

Linux Sicherheit und Administration GSE Dortmund, September 2004

IBM Systems Group

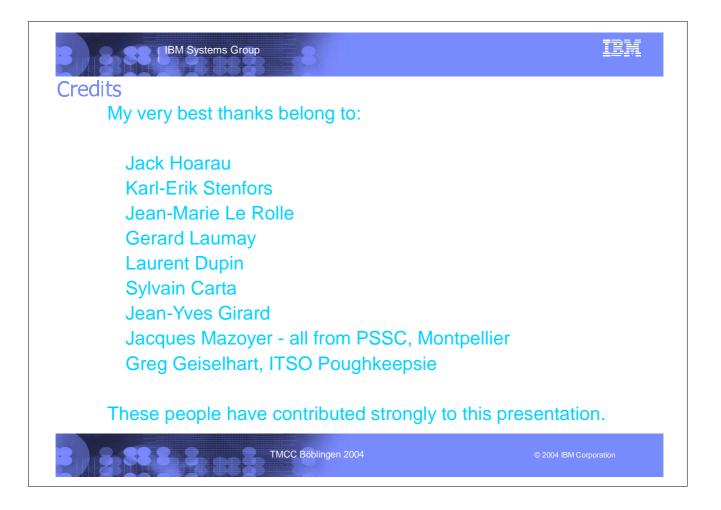
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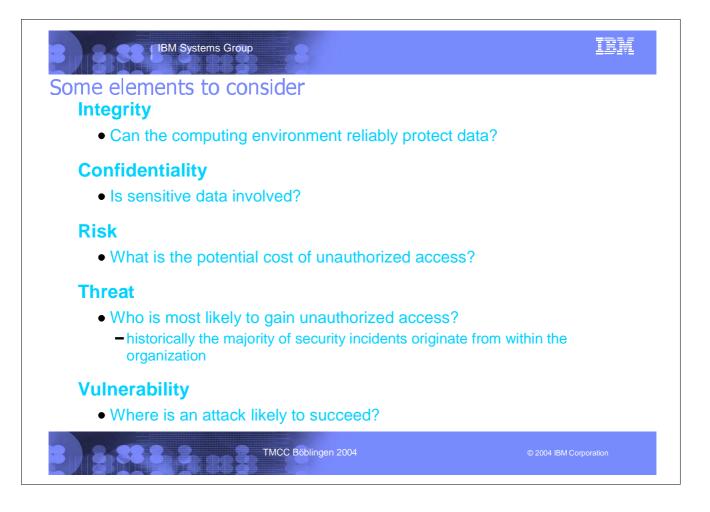
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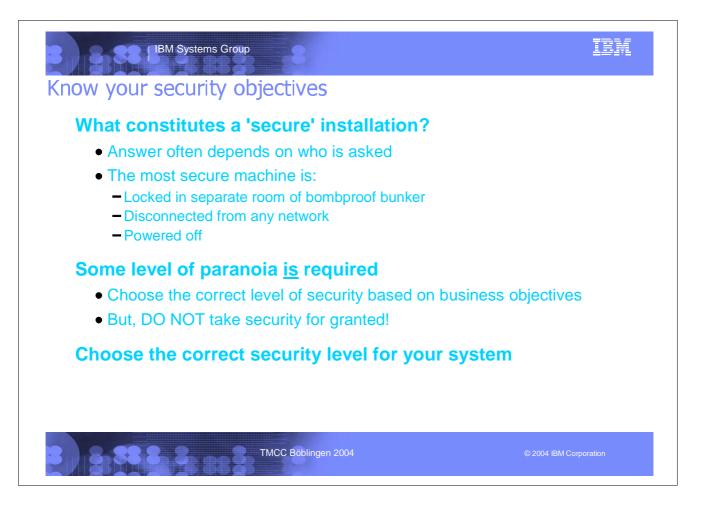
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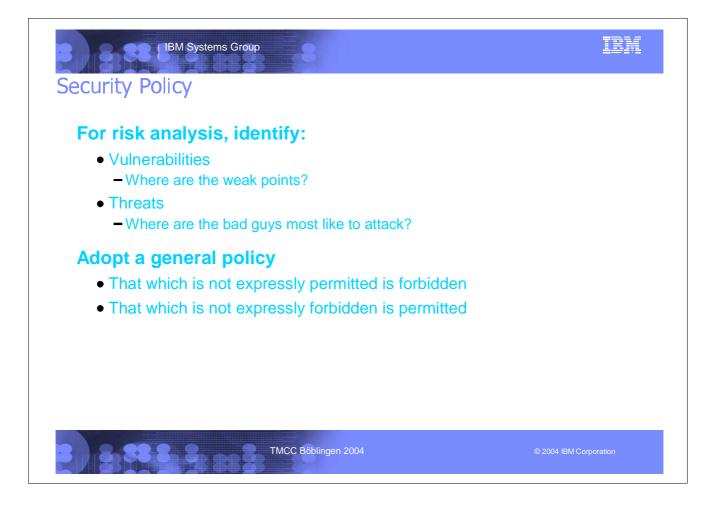




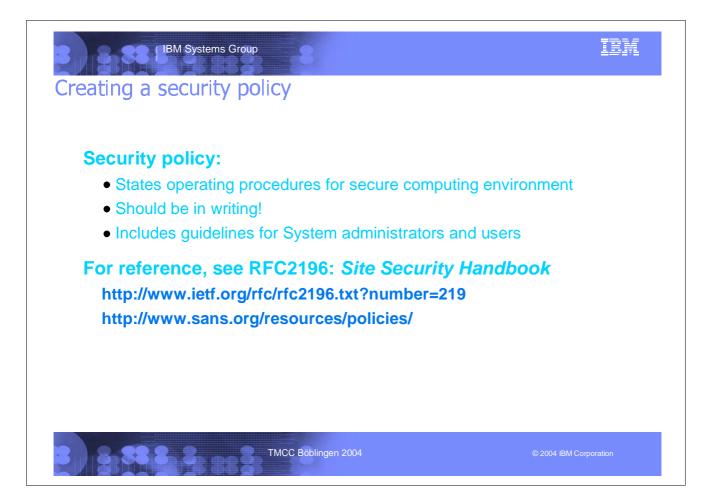


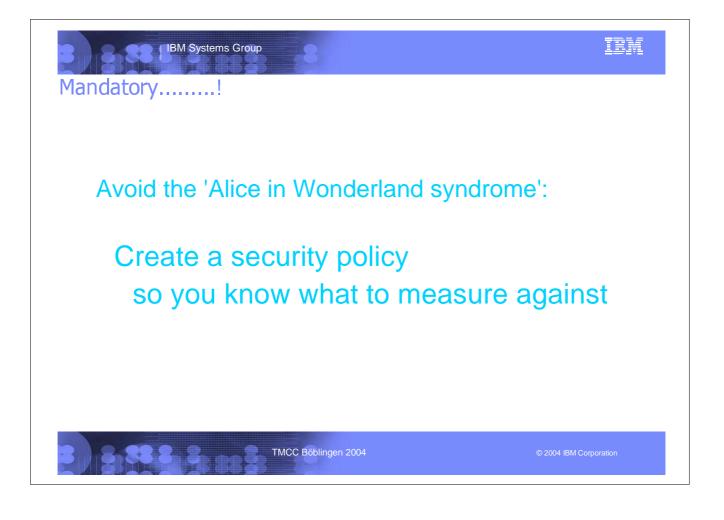


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Some vulnerabilities and attacks	
 Physical compromise / Social engineering Stealing, damaging, or manipulating systems Shoulder surfing / password guessing 	
Executable weaknesses	
Trojan horse	
Back door	
SUID executables	
Buffer overflows	
Network attacks	
 Denial of Service (DoS) attacks 	
Scanning	
 IP address spoofing 	
 Session hijacking 	
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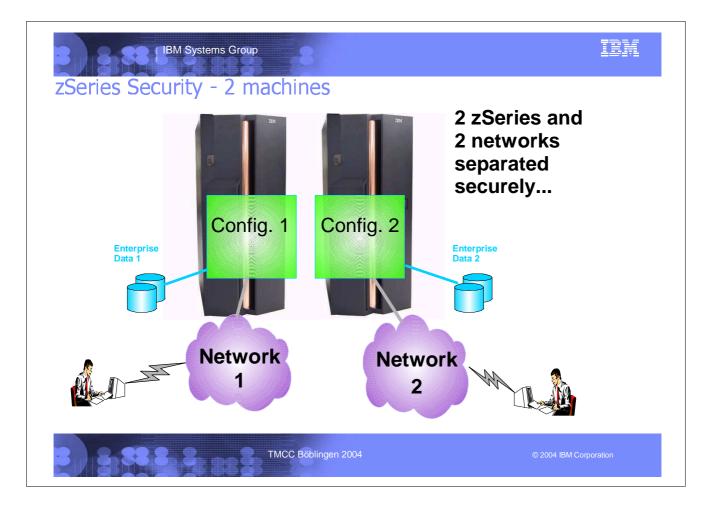


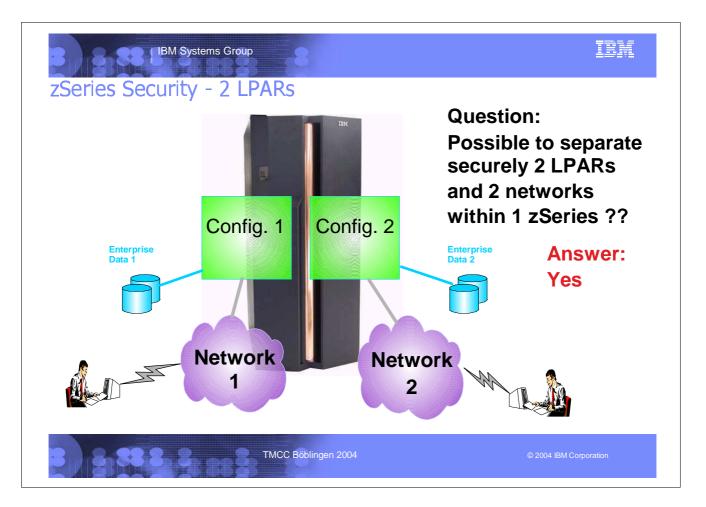




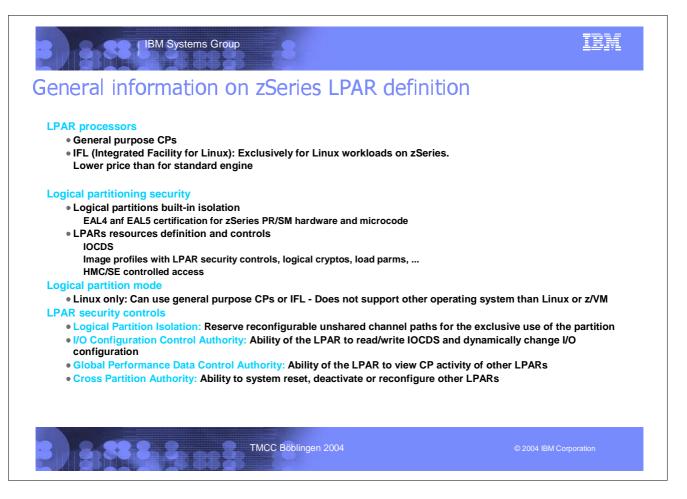


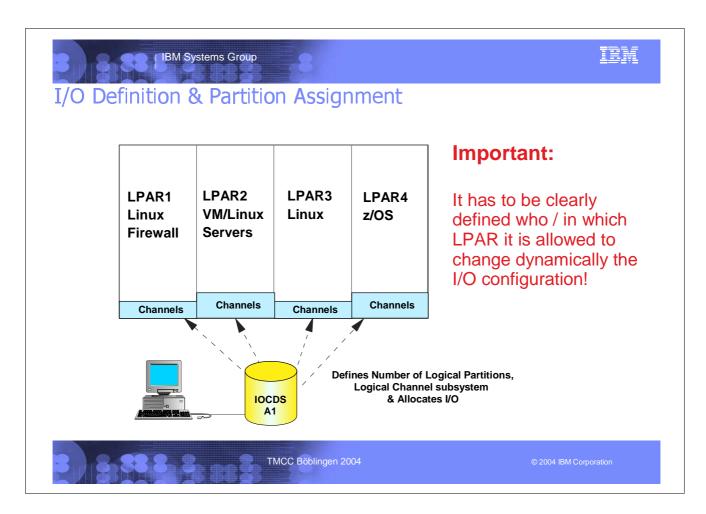




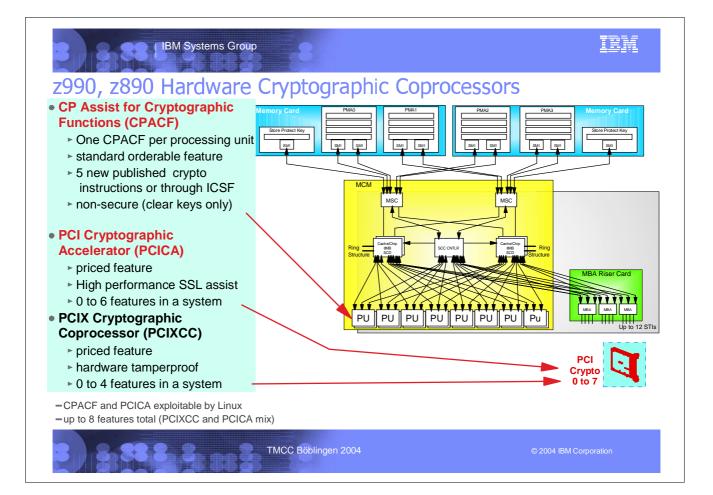


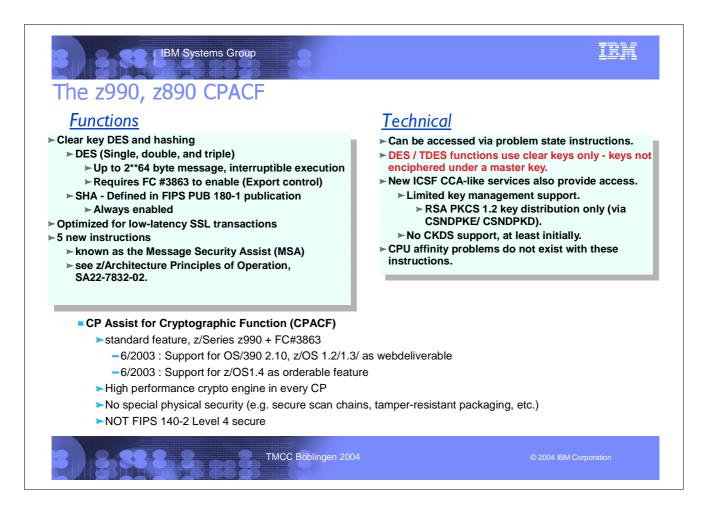


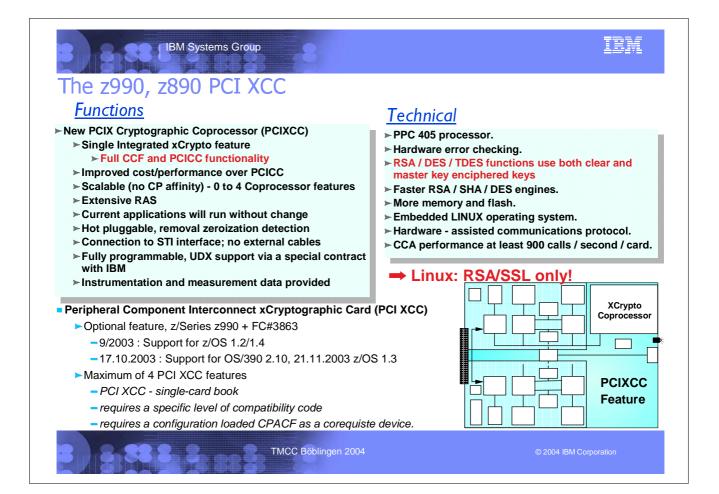


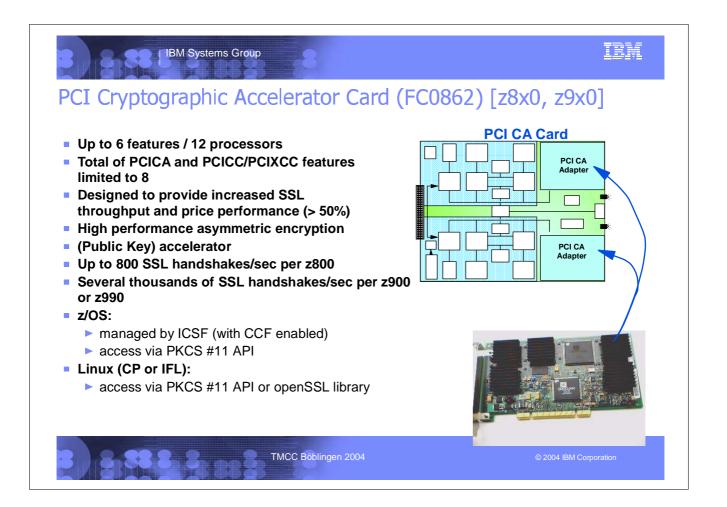


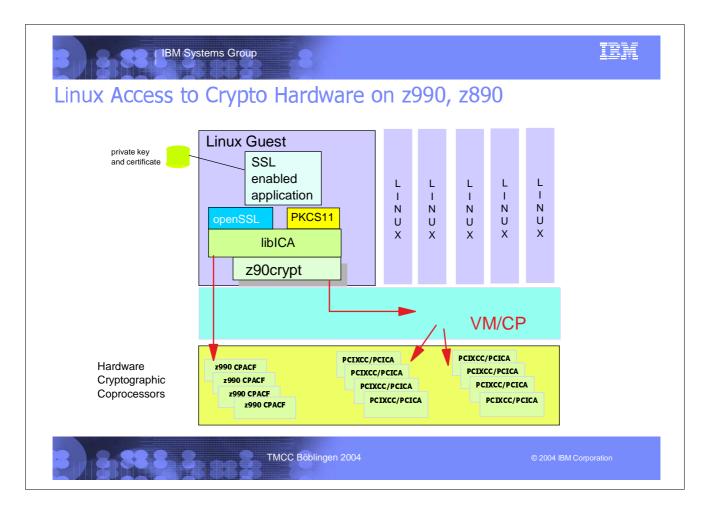


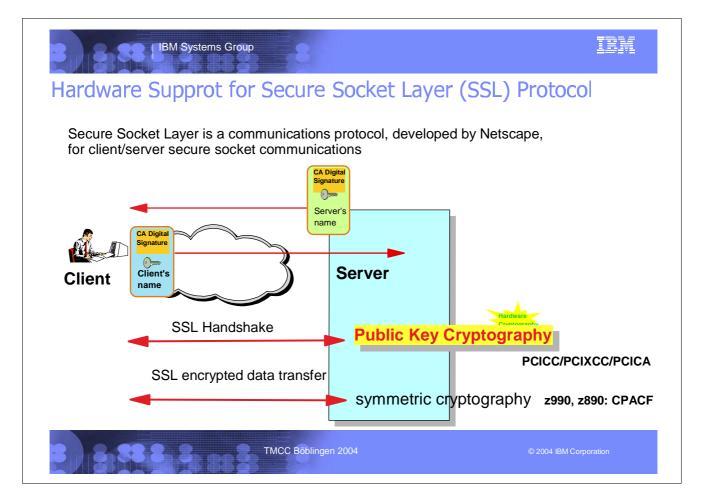


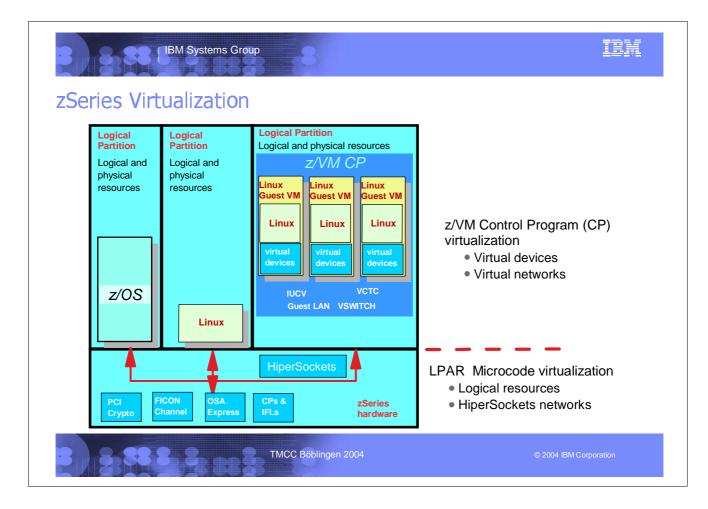


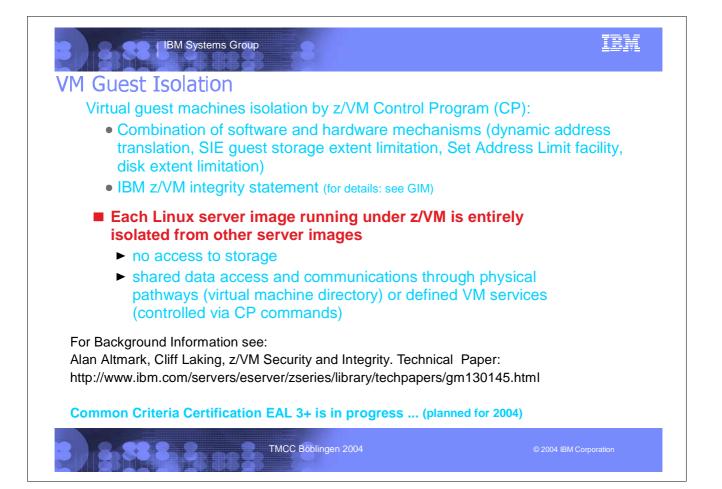


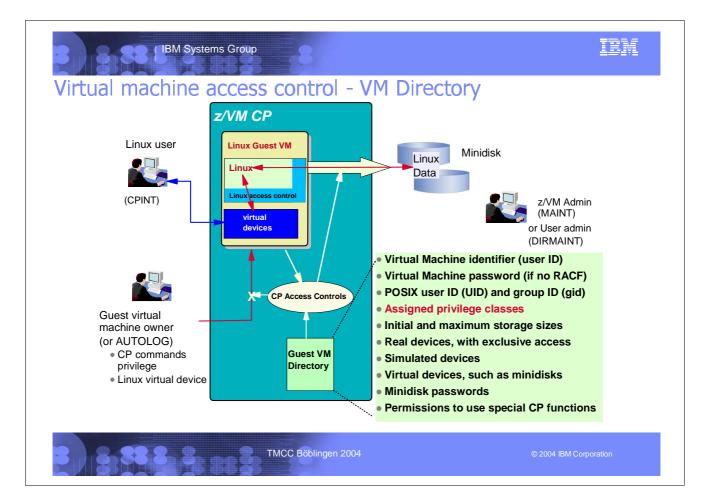


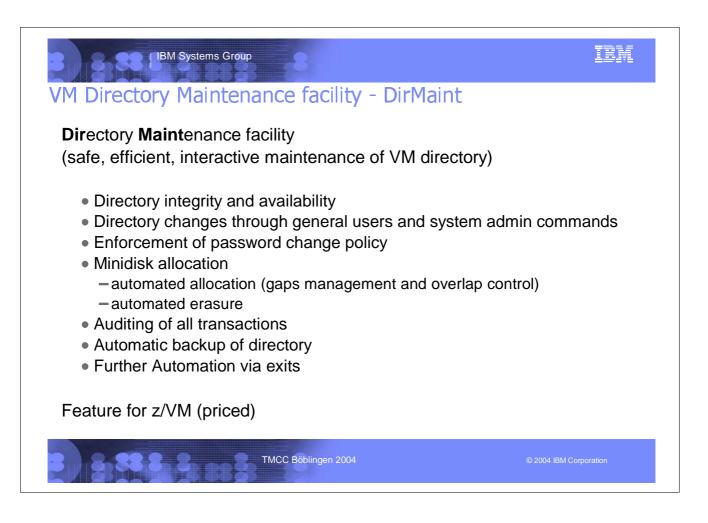


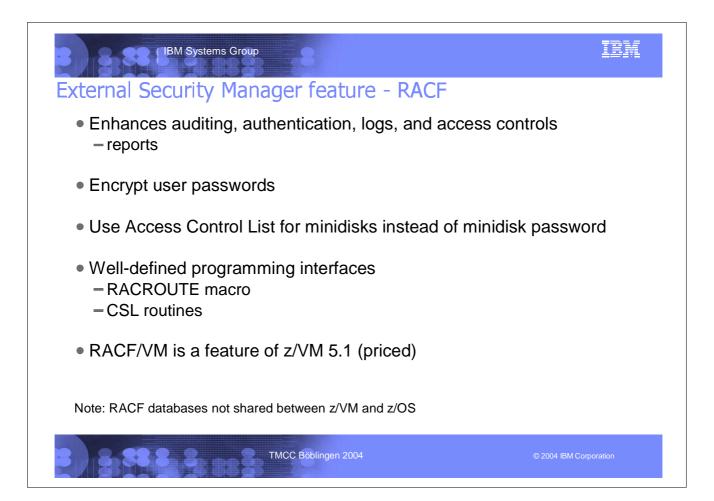


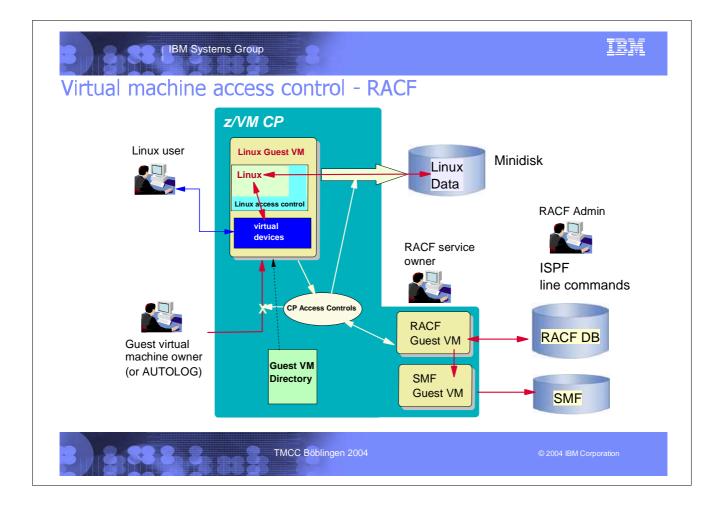


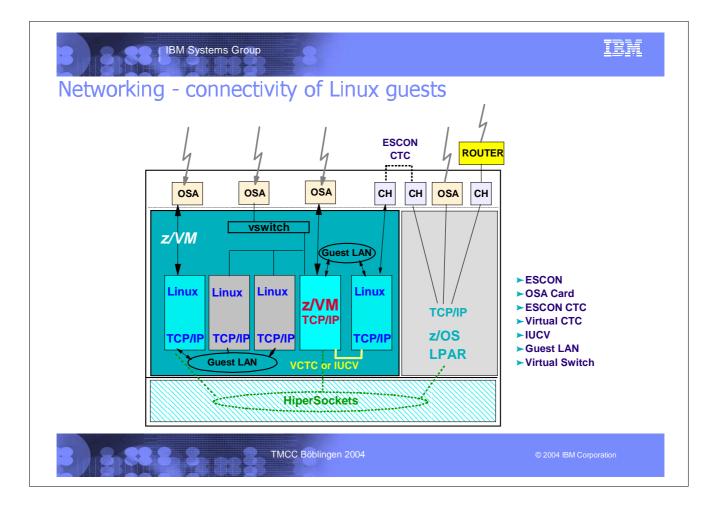


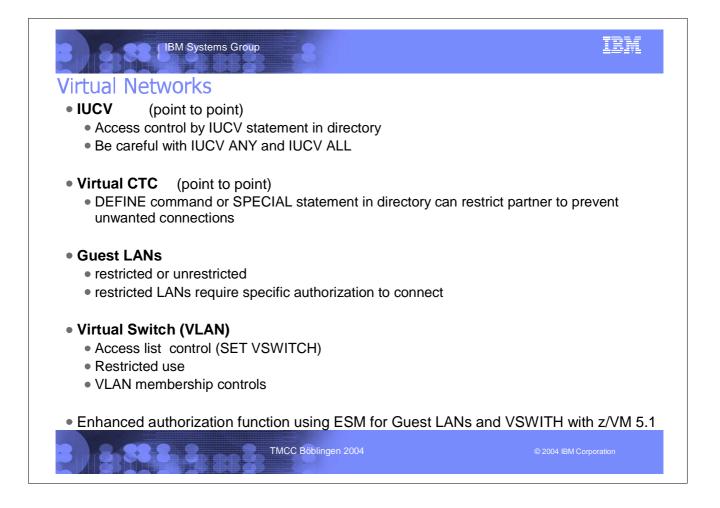


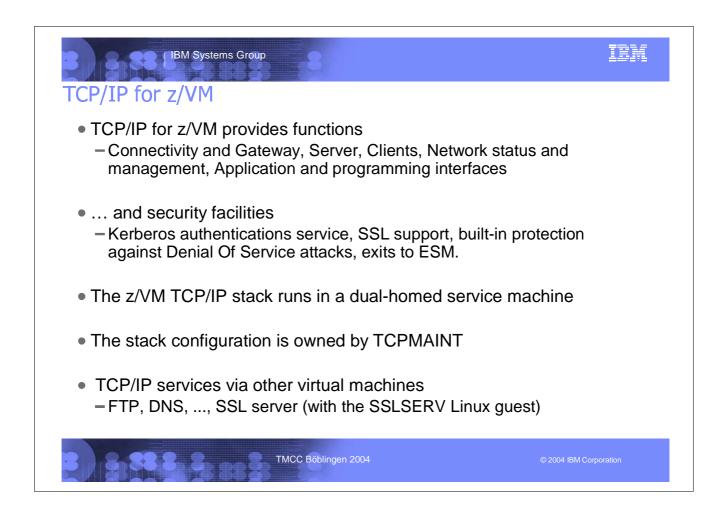


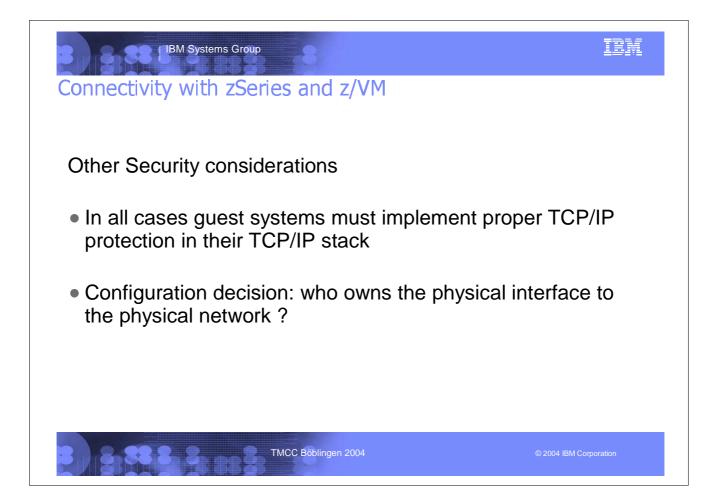


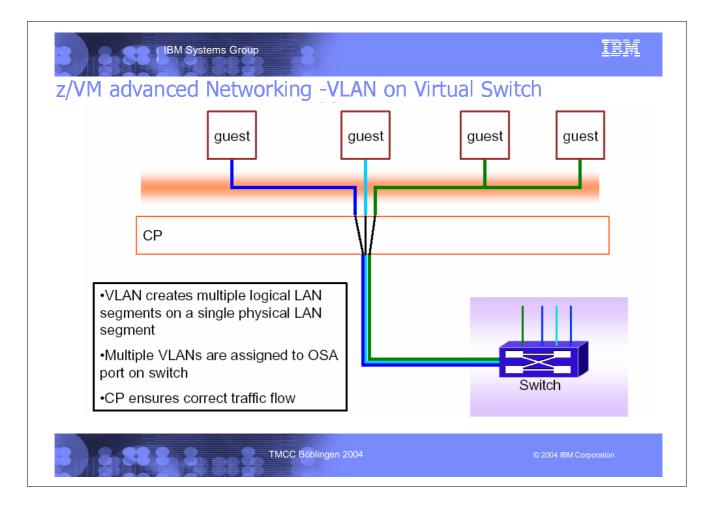


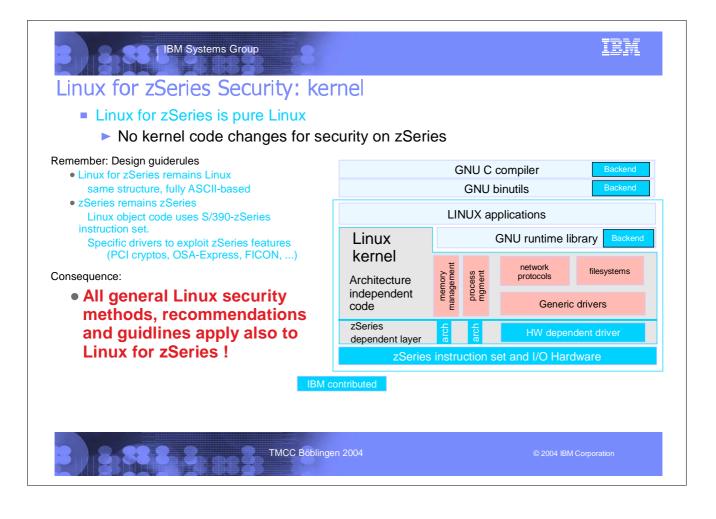




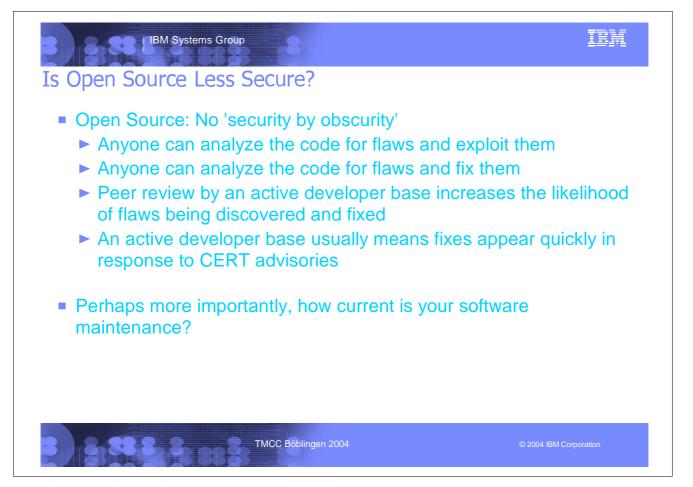


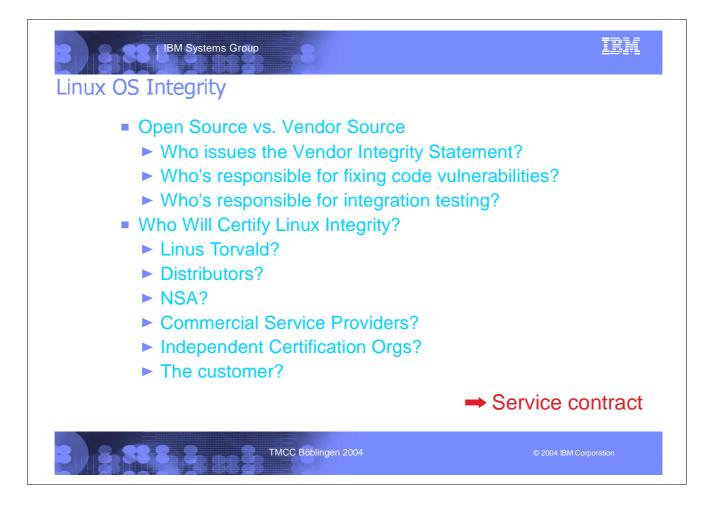


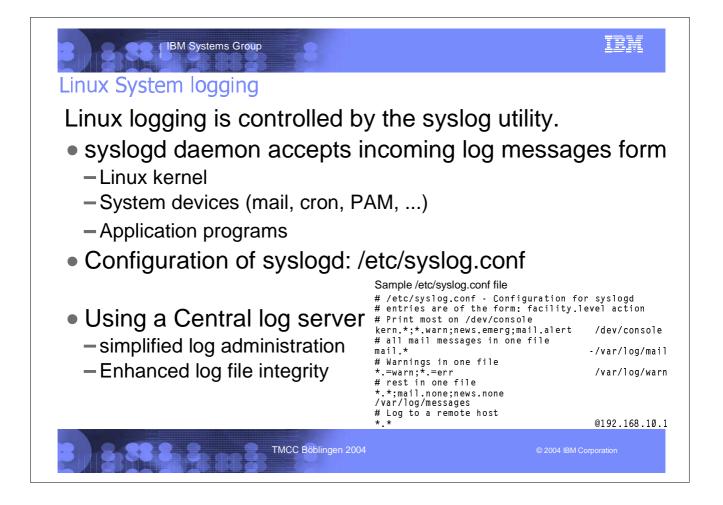


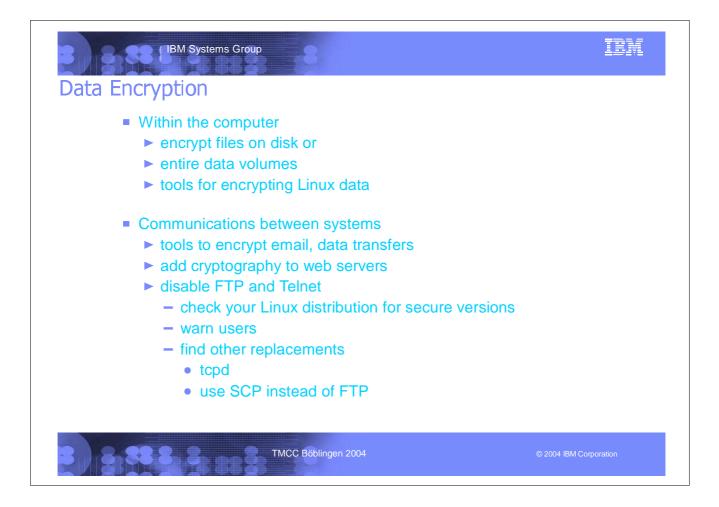


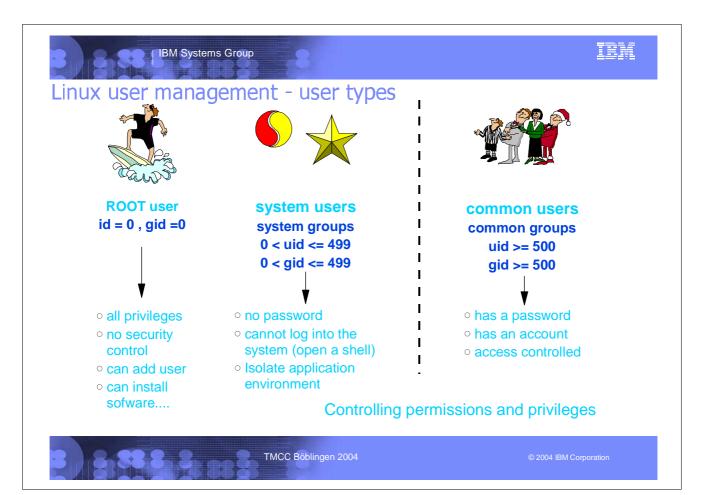


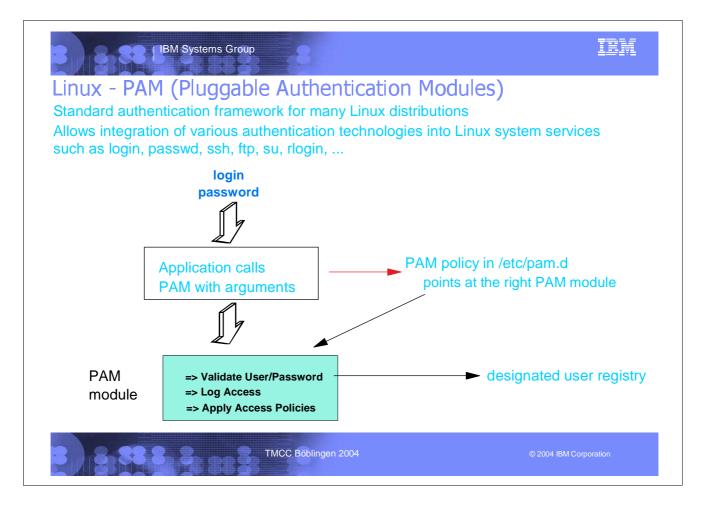


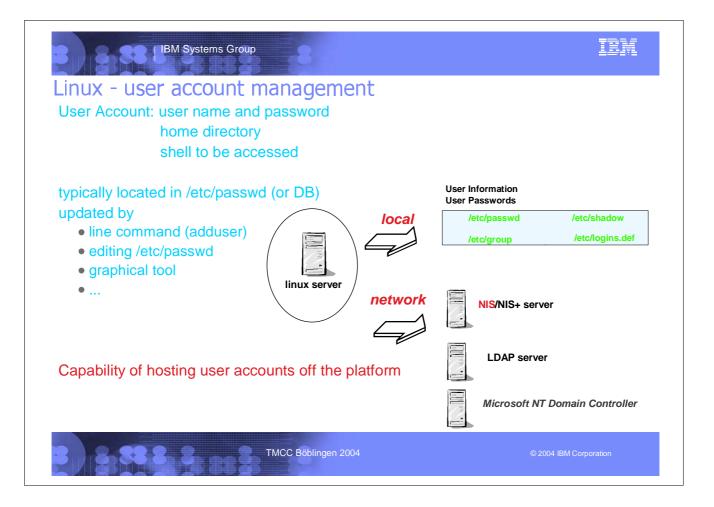


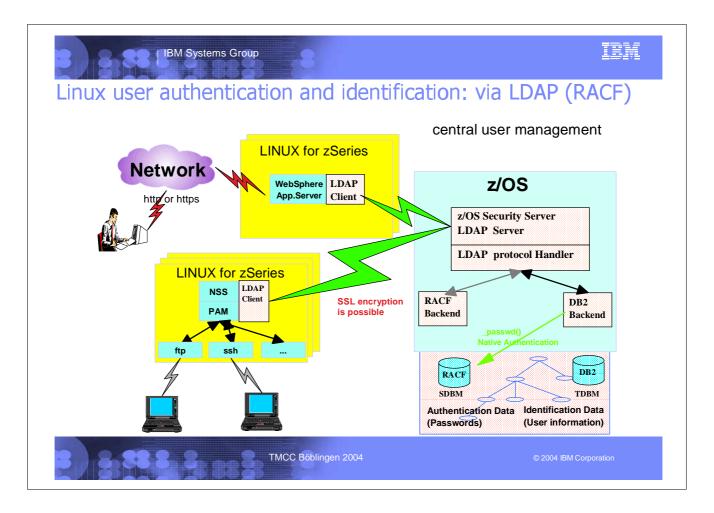


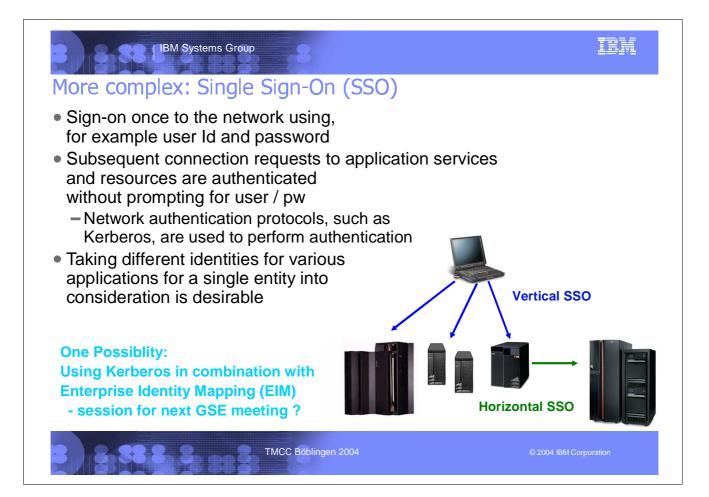




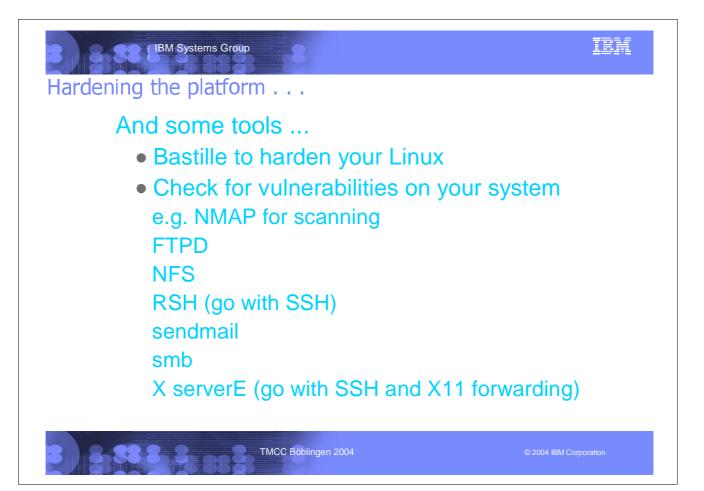


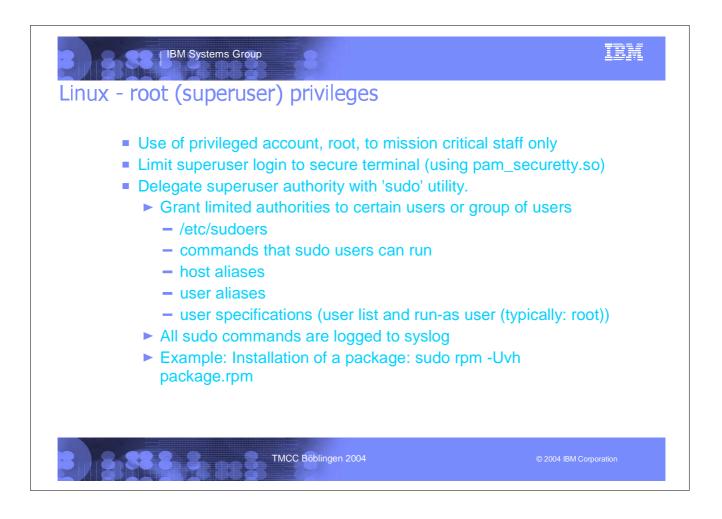


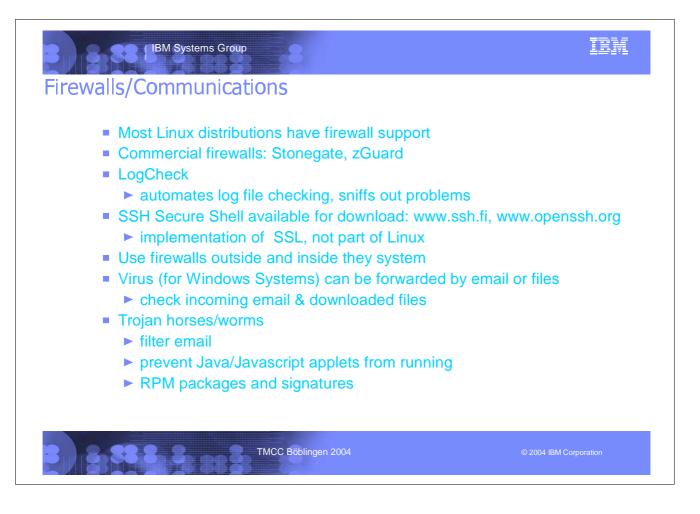


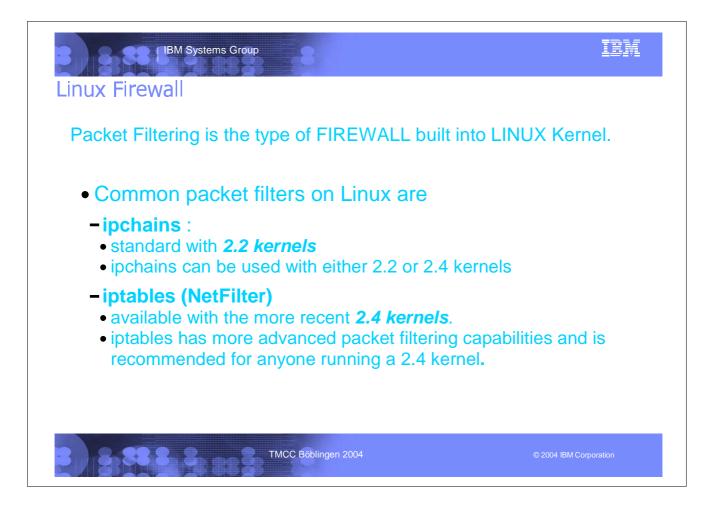


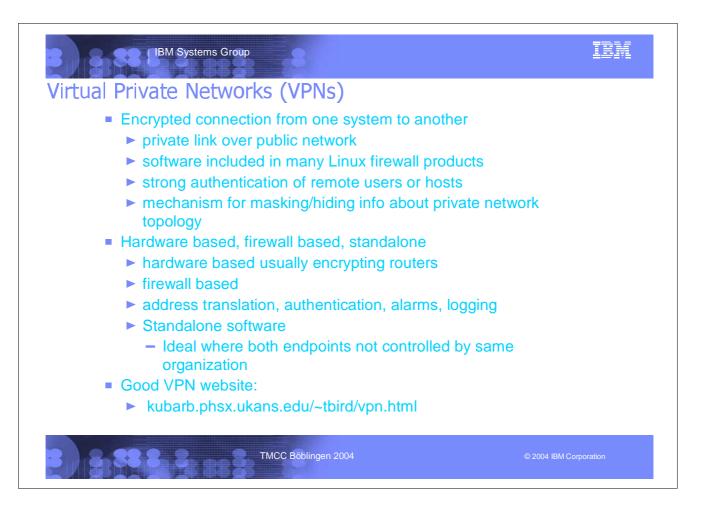


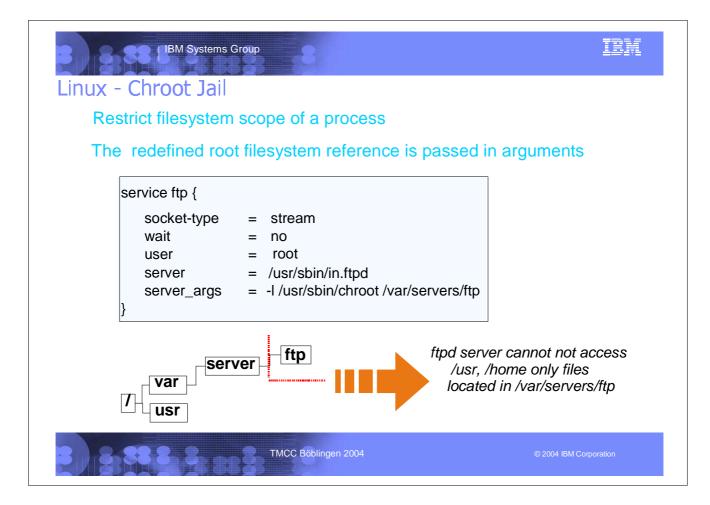


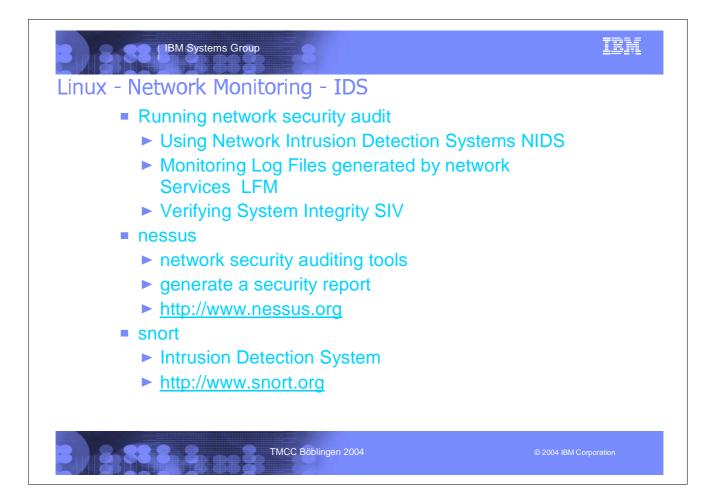


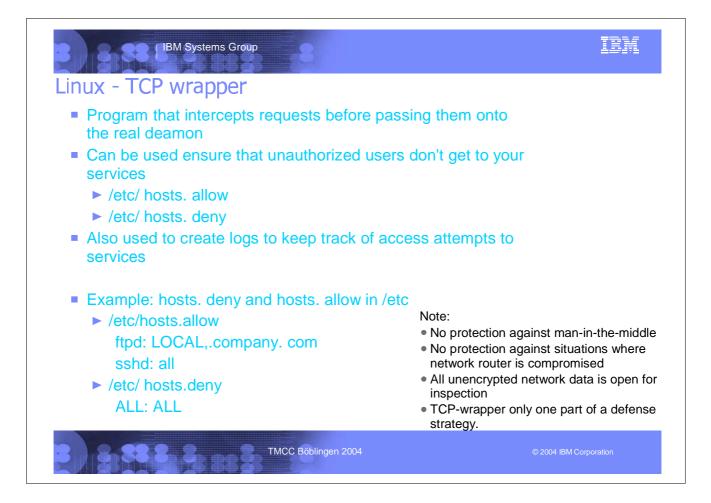












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Some security technologies for Linux

Access Control Lists	LoMac, Best Bits, IBM Tivoli Access Manager, CA's
	eTrust Access Control
Anti-Virus	AmaViS, MIMEDefrag, RAV AntiVirus, CA's eTrust
	AntiVirus
Hardware SSL	PCICC/PCIXCC and PCICA, CPAF on z990 from IBM
Acceleration	
Digital Certificates	Freeware PKI
Firewall	IPTables/NetFilter (IPChains), zGuard, StoneGate
Intrusion Detection	Snort, Snare, PortSentry, TripWire, LIDS, IPLog, IBM Tivoli Risk Manager, CA's eTrust, ISS RealSecure
Directory Services	OpenLDAP, IBM Directory, NIS/NIS+ (restrictions)

Vendor Product Open Source Product

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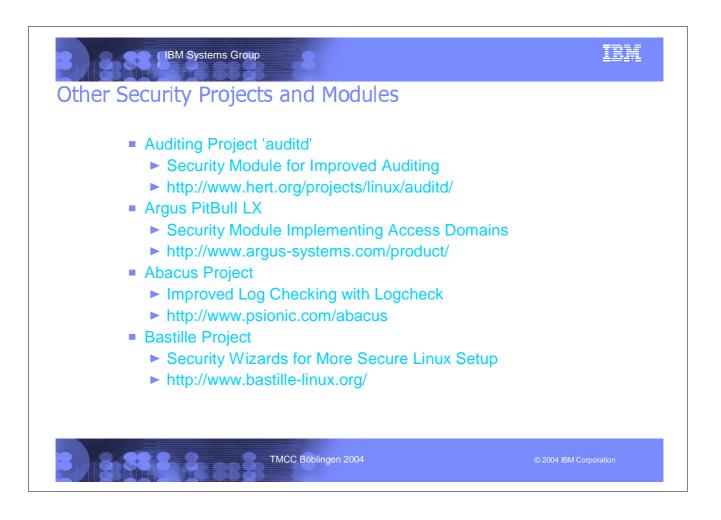
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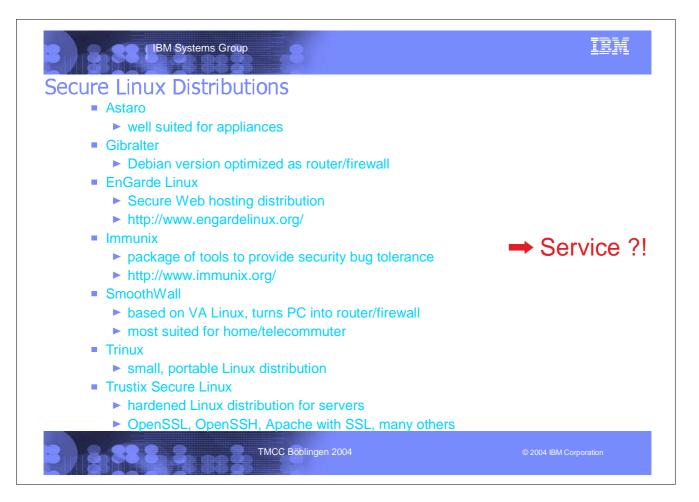
Secure Network	OpenSSH, PGP, GNU PGP, USAGI IPv6,
Communications	FreeS/WAN, CA's eTrust VPN
Secure Socket	OpenSSL, GSKIT, PKCS#11
Layer (SSL)	
System Hardening	Bastille, Tiger, Distributions
Secure Data	CFS, TCFS, ppdd, McAfee's E-Business
	Server
Distributed Policy	IBM Tivoli Access Manager, CA's eTrust
Management	Directory
Proxy Server	Proxy Suite from SuSE, IBM Edge Server,
	SQUID

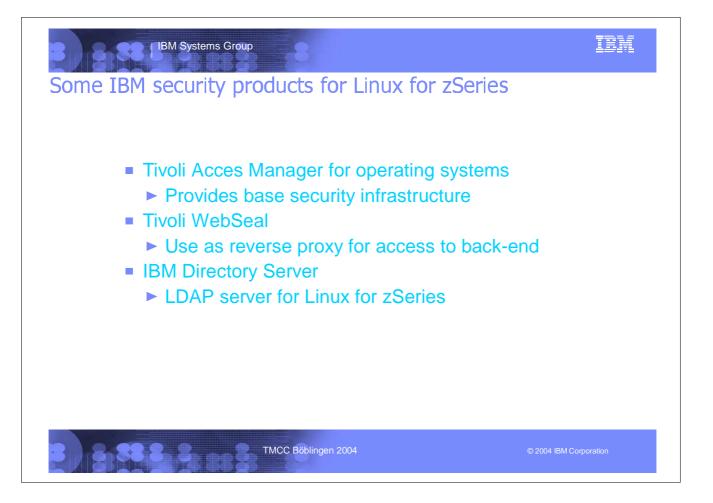
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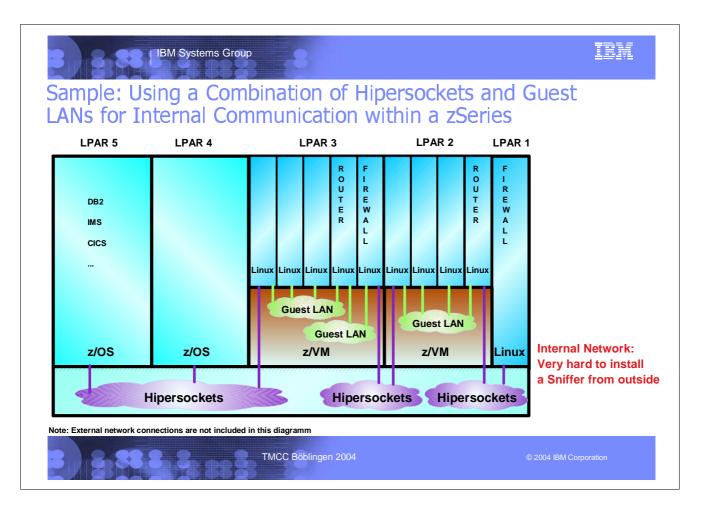
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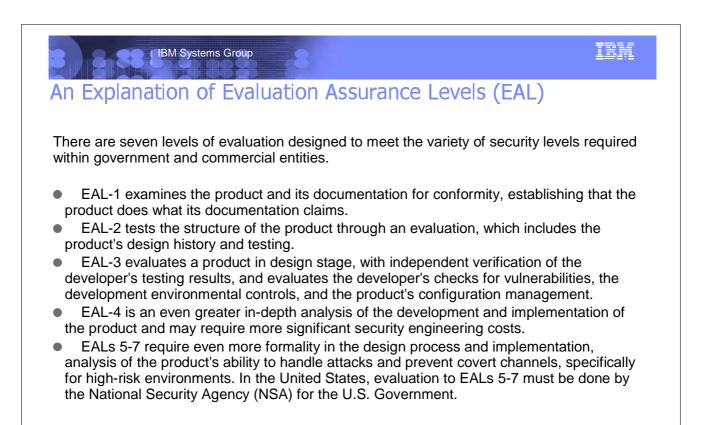














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