

Vak LINUX, Auteur DWILL, Niveau 4, Cohort 2024, Periode 3 | PDF

Lesweek	Leerdoel	Theorie	Lesstof	Praktijk	Opdracht	Evaluatie	Middelen	Tijd
1		Configuring the Firmware and Core Hardware	• Understanding the Role of the Firmware • IRQs • I/O Addresses • DMA Addresses • Boot Disks and Geometry Settings • Coldplug and Hotplug Devices			• Quiz: Review Questions	• BOOK: Roderick W. Smith (2013). Linux Professional Institute Certification - Study Guide. John Wiley & Sons, Inc. (ISBN: 978-1-118-57055-5)	4
2		Configuring Expansion Cards	• Configuring PCI Cards • Learning about Kernel Modules • Loading Kernel Modules • Removing Kernel Modules			• Quiz: Review Questions	• COMPUTER: functioning laptop • SOFTWARE: MS Office	4
3		Configuring USB Devices	• USB Basics • Linux USB Drivers • USB Manager Applications • Configuring Hard Disks • Configuring PATA Disks • Configuring SATA Disks • Configuring SCSI Disks • Configuring External Disks			• Quiz: Review Questions		4

4		Designing a Hard Disk Layout	• Why Partition? • Understanding Partitioning Systems • An Alternative to Partitions: LVM • Mount Points • Common Partitions and Filesystem Layouts			• Quiz: Review Questions		4
5		Creating Partitions and Filesystems	• Partitioning a Disk • Preparing a Partition for Use • Maintaining Filesystem Health • Tuning Filesystems • Maintaining a Journal • Checking Filesystems • Monitoring Disk Use			• Quiz: Review Questions		4