

Media Access Control (MAC)

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June 29, 2024

Abstract

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Introduction to MAC Addresses

In networking, a Media Access Control (MAC) address plays a crucial role. It enables devices to communicate smoothly on a local network. A MAC address is a unique identifier. This identifier is linked to a network interface controller (NIC) and is essential for communication within a network segment. It's important for the proper operation of network protocols at the data link layer. This ensures that data is delivered accurately to its target.