

Security. - ID authentication, verify who you are (MS) - Data authentication, data came from the source - Data integrity protection, nobody alters data - confidentiality, encryption only are and dat can unders. - outhorization, occess resource only you can - privacy, keeping your id secret - non-repudiation, underiable evidence that mag is from sender man in the midde can listen, delay, delete, modify, replay, create symmetric key: shared, private key schema Enck(P)=c) Deculuip asymmetric key: puplic key scheme Encpk (P)=c; Deisk (c)=p Encsk(P)=c; Decpx(c)=P IMSI > send over air only during attach, GUTI is used instead IMEID only sent to MME (IN NAS), not eNB MSISON > CC + NOC+ SN eNB 533 1234567 (signalina) (data radio GTP-V d >M TEID - TUNNEL endpoint PEW -> SEW UDP dSE) TEID-E PGW d-> M identifier GTP Tunnel SOW JENB UPPLIST TEID-X DIM 56W 6TP TUNNEL d->M ENB 56 W DRB PGW 56W P6W TEIDS TEIDOSENT TEIDOSCHE TEID IPZ, SOW TEID IPZ, SOW 1PZ, PSW IR, PSW