

APN CONFIGURATION WITH AT+CGDCONT ON REAL MODEM

AT+CGDCONT is used to configure the **APN** for a real modem. This setup involves assigning a:

- Context ID
- PDP type (usually IP)
- APN string (e.g., "internet", "jionet")

Without this configuration, the modem won't know which gateway to use for data. Once configured, this command allows the modem to establish a **data session** over cellular networks.

It's an essential step to enable **internet access** using GSM or LTE modems.

SYNTAX

AT+CGDCONT=<cid>,"<PDP_type>","<APN>","<PDP_addr>",<d_comp>,<h_comp>

Example

AT+CGDCONT=1,"IP","airtelgprs.com"

Tells the modem to use context ID 1, PDP type IP, and airtels APN.