GPRS Attach and PDP Context Activation for a Class B Terminal

gprs\_attach\_pdp\_new\_sgsn\_interface\_sequence\_diagram.pdf



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gprs\_attach\_pdp\_new\_sgsn\_interface\_sequence\_diagram.pdf

Ce		Core Network			Old Core Network		GGSN Site		GSM Databases		
U	r SG	SN DNS S	Server MSC	VLR Old S	SGSN	GG	SN	EI	2	HLR	
											This is passed to the MSC-VLR as "TMSI Reallocation Complete".
PDP Co	ontext Activation	n									
21:Ag	ctivate PDP Co APN	ntext									The GPRS mobile now initiates the PDP context activation procedure to obtain the IP address for the device. The Access Point Name (APN) specified by the service provider is passed as a parameter.
		22:DNS Query APN									The SGSN initiates a DNS query to find the GGSN corresponding to the APN specified by the mobile. (GGSN - Global GPRS Support Node.)
	2	B:DNS Respons GGSN IP Addre	se ess								The DNS provides the GGSN IP address.
		2 PAP, CHAP, PDP Request	4:Create PDP (	Context Reque	st						The SGSN routes the PDP context activation request to the GGSN corresponding to the APN.
26:Activ	vate PDP Cont	2	25:Create PDP (	ontext Respor	ponse		-				The GGSN responds back to the SGSN, indicating completion of the PDP context activation procedure.
		xt Accept									The SGSN replies back to the GPRS mobile. This signals completion of the PDP context activation.