Vak LINUX, Auteur DWILL, Niveau 4, Cohort 2024, Periode 1 | PDF								
Lesweek	**Leerdoel**	**Theorie**	**Lesstof**	**Praktijk**	**Opdracht**	**Evaluatie**	**Middelen**	**Tijd**
1		Understanding Command-Line Basics	• Exploring Your Linux Shell Options • Using a Shell • Exploring Shell Configuration • Using Environment Variables • Getting Help			• 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		Using Streams, Redirection, and Pipes	• Exploring Types of Streams • Redirecting Input and Output • Piping Data between Programs • Generating Command Lines			• Quiz: Review Questions	• COMPUTER: functioning laptop • SOFTWARE: MS Office	4
3		Processing Text Using Filters	• File-Combining Commands • File-Transforming Commands • File-Formatting Commands • File-Viewing Commands • File-Summarizing Commands			• Quiz: Review Questions		4
4		Using Regular Expressions	• Understanding Regular Expressions • Using grep • Using sed			• Quiz: Review Questions		4
5		Editing Files with Vi	• Understanding Vi Modes • Exploring Basic			• Quiz: Review Questions		4

			Text-Editing Procedures • Saving Changes					

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Lesweek	**Leerdoel**	**Theorie**	**Lesstof**	**Praktijk**	**Opdracht**	**Evaluatie**	**Middelen**	**Tijd**
1		Using RPM	• Package Concepts • RPM Distributions and Conventions • The rpm Command Set			• 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		Using Debian Packages;	• Debian Distributions and Conventions • The dpkg Command Set • Using apt-cache • Using apt-get • Using dselect, aptitude, and Synaptic • Reconfiguring Packages • Debian Packages Compared to Other Package Formats • Configuring Debian Package Tools			• Quiz: Review Questions	• COMPUTER: functioning laptop • SOFTWARE: MS Office	4
3		Package Dependencies and Conflicts;	• Real and Imagined Package Dependency Problems • Workarounds for Package Dependency Problems • Startup Script Problems			• Quiz: Review Questions		4
4		Managing Shared Libraries;	• Library Principles			• Quiz:		4

			• Locating Library Files • Library Management Commands			Review Questions		
5		Managing Processes;	• Understanding the Kernel: The First Process • Examining Process Lists • Understanding Foreground and Background Processes • Managing Process Priorities • Killing Processes			• Quiz: Review Questions		4

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			• Quiz: Review Questions		4

			• An Alternative to Partitions: LVM • Mount Points • Common Partitions and Filesystem Layouts					
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