

Security, privacy and data integrity

A-Level Computer Science · Vocabulary

English	中文	Pinyin
 security	安全	ān quán
 unauthorised	未授权	wèi shòu quán
 privacy	隐私	yǐn sī
 integrity	完整性	wán zhěng xìng
 malware	恶意软件	è yì ruǎn jiàn
 virus	病毒	bìng dú
 worm	蠕虫	rú chóng
 networks	网络	wǎng luò
 Trojan horse	木马	mù mǎ
 spyware	间谍软件	jiàn dié ruǎn jiàn
 ransomware	勒索软件	lè suǒ ruǎn jiàn
 adware	广告软件	guǎng gào ruǎn jiàn
 phishing	网络钓鱼	wǎng luò diào yú
 hacking	黑客入侵	hēi kè rù qīn
 denial of service	拒绝服务	jù jué fú wù
 eavesdropping	窃听	qiè tīng
 man-in-the-middle	中间人攻击	zhōng jiān rén gōng jī
 social engineering	社会工程	shè huì gōng chéng
 encryption	加密	jiā mì
 backup	备份	bèi fèn
 firewall	防火墙	fáng huǒ qiáng
 audit logs	审计日志	shěn jì rì zhì
 VPN	虚拟专用网	xū nǐ zhuān yòng wǎng
 authentication	身份验证	shēn fèn yàn zhèng

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 two-factor authentication	双因素认证	shuāng yīn sù rèn zhèng
 authorisation	授权	shòu quán
 least-privilege	最小权限	zuì xiǎo quán xiàn
 plaintext	明文	míng wén
 ciphertext	密文	mì wén
 symmetric encryption	对称加密	duì chèn jiā mì
 asymmetric encryption	非对称加密	fēi duì chèn jiā mì
 public key	公钥	gōng yào
 private key	私钥	sī yào
 access control	访问控制	fǎng wèn kòng zhì
 validation	验证	yàn zhèng
 check digit	校验位	jiào yàn wèi
 verification	核对	hé duì
 parity check	奇偶校验	jī ǒu jiào yàn
Σ checksum	校验和	jiào yàn hé
 cyclic redundancy check	循环冗余校验	xún huán rǒng yú jiào yàn
 pharming	域名欺骗	yù míng qī piàn
 hackers	黑客	hēi kè
 user accounts	用户账户	yòng hù zhàng hù
 digital signatures	数字签名	shù zì qiān míng
 anti-spyware	反间谍软件	fǎn jiàn dié ruǎn jiàn
 access rights	访问权限	fǎng wèn quán xiàn
 biometrics	生物识别	shēng wù shí bié