

Topics covered by the UNIX Systems Administrator Security Course

COURSE: 7E-F106/531-F59 (CT)

COURSE TITLE: UNIX Systems Administrator Security Course

<u>ACADEMIC TIME</u>	<u>PEACETIME</u>	<u>MOBILIZATION</u>
DAY 1		
INTRODUCTIONS AND IN-PROCESSING	1.0	0.0
Review of Army IA Training BBP	1.0	0.0
REVIEW OF REQUIRED READING	1.0	0.0
PRACTICAL EXERCISE (KEY FILES/PERMISSION SETTINGS)	1.0	0.0
LUNCH	1.0	0.0
PRACTICAL EXERCISE (HIDING DATA)	0.5	0.0
PRACTICAL EXERCISE (SECURITY BENCHMARKING AND UMASK)	0.0	1.5
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PRACTICAL EXERCISE (ACCESS CONTROL LISTS)	0.5	0.0
PRACTICAL EXERCISE (BANNERS)	0.5	0.0
DAY 2		
PRACTICAL EXERCISE (BANNERS)	0.5	0.0
PRACTICAL EXERCISE (PASSWORDS AND 128 BIT ENCRYPTION)	1.0	0.0
PRACTICAL EXERCISE (CORE DUMPS/BUFFER OVERFLOWS/MOUNTING)	0.5	0.0
PRACTICAL EXERCISE (ADDING PACKAGES AND PATCHES)	1.0	0.0
PRACTICAL EXERCISE (ALIASING)	0.5	0.0
LUNCH	1.0	0.0
PRACTICAL EXERCISE (DISK QUOTAS)	0.5	0.0
PRACTICAL EXERCISE (CRON)	0.5	0.0
PRACTICAL EXERCISE (PROTECTING ROOT)	1.0	0.0
PRACTICAL EXERCISE (PTREE/PRSTAT/TOP/SAR)	1.0	0.0
PRACTICAL EXERCISE (LOG FILES)	0.5	0.0
DAY 3		
PRACTICAL EXERCISE (LOG FILES)	1.0	0.0
PRACTICAL EXERCISE (SPECIALIZED LOG FILES)	0.5	0.0
PRACTICAL EXERCISE (TESTING PASSWORD STRENGTH)	1.0	0.0
PRACTICAL EXERCISE (ROLE BASED ACCESS CONTROL)	1.0	0.0
PRACTICAL EXERCISE (MONITORING SU ACCESS)	0.5	0.0
LUNCH	1.0	0.0
PRACTICAL EXERCISE (SOLARIS AUDITING SERVICE)	1.0	0.0
PRACTICAL EXERCISE (HARRIS STAT SCANNER)	0.5	0.0
PRACTICAL EXERCISE (VULNERABILITY SCANNING W/ NESSUS/GFI)	1.0	0.0
PRACTICAL EXERCISE (PORT SCANNING W/ NMAP)	1.0	0.0

ACADEMIC TIME**PEACETIME****MOBILIZATION**

DAY 4	PRACTICAL EXERCISE (DNS)	1.5	0.0
	PRACTICAL EXERCISE (REMOTE SESSIONS/PORTS/SERVICES)	1.0	0.0
	PRACTICAL EXERCISE (SECURE SHELL)	1.0	0.0
	PRACTICAL EXERCISE (X-WINDOWS)	0.5	0.0
	LUNCH	1.0	0.0
	PRACTICAL EXERCISE (DISABLING NETWORK SERVICES)	1.0	0.0
	PRACTICAL EXERCISE (APACHE WEB SERVER)	1.0	0.0
	PRACTICAL EXERCISE (SENDMAIL/FTP)	1.0	0.0
	PRACTICAL EXERCISE (NFS)	0.5	0.0
DAY 5	PRACTICAL EXERCISE (TCPWRAPPERS)	1.0	0.0
	PRACTICAL EXERCISE (IPSEC)	1.5	0.0
	PRACTICAL EXERCISE (CAPTURING VOLATILE DATA)	1.5	0.0
	LUNCH	1.0	0.0
	PRACTICAL EXERCISE (Setting up Solaris Zones)	1.5	0.0
	PRACTICAL EXERCISE (Setting up IP Filtering)	1.0	0.0
	COURSE REVIEW AND CRITIQUE	1.0	0.0

ACADEMIC HOURS BY SECURITY CLASSIFICATION

FOUO	40.0	0.0
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