

See the EEA Onsite & Virtually at EthAtlanta

The EEA is a sponsor of **EthAtlanta 2021**, a three-day conference and hackathon on October 1 to 3, 2021 in Atlanta. On October 1 at 7:15 p.m. **EEA Executive Director Dan Burnett** will discuss Ethereum's "Ecosystem Growth" with Ethereum Foundation's Enterprise Advisor **Dan Shaw**, and Communications Lead **Joseph Schweitzer**. [Register free of charge to attend EthAtlanta virtually](#), and see the sessions streamed live!

[Learn More](#)

EEA Launches New ATO Working Group (Authority to Operate)

If your company builds Ethereum-based products and does work with the U.S. Federal Government or their customers, you are required to undergo an Authority to Operate (ATO) security authorization process and meet their strict cybersecurity standards. The Federal Information Security Management Act (FISMA) requires this ATO to ensure compliance with National Institute of Standards and Technology (NIST) guidelines, among other security aspects.

The EEA has recently formed an ATO Working Group to address this issue -- and we need your participation! Join us in our work to develop new use cases, requirements and NIST-compliant business Ethereum blockchains -- activities that will help advance your business goals and simplify future work with the U.S. Federal Government, for your company and others.

Interested in getting involved, but you're not yet an EEA member? Contact [James Harsh](#), EEA Membership Growth Specialist, to learn more about [EEA membership](#) and how you can help reshape how the U.S. Federal Government interacts with Ethereum-based projects.

[Learn More](#)

Get to Know the Baseline Protocol

The [EEA Community Projects](#) is the hub for open source-based standards development in the Ethereum industry. It includes critical Ethereum projects such as Baseline Protocol. Watch the 3-minute explainer video below to learn more about Baseline and the "little bit."



Upcoming Events

Trusted Execution Working Group Education/Office Hours Series #2: Enterprise Meets DeFi or Propeller Head Crypto at Scale + Office Hours

October 5, 3pm UTC / 8am PDT / 11am EDT / 4pm GMT

The EEA Trusted Compute Working Group is hosting a webinar, **Enterprise Meets DeFi or Propeller Head Crypto at Scale (ZK-ZK-Rollups and all that)**, and office hours to educate the EEA community about how to use trusted compute with blockchains (and public blockchains in particular) to further adoption. In the first hour, **Andreas Freund** (Envision Blockchain) will discuss how Trusted Compute can help organizations securely scale their blockchains. During the second "office" hour, participants can discuss any challenges around the implementation or adoption of trusted compute in their projects or continue the discussion from the webinar.

[Register Now](#)

EEA Education Series:

Network Bridges: Transferring Value to and from the Ethereum Mainnet and Other Cross-Chain Interactions

Wednesday, October 13, 4:00pm (ET) / 8:00pm (UTC)

Join us for the EEA Monthly Education Series as **Peter Robinson** and **Weijia Zhang** provide an in-depth look at Ethereum-based network bridges. They will discuss value transfer bridges -- moving cryptocurrency, tokens, and other digital assets to and from the Ethereum Mainnet to Layer 2 networks and other Eth-connected networks. Registration is required, claim your spot now!

Please note the time shift to accommodate Asia Pacific time zones in our events!

[Register Here](#)

Recent Events

AMA Session about the Crypto Regulations in the Infrastructure Bill and other Emerging Regulatory Issues

This past week, the EEA held an AMA (Ask Me Anything) session on crypto regulations in the infrastructure bill and other emerging regulatory issues. **John Whelan**, EEA Board Chair and Head of Digital Investment Banking at Santander, led **Ryan Selkis**, CEO and Co-founder of Messari, and **Jeremy Sklaroff**, general counsel of Edge & Node in a lively discussion about the proposed regulations and responded to questions.

September Virtual EEA Meetup

The EEA held its monthly virtual London Meetup on September 29 featuring **Melanie Marsollier**, senior project manager at Splunk, and **Kieran James Lubin**, president, and CEO of BlockApps. They spoke on how to monitor your infrastructure and the ledger data as well as the need for trustworthy emissions data to demonstrate progress and blockchain may hold the keys to enhanced transparency.

EEA Education Series: A Manual for Ethereum Network Operations for Public/Private Networks

Antoine Toulme from Splunk discussed in detail how to set up and monitor your Ethereum infrastructure to understand and prevent downtime at this month's EEA Monthly Education Series. He showed attendees how to apply the latest operations best practices for redundancy and security and cover secret management, key management, network security, and upgrade policies, and also how to demonstrate several different approaches for private networks using private enclaves versus public non-permissioned networks.

EEA Trusted Execution Working Group Education/Office Hours #1: Hardware vs. Software-Based Trusted Compute Approaches

This was the first in a series of presentations and open office hours hosted by the EEA Trusted Compute Working Group. The purpose of the series is to educate the EEA community about how to use trusted compute with blockchains (and public blockchains in particular) to further adoption. This session focused on hardware vs. software-based Trusted Compute approaches. [Watch the session here](#).

Interest Group & Working Group Updates

Technical Working Group Updates

The **Core Specifications Working Group** will be publishing a specification for the QBFT Consensus algorithm, wrapping up several years of effort to develop an appropriate Byzantine Fault-Tolerant consensus mechanism for Enterprise Ethereum.

The **Testnet Working Group** will be deploying a similar network with two clients, to enable practical testing of the protocol and its interoperability. The specification uses Dafny, a language that supports formal verification of distributed systems, to test the safety and strength of QBFT.

The **EthTrust Security Group** co-chair Chris Cordi is now joined by Jaye Harill, a security expert with Quantstamp. We are grateful to them both for their work, and look forward to accelerated progress toward a specification.

The **Trusted Execution Group** is considering technical issues, but is also preparing to present its second webinar on October 5 on Enterprise Meets DeFi or Propeller Head Crypto at Scale, along with an "office hour" - an opportunity for the public to ask questions of group members ([see article above](#)).

The **Cross-chain Interoperability Working Group** is pleased to announce that ConsenSys' Anaïs Ofranc is supporting the group and that they are working on a publication on security guidelines for cross-chain.

The **Authority to Operate Working Group** has begun to collect use cases and requirements for its work and is now holding meetings on a regular schedule.

Interest Group Updates

The **Mainnet Interest Group** is working on a series of articles on Layer 2 for the Enterprise which includes a survey of the various solutions including state channels, sidechains, rollups and more.

The **DeFi Interest Group** is helping to put together the Monthly Education Series for November. The topic is on on-chain securitization of real-world assets through Ethereum and features speakers from Centrifuge and AAVE. The DeFi IG was also the inspiration for the recent AMA on Crypto Regulations.

The **Eth2 Interest Group** is in steady discussions around sharding and energy consumption and ways to make Ethereum more efficient and eco-friendly.

The **Supply Chain and Tokenization Interest Groups** are gearing up for several initiatives in the fall quarter. Join the groups and become part of the solution.

Good standards are developed through collaboration between competitive implementers and their customers to ensure that we are solving real problems. Join the EEA to participate in our technical and interest working groups. [Learn more about EEA membership here](#) and contact [James Harsh](#) to get started.

Member News

ConsenSys Quorum launches the Quorum Key Manager, a software designed to accelerate enterprise blockchain solution development and supports most cryptographic operations and blockchain protocols. [Learn more](#).

BlockApps launches 'TraceCarbon,' a net-zero blockchain network for emissions compliance. [Read more](#).

Member Spotlight: Crowd



The EEA interviewed Director of Payments Marc Meyer about how [Crowd's](#) invoice financing platform is helping small & medium-sized businesses speed up cash flow and get cash for their unpaid invoices [Read the spotlight here!](#)

Member Spotlight: Valid Network



As part of the EEA Member Spotlight series, we interviewed, [Valid Network](#) Co-Founder and CEO Kfir Nissan about how Valid Network's technology monitors and detects security vulnerabilities and on-chain anomalies in Blockchain, crypto assets and networks to help educate the world about Blockchain security. [Read the spotlight here!](#)

Welcome to Our Newest Members

The EEA welcomes three new members:

- **BioVeras, LLC**, focused on transforming the life sciences industry by using innovative technology solutions such as blockchain to enable trusted, immutable data for collaboration within the business and with regulatory partners.
- **Cartesi**, focused on developing a versatile layer-2 Linux infrastructure to overcome the problems of scalability, of computation, and infrastructure for blockchain applications
- **Prometheus Computing, LLC**, providing data management services in a variety of formats connected to standards

In the News

Business Insider, [High Security IT Synchronization Network, Baseledger Launches, Powered by \\$UBT](#)

Supply Chain Brain, [BlockApps Launches 'TraceCarbon,' A Net Zero Blockchain Network for Emissions Compliance](#)

Reddit (r/Ethereum), [Effecting Change in How the US Federal Government Works with Ethereum-Based Projects – Enterprise Ethereum Alliance: Ethereum](#)

Altcoin Buzz, [Wanchain Is Solving Blockchain Interoperability](#)

MakeUseOf, [What Are the Benefits of Using Blockchain and React Native for Smartphone App Development?](#)

[See More](#)

Become a Member

The EEA enables organizations to adopt and use Ethereum technology in their daily business operations. We empower the Ethereum ecosystem to develop new business opportunities, drive industry adoption, and learn and collaborate with one another. Our global community of members is made up of leaders, adopters, innovators, developers, and businesses that collaborate to create an open, decentralized web for the benefit of everyone. Join us and contribute to our work!

[Learn more about EEA membership](#) and contact membership@entethalliance.org.

Connect with us

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