Chapter 9: System Administration 2075 Bhadra What is the significance of system administration? Describe. the role & responsibilités of system administrator to keep the system updated & efficient. Explain with an example System administration refers to the management of one or more hardware & software systems. The task is performed by a system administrator who monitors system health, monitors and allocates system resources like disk space, performs backups, provides user access manage user accounts, monitors system security and performs. many other functions. The roles & responsibilities of a system administrator to keep the system updated and efficient are: User administration (setup and maintaining account) Maintaining system. 3. Verify that peripherals are work working properly. 4. Quickly arrange repair for hardware in occasion of hardware failure. Montor gystem performance Creste file system Install software. Create a backup and recover policy. Monitor network communication Update system as soon as new version of OS and application software comes out. 11. Password and identity management

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	The reason to write shell scripts are		
	The reason to write snell automation		
0	Adding new functionality to the shell		
	For routine backups		
- 11	Advantages:		
7	Rosck start		
	Writing shell scripts are much quicker.		
0	Interactive debugging. Command and syntax are exactly the same	ne as those	
8	intered in the command line.		
	The Commence wing		
W.	esadvantages:	1.1.	
P	hone to costly errors		
SI	ow execution speed.		
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Pro	ot well suited for large and complex too	k.	
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