

No data available

2.4 Organization Structure

The following sets forth certain information regarding the structure of the company as of 2021-01-04

Name of Department/Group/Office/etc.	Number of Full-Time Staff	Number of Part-Time Staff	Head of Department (Maybe left blank)
No data available			
Total	0	0	

PART II. Business Information

ITEM 1. Industry Classification

Not Applicable

Sector	Technology
Industry	Software and Services
Sub-industry	IT and Blockchain Services
Categories	1. Payment 2. Interoperability

ITEM 2. Industry Description

2.1 Industry Overview

Achieving agreement among a set of distributed hosts lies at the core of countless applications, ranging from Internet-scale services that serve billions of people to cryptocurrencies worth billions of dollars. To date, there have been two main families of solutions to this problem.

2.2 Recent Trends

(1) Traditional consensus protocols

Traditional consensus protocols rely on all-to-all communication to ensure that all correct nodes reach the same decisions with absolute certainty. Because they require quadratic communication overhead and accurate knowledge of membership, they have been difficult to scale to large numbers of participants.

(2) Nakamoto consensus protocols

Nakamoto consensus protocols have become popular with the rise of Bitcoin. These protocols provide a probabilistic safety guarantee. Yet, these protocols are costly, wasteful, and limited in performance.

2.3 Target Market Size

According to Market Research Report on 2018, the overall cryptocurrency market is projected to reach USD 1.40 billion by 2024, at a CAGR of 6.18% during the forecast period.

2.4 Target Customers

2.5 Competitors

2.5.1 Existing Industry Competitors

The following sets forth certain information regarding the company's conventional competitors already established within the industry as of 2021-01-04:

No data available

2.5.2 Token Project Competitors

The following sets forth certain information regarding the company's competitors that have implemented Token economics as of 2021-01-04:

No data available

ITEM 3. Project's Business Model

3.1 Business Description

3.1.1 Revenue Model

3.1.2 Platform or Application Overview

General platform description

No Input

Functions of the solution
AVA Labs is building a payments rail and computation engine based on the break-though Avalanche family of consensus protocols. Avalanche is a consensus protocol based on random sampling of the network and a metastable mechanism. The term Avalanche is used to describe a specific directed acyclic graph based instance of a larger family of consensus protocols.
User pain points
No Input

3.1.3 Product/Service Line Description

· Avalanche family

Slush, Snowflake, Snowball, Avalanche. This protocol family will use Byzantine adversaries and provide high throughput and scalability, which means higher TPS and more users. Avalanche “generalizes Snowball and maintains a dynamic append-only Directed Acyclic Graph (DAG) of all known transactions. The DAG has a single sink that is the genesis vertex”.

3.1.4 Competitive Advantage

Avalanche performs better in both throughput and latency than other cryptocurrencies.

3.1.5 Intellectual Property

No Input

3.2 Partnerships

▸ Polyient Games

Counterparty Website	https://www.polyient.games/
Counterparty Description	The first investment firm and startup ecosystem wholly dedicated to non-fungible tokens.m and startup ecosystem wholly dedicated to non-fungible tokens. the first investment firm and startup ecosystem wholly dedicated to non-fungible tokens.
Applicable Dates	2020-07-29 ~
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	On July 29th, Polyient Games has partnered with Ava Labs to build a dedicated NFT decentralized exchange (DEX) on Avalanche. The new DEX will exist within the upcoming Polyient Games Marketplace, which will feature unique offerings ranging from exclusive non-fungible token (NFT) auctions and a peer-to-peer NFT exchange system to more liquid NFT trading products that are designed for crypto investor mass adoption. To kick start activity on the Polyient Games DEX, Polyient Games plans to establish an AVAX-XPGP swap market. Both holders of AVAX and XPGP will be able to trade with each other freely without the need for intermediaries. Moving forward, Polyient Games and Ava Labs will work closely together to further develop the bridge between Ethereum and Avalanche to facilitate the next generation of blockchain gaming projects, while exploring unique DeFi use cases for the NFT asset class.
Expected Benefits to Project Team	
Expected Benefits to Counterparty	

▸ Blockchain Game Alliance (BGA)

Counterparty Website	https://blockchaingamealliance.org/
Counterparty Description	The Blockchain Game Alliance aims at encouraging mass adoption of blockchain games by emphasizing its potential and by acting on existing barriers to innovation. Through their open forum the Blockchain Game Alliance creates discussions in a community of individuals facilitating knowledge sharing.
Applicable Dates	2020-12-04 ~
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	Avalanche announced that they are joining the [_Blockchain Game Alliance (BGA)_](https://blockchaingamealliance.org/) in a shared mission to raise individuals’ and businesses’ awareness about how blockchain can transform games, improve or disrupt existing business areas, and accelerate adoption. Avalanche joins BGA alongside prominent gaming organizations like [_Ubisoft_](https://www.ubisoft.com/en-us/) and [_AMD_](https://www.amd.com/en) and blockchain organizations like [_Maker_](https://makerdao.com/en/) , [_Matic_](https://matic.network/) , and [_Galaxy Interactive_](https://galaxyinteractive.io/).
Expected Benefits to Project Team	
Expected Benefits to Counterparty	

3.3 Project Progress

History

Founded by Professor Emin Gün Sirer and researchers from Cornell University, Ava Labs is building a payments rail and computational platform on the revolutionary consensus algorithm, Avalanche consensus. Ava Labs is supported by premier backers in the blockchain space.

Project Status

Development Stage

Development of the platform and business operations have been or will be funded through the following sources

Equity funding
Initial token sale(Public and Private)
Other realized income from investing, managing digital/financial assets, and forking

Plan or Strategy to expand platform or token

No Input

3.4 Milestones

Title	Target Date	Status	Description
Cascade Public tesnet	2020-04-17	Completed	Less than a month after going open-source, AVA has launched Cascade, the first part of the AVA Public Testnet.

3.5 Use Case

No Input

3.6 Legal Concerns

No data available

PART III. Financial Information

This section is only accessible by our Partners. Please contact us at direct@crossangle.io to inquire about access.

PART IV. Token Information

ITEM 1. Token Profile

Token Name	AVAX
Symbol	AVAX
Token Economy	
Token Usage	The Avalanche (AVAX) token is the native token of the Avalanche platform and is used to secure the network through staking, pay for fees, and provide a basic unit of account between the multiple subnetworks created on the Avalanche platform.
Short Token Description	The Avalanche (AVAX) token is the native token of the Avalanche platform.
Token Contract Address	
Base Platform	Avalanche
Mainnet Explorer Url	https://explorer.avax.network
Network	Type: Mainnet (Protocol) Network Name: Avalanche Explorer URL: https://explorer.avax.network
Project Type	Utility Token
Tokens were initially available and currently obtainable in the following method(s)	
Additional Token issuance or minting conditions, including implemented natural inflation.	
Trading practices after the Token Sale by Company	
Method of allocating tokens during Token Sale	

Token allocation percentage based on Total Supply immediately after Token Generation Event

Token Holder Rights

a) Receive payments or other consideration under the following circumstances
No Input
b) Tokens give holders ownership or contractual interest or rights in the following circumstances
No Input
c) Token holders may vote on the following matters
No Input
d) Other information that may be relevant to the Tokens or their sale
No Input

ITEM 2. Token Sales

2.1 Token Sales details

No Input

Percentage of individual investors at initial offering

Terms and conditions for top backers

No Input

2.2 Initial Offering Rounds

No data available

*: Proposed calculation, but not necessarily mandatory, is based on USD equivalent of cryptocurrency received between the start and end date of the Token sale duration calculated by ((High+Low)/2) of market price

ITEM 3. Token Supply History

The following is a manual record Token supply history as of 2021-01-04. Corresponding transactions hashes have not been provided within this report.

Purpose	Date	Amount	Value (USD)	Post Total Supply	Post Circulating Supply

No data available

ITEM 4. Listed Exchanges

	Exchange	Pair	Price	Volume	Percentage
	CoinTiger	AVAX/USDT	$4	$29,566,371	29.10%
	Binance	AVAX/USDT	$4	$28,908,597	28.40%
	HBTC	AVAX/USDT	$4	$16,819,625	16.50%
	OKEx	AVAX/USDT	$4	$3,872,843	3.80%
	Binance	AVAX/USDT	$4	$3,496,304	3.40%
	FTX	AVAX/USD	$4	$3,436,915	3.40%
	VCC Exchange	AVAX/USDT	$4	$2,264,337	2.20%
	Binance	AVAX/BTC	$4	$1,904,682	1.90%
	OKEx	AVAX/BTC	$4	$1,612,300	1.60%
	Huobi Global	AVAX/USDT	$4	$1,549,300	1.50%

ITEM 5. Token Ownership

The following is an automatic query result of wallet addresses based on balance holdings with meta data application as of 2021-01-04.

Rank	Address	Balance	Percentage

ITEM 6. Token Price

The following are market data present as of 2021-01-04.

Price Performance

▸ **USD**

Current Price : $3.634

Change (7d/24h/1h) : 25.5% | 5.5% | 1.4%

Initial Offering Price : $-

Return since Initial Offering :

▸ **ETH**

Current Price : 0.003698 ETH

Change (7d/24h/1h) : -10.5% | -16.4% | 0.7%

Initial Offering Price : - ETH

Return since Initial Offering :

▸ **BTC**

Current Price : 0.000109 BTC

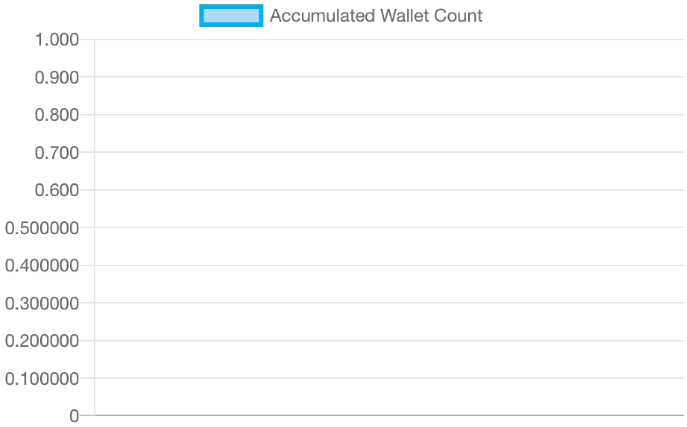
Change (7d/24h/1h) : 1.2% | 3% | -0.7%

Initial Offering Price : - BTC

Return since Initial Offering :

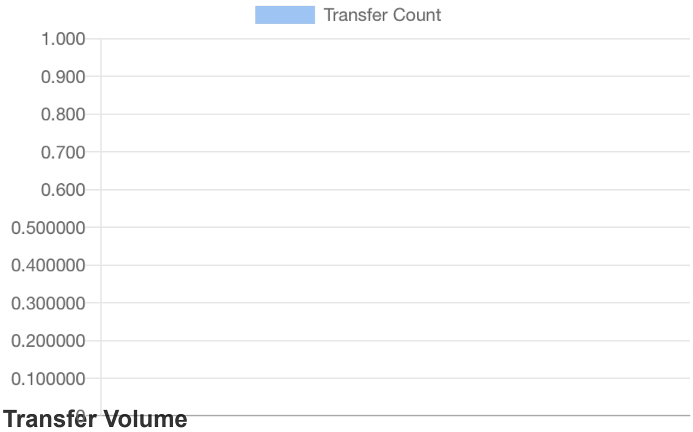
ITEM 7. On-chain Performance

Accumulated Wallet Count



Date	Accumulated Wallet Count	New Wallet Count
No data available		

Transfer Count



Date	Token Transfer Count
No data available	

Transfer Volume

Date	Token Transfer Volume
No data available	

PART V. Compliance

This section is only accessible by our Partners. Please contact us at direct@crossangle.io to inquire about access.