

Blockchain Technology

Blockchain technology is a complex base layer allowing open-source protocols and decentralized applications to be built on top of it. Secret is a sovereign layer 1 of the Cosmos ecosystem built with the Cosmos SDK.

This section will walk you through the Secret technology stack to get a better understanding of what's under the hood of the privacy hub for Web3. This "Blockchain technology" section starts with a quick grasp of the different blockchain layers are and an explanation of the Cosmos stack

In this section we will explain in depth the components of the blockchain stack:

- [Cosmos introduction](#)
- [Tendermint Consensus](#)
- [Cosmos SDK](#)
- [Inter-Blokchain Communication \(IBC\)](#)
- [CosmWasm Smart contracts](#)
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The Cosmos part of the Secret Techstack is also covered Part 1 and Part 2 of the Secret Network techstack video series.

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