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Sign up

Polkadot training: Linking blockchains

1 day (7 hours)

Presentation

The [Polkadot](#) training course will introduce you to this protocol based on the blockchain network. Polkadot unites a network of several interconnected [blockchains](#) that can exchange messages securely and without a trusted third party.

During this training course, you'll learn about all aspects of **Polkadot** and its architecture, with the aim of training you to develop a project in a secure and transparent environment.

Learning this protocol will help you understand how the inter-blockchain bridge works, enabling the transfer of cryptomoney. But also the different functionalities of the Polkadot network architecture and the different DOTs.

You'll be able to access a variety of different decentralized services from the same network. Polkadot is becoming increasingly popular, offering an opportunity for businesses and individuals alike.

Objectives

- Understanding the blockchain ecosystem
- Understanding how Polkadot works
- Everything you need to know about multi-chain blockchain

Target audience

- Developer
- Project Manager

Prerequisites

- Computer development skills
- Blockchain basics

Polkadot Training Program

The Polkadot ecosystem

- Crypto-currency and blockchains
- What is Polkadot?
- The Polkadot concept
- The different resources
- Benefits
- Disadvantages

Polkadot network architecture

- Interoperability protocol
- Relay Chain
- Parachannels
- Native tokens
- Parathreads
- Bridges
- The different groups
- Nominators
- Validators
- Collectors
- Fishermen

Dot

- The different DOTs in the Polkadot network
- Planck
- Microdot (uDOT)
- Milidot (mDOT)
- Dot (DOT)
- Supplying DOT tokens
- Stacking tokens
- Linking parallel chains

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.