

Dynamic TA > Thresh > Time > Profile > Districe Paging > simult
> sequential (page last known lac than other) MMEGoup Mel-Glorade VEtells eNB which MNE hosits context, who utbest AN MNE por Idesnew 6471 network security - authentication, authorization, integrity pot, replay protection, prudly, non-rep. Symm some key both ends, asym public-private key pair hash 3 outh (MDS, SHA-1) public key in bore sono protect slobit harb barked goods derker imperson ca syres a series mes mutuolly authenticated MS (--) AGW SAAA 3 party security model SA3 SAZ & public key in bare buyuzda x 200 CA dynamically established Pove R1 AKI MS AKZ BSIDYZ bogh KEK delivering other keys securify C-MACKey used for protecting control mes. TEK traffic keys randomly generated in Bs. Sent bus with KEIL g delivered multicest 6cest / RIseauty message integrity: AES-CMAC B50 B52 control packets (MAC-REVENT) Encyption uses CMAC-KEY--ARE AKI - CHACPW cache CHAC-YEY-AES CCM using TEK) Data packets or unpted MSDPM SOLI ESCMACTPO1

CMAC-KET-+

CMAC-PN- & Porreplay attacks! (Bistluries) (Device + Substiber Authoriticals with EAP TTLS authur cation, author zation, session key generation & dist = to Isun. tey hierchy Erz, AG1 2 3 4 opt: hierorchical ++++ 35, BSL authorities lundel K3 ASNEW (author tator has leteture!) sodece K3u tekor youat! context honsfer; transfer security context (MSK, --) Et. Gm lalpe Oche EZENd, ex (Psec, HTTPS wimy, LTE MACGIOUTY) DSL'egecince roseauxe Last-mile Seame (2) . "wifi at home, Aprile lappopois secure DHICP, ARD, DNS Sporting, with coolysis - = > 12 privacy against intermedicies require > EZE CHIUPN (midway notEZE) applayer HTTPS, authorhichen tusenome /pwd MS (-) Vodofre AAA secure privacy hide from neighbors - 12 use pseud ID dung access authorizeton "The Apper 4 intermedians EZE pseud MAC (807/6m will support) network access seconty enado tint parencing petint for RRC RNAS, every for deto (not integrity) retwit & main setween PLUMS. IS AKN, tunnel no de EAP, use durain ususim USIM, use terminel authorities LTE Kasme = Session keyin WIMA7 (If SIM Locked pm)

Bos user satisfaction, because we don't have eough resources, where i choke points highest cong: ENBLOUE (enBer CN) backhaut, least on: local office. medium: access ned work PCC provides IP flow (SDF) based QoS (flow 5 tuple sad + dad + sport + dport + pobol) SIPSURU AFiapp. function from AF: network initiated SPR Dos for use ; user " Subscripto, PCRFL function Policy Decision (JoSEchapre Pula) Charging Rules LE MME Kasme 90S Rules PCEF (policy & charge enforcement f.) Knas Knas Kenb NHJ SDF10W Level DOS Pasus QCI, ARP, MBR, GBR time charging schenes Charging Ex. Point use 9-,15 Bear Lens GCI, ARP, GBR, AMBR ENB does dos rule enforcement admuson ontol+ sch duly)in dedicated bears default bearer Tormore flows mapped into EPS Bear on S5851 26TP-U, on air - Radio for dunlink mapping is done in PGW / for uplank mapping is done on UE! Sowlend are only awar of EPS Bears not individual flows P right row, all Suvice is BE mobility 12 hardorer - micro, L3 hardorer macro condidate BSs tested & final set is Contract Ms contolled transporat to CSN HO actor MOB-MSHO-IND raya PNG-RED interasm intra ASN - ms decides Hotorpet, Hoprepentin MOB_MS/BSHO_REQ R4 (Into ASN) authorheater & DPN some ASN, R6 (Into ASN) auth stays DP stays 7 data path usadi > CSN'e habe ver / rely on an choring (Pm key is kown) R3 ho > authenticator stays a ASNGWA / DP morest new & deb petris now , signalling latery solution: perform reauthertection new ms pmk flowlode CNIAC- Key-Gunt update vol uncontrolled Hoda context of + path + key ourt orde. mobile IP variants 1 mn Chomed, coA) access note ha Co-located home ? COAI needs 21P addresses 1 Nha (3) Proxynobile IPUL

