

# Ethereum Virtual Machine (EVM)

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The **Ethereum Virtual Machine (EVM)** is a runtime environment for the [Ethereum blockchain](#). It allows [smart contract](#) code to run by compiling to EVM bytecode. EVM plays a core role in the Ethereum blockchain to ensure a trustless mechanism without having any central administrator. EVM keeps each [node](#) systemically isolated from others in order to avoid security risks. Even if one node is compromised, it does not influence any other nodes and [blockchain network](#). EVM ensures the Ethereum blockchain to be secured.

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