Client keeps roaming among several APs or it is difficult for Client to roam?

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Network Topology

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Problem Description

Trouble phenomenon:

(1) The Client keeps roaming among several APs;

(2) It is difficult for the client to roam. The AP that the client is associated with has a very poor signal, but the client still does not actively roam to an AP with a better signal.

Process Analysis

Problem causes: Client adjusts the roaming initiative to too high or too low.

Solution

Solution:

(1) In view of the failure phenomenon (1) Lower the roaming initiative of ClientA (supported by intel network card). (2) In view of the failure phenomenon

(2) Increase the roaming initiative of the Client (intel network card support).