

CSMA CD	CSMA CA
This CSMA type is utilized to identify a shared channel collision.	It's a kind of CSMA used to keep a shared channel free of collisions.
It's a mechanism for detecting collisions.	It's a mechanism for avoiding collisions.
In an Ethernet 802.11 network, CSMA/CA is employed.	In an Ethernet 802.3 network, cables have CSMA/CD.
It works with both wired and wireless networks.	It can connect to wireless networks.
After a network's collision detection, this is effective.	This is helpful before a network's collision detection.
When a data packet on a shared channel collides, the data frame is resent.	The CSMA CA, on the other hand, does not recover after a collision and waits until the channel is crowded.
It reduces the amount of time it takes to recuperate.	It lessens the chances of a collision.
It has a larger user base than the CSMA CA.	It's not as well-known as the CSMA CD.