63.) BEZPECNOST BEZDRATOLYCH SITI'A UTOKY - in meralespecene with positional radige VPN - provisional HTTPS a SCP.... berjeinder ale-dimernal - integrita nouls : ( - doduprost (spolehlist) + Nila tale autentione a reportratebrot WEP (Wied Equivalent Princey) - viichin vicestuic komunikare pour vagi zielen skilny belie: - Philode Rabeofician' bendrickonjch pili - Ranhaule' (1997) - Cilem je mil Plejni obbié Raterforení lerchraíborých príh jeho obriborých

- Rajistoral chinerrath, integritu a Obohupust

- rajusina RC4 siferainí - rojakniny pre perudonahodny lite (Mean) a o ním re doho XORny'

- Les blie de ján - desepraní je pare XORoniní ale ninevene

- Les blie de ján - desepraní je pare XORoniní ale ninevene - her libre de jan - reame se plainteel a motelle se gibe CRC a ho se pirpig's fluinteeln a R Shite se voggenerazi hen preu donaholan' shearm a him se ho ale XORagi litera a spezimin - n desifración se hontrologi i CRC - anderdisace - VEP Open System - bes autorbisace - Munice or richertificage MAC achievore => Rabespiern': MAC filhring - here MAC spoofing L WEP Shured Key - pover'ra' per autahires 4-newy hund shahe - 2. Marua listeilen - medodally - powinon' CRC per hushovim' - slabe' - moin's mine ruinil spenier a fredild CRC

- llite (luy-stream) re povinion opaleorani - whin's rue, fluinded hele rish's

ley-stream -> powinion re 24his IV ale po 5000 spendaril, so known pluinded alluel

PT & C = K

Lip., Soifen 

- marozenimon

- farador - polad se IV memin' pro hard' paled has istain's poinize IV a generaje ralidai falely
11 x 12 muise whicheant lite-who's hundow silver - mire noteth Dos - n'horn'h musie whichward blie - willow humbon silon - coffe latte allack - blient re pripojni endomntil de amine niti - intrinil roghern' falezany AP a spirit blie od blienta rujhozi je ani to se se & blie povizinoj opohoreni WPA (Wifi Probabled Access) were os realei un velhé medostally byto jako dočasné řesešem simplementováne WPA (implementoralo Cást madchásejícího Mandarda IEEE 802.11 i) - pro sychle piklemit nedoslatila WEP ISt poward algorithms TKIP - probonemo - zi ho no podshahi UEPs algoritmem TKIP a Nes No bylo personemo huili dulirim Lo Sely re finfog 'Shiend & prishupovirum

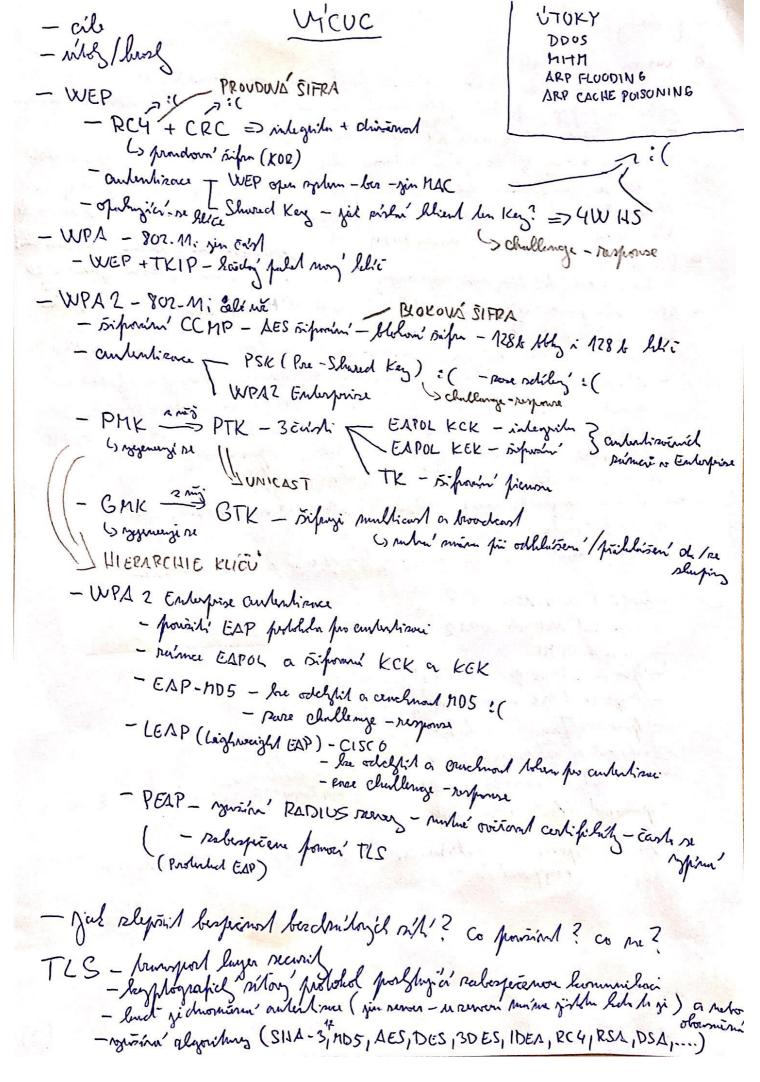
book has or nythorn' pomon' hashvarin'

mad tirslum relace a Much

a IV - hen nythorn' rych AP a blient o allul raplay WPA 2 - no nighun simplementice shouldarch 802.11; - ne zin cu'steini zie WPA - pourinn' CC MP' - pulsians un blohore sifie AES - andenhizare WPA/WPA 2 - PSK (Pre-Shared Key) Anderdisace - solileng' blit - nun' bespecie' - pro chomo cuoth. Enderpise Anderbrace - polytingi per-wer melo per-nystem awtentiquei. Khice per unicar a mullicart - roghain're PTK blit pro unicard - rema se Phk rule PSK + MAC adress blienta a AP + miliabre cisho => vogeneryi ne PTK - PTK or rodili' su shi ca'shi - REY CONFIRMATION KEY
- EAPOX - Key KCK - pro sinhugsilu EAPOX ra'men
- EAPOX - Key KCK - pro sinhunin' EAPOX - TK - plus - KEY ENCRYPTION KEY - pro oiprovin biene unicar leommibare - AP milodia vygenernji GMK - mini se vod po pripajení movila letienta do slauping meto po odlitáriemí stairajícíta se starping EAPOL rime - rytroien bespine komunisace - distribuce l'in - refriren verpene nommen TK - KCK
- Christien jigni blik ok mes TK - KCK - EAP publish per antertiserei a distribuer blien oguaina EAPX ruinne ( way fumisem hier pro misledné si pomín lomunihace - men he prime sitory" probled, zin defining formit opening - EAP-HOW, EAP-TILS, EAP-TLS, --, LEAP, PEAP, -is je Jestiela ryford spenime EAP - perhood por si firmin' dul - rograna AES a povísion 128 libry libri a 128 hibon allle bloke - you cirlu falchi a miluthri cirla rumen - slanderdin' sipone alg. ne WPA? - muchum lysi rus siponimi ve WEP a ve WPA (TKIP - provision' AES Cipher Block Chaining i AES Conter Mode C) Now you xOR WPAZ Embrynisa - andenhisace na mitore without (TLS - hampford lager received) - EAP per combinhisaci - AP dila siforain -> CCMP - EAP-MD5 - clila'se curlentique type Challenge - response - 4WIIS response = ND5 (id windle + herts + challeage request) - Je mone odchilil homnikaci a polonil MB5 nephichus ( ) - LEAP - Lightweight EAP ort CISCO - pare challenge regner - restoure - bre sure ochetytist a pulonit chillenge - response belen - PEAP, TTLS - Myrinay TLS for ochram authorizanish pedoloh - ESP byl primohi danston polected - Ji polish certifichall per orinen RADUS servera - antenticiem fremos christien fred odposlichem 725 S server for sochilemen anderti sue - overnyi se certifilist surver pourer TLS petere SSID surve S'A pedvolumbe a as zi cortifical ovieny the or race home person Rien anantionse - pri povirità PEAP re carle représent le ortrans (Le renon je RADIUS rever Certifilmila Dervere (RADIUS) a PEAP John with Prisdelman RADIUS servein

Moky/beary: Man in the middle - whom's orthosoucherer a homenhamile lunch men cheme lovenile cini was - but se mapoj' a parimi odposlovahana mela smisie dilal aldimilno protiectusta musi nimi - frijan sprataz od A a čle zi a tieta i modifiliza a prepositu m & - reservin motion I'M verejne a souhumé blice als 917M mure Rachylid výmin blici a profession lorden (AiB) dall sony very lie - on inghi re sifuy very m the war drule strang a se si to preche gen druha strana has se to desifuzi soulwayin the APry: A' Phic od Schieda => Coffee Lalle Allah ale finden sifug voiejym Shitem MITM - nearbineoury AP hay misse odpolouchand a nel mind state => respondent dynomich AP · Rogue AP ARP cuche poisoning - biela mishoù jak netilul MTM nebo Dos

- regusirai on ARP a greppeme a chume sished min dula Ji nerem - pijele ner switch ciloni adrem a on se podna su gulem postu si sun a hom prishe dala - probohor se ARP cache has in se selve buni se nisionalur surisem je sujet 'hombritan' rivaled a brism mu hade portlad pulsed wiene por theto waintele a visioalelslepun parisperi De Febru Re miliono Rationer zi brahan a on me lucle portal falet co may 'gil ven re mili - mhamil dela pullar a postla su manini vol - As The gim he "Telrume" mornin de jim postene below pulet - Non jim demogine ARP cache - prismy to cache se cirem Replating I had to manime opalinal - Nieba co 100 - milet fis reporte dels co finjelos benson hom blierton on whenthe and the Dal puleoficial beeden boon n's? - reprisind WEP are WPA 2 - poisin CCMP - pro autobience pover PEAP/TTLS - TES - nepovoznal PSK - Nois solilené je nabespiené - porsion firewall pro fillerin falilie - ryhmon ne nebespierým pormán EAP had hielm EAP-MDS - nursud: 1 Wireless (DS - deleter Milde, DoS, Rogne AP, nestila previnci ale deklar - povisione dobon'a vilan' bush - M PEAP pourson la realistaci certifichété RADIUS servere per autentisses. and the second of the second



Berfeinolm eile beech. mili diversol - Rusin se with of god lock infrancise? zal broke autentiavimo? prochon aifen WEP - Brifisson jen KORomin : ( => pouring RC4 - Brifing: premisent raine - anderlieuce - WEP Open System - her and. Jin MAC adrey PSK- solily like -4WHS- Steel oxchol ma AP - AD Juste Challenge - letient to providing a poste spil - AP to desifusi suy on shier a porom yirthing to room I len PSK ra promini i pro RC4 par - neclosfully - CRC - ronourpourinim like - 24 hil IV lak se for 5000 Phicics mine openhal a pluimbach as agric libra (a a explanteda) WPA - supravinge UEP - fin drawn - aligorithmo TKIP- for generous hete - perholal po siferim dul UPA 2 - Differen CCMP - AES Holow sifty - 1284 let i Hos - aubulisace - Pare PSK WPA 2 Embergaise - Ngurina EAP - Shice PTK generovan's PTK for minicard a GTK gurroung's GNK for mulicant a browdeart - PTIC Norlosen m 3 FEAPOL KCK sintequish EAP
EAPOL KCK sintequish EAP

TX = 1 TK + si pouin proson SEAP poblo pro contrationioni - nymina GPOL rame - sifarane KCK a KSK bed sjigha mes Danoly Juna - EAP-9105 - Challenge-response - LEAP - - 11 -- CISCO L PEAP OTTLS-TLS siferin leabsqueer - antentième voici RADIUS servern TLS - certificules RADIUS person a ovitem artifil. UNS: MTM, Replay M., Rogue AP, ARP cacle proviousing ...

YWHS 1) Klient poste radost o antentiraci ma AP. (request) 2.) RP posle blienton rojevn fals plaintect! (challenge) 3.) Klient nýrm rosifunji ným WEP shí cem a proble spel. (4.) AP disipuje sojm khiem ov poromá Is him plaintecter a poled re round lat venthe position odovict. Oversen its ID => aulutivam Kegnest - Challonge - Response 4 way hand-shake - No Challange je trieta mysnins: "Zadijle 10 a lusto." - 10 response ji challenge + to ich a to luste visitable (af se autentisont) a cele je la pasifirane