**7. If WLC deployed in WAN, which AP mode is best for local network and how?**

If the Wireless LAN Controller (WLC) is deployed in the WAN (Wide Area Network), the best AP mode to use in the local network is the **FlexConnect mode.**

FlexConnect is useful when an AP is connected to the WLC over a WAN link. In this mode, the AP still gets its configuration and policies from the WLC, but it handles user traffic locally. This reduces WAN usage and improves performance for users in remote or branch locations.

* The AP can switch user traffic locally, so data doesn’t need to travel to the WLC, which saves bandwidth and reduces delay.
* If the WAN connection goes down, the AP can continue to provide wireless access using saved settings and allow access to local resources like printers or file servers.
* It strikes a good balance between centralized management and local efficiency, making it ideal for remote sites.