	PAGE NO.
	ASSIGNMENT: 1
9	
1.	I dentification of devices
1.	Router: connects different refuerte and directs
	data to the right destination.
2	Suntch : connecte multiple denices in a network
)	and efficiently manager dates traffic within a
	and efficiently manages dated traffic within a
3.	Hele: Similar tel or suiter but less efficient,
<b>)</b> 4:	Hele: Similar to a suited but loss efficient,  Modern converts internet signals from your  Internet source prevenider so your downers can  use them
)	Internet source prevouider so your slowies can
	use them.
5	Network Interface Calid (NIC) - Advandurare component
	Network Interface Calid (NIC) - Advandurare component moide a computer that analyse it to connects
	te a networks.
	Deflevence b/w Switch and Hal
	Switch
•	Sends data only to the intended decina
0	Yaster and more efficient Used in modern retwork
0	Used in medern retwork
	Hule
	Broadcasts data to all devices
,	Slower due tel unnecerry traffic
0	Mostly out dated and replaced by suitches.
Accorded Carlotte Management Series Services	
	The second secon

	PAGE NO OATE
2.	Peractical Understanding
and the second s	Router Vs Modem
٠,	Router:
	Connects multiple devices and manages network
	leaffice
	Router date between your devices and the internet.
e	Uli fi vouter at home
	Modem:
	Convert 15P signals for internet access
8	Provides internet confection let does not
	manage demices
ø	ISP publicled modern for internet access
*	Role of a Network Interface Card (NZC)
	ANICO is a component insides a computer west allows it to connectes to a network
	either via Ethernet de Mi fi Luwieless)
8	It assign a MAC address, which helps in
	identifying the device on the retrievel.
3	Mands ON Connection
	How the connect a competer to a natural using Ethernel and a Smitch.
2.	Plug one end up the Ethernet calile into the computer NEC por
3 ·	connects the suitch to a wouter
4.	Conserve all denices are promered on.

		PAGE NO.
		How to manually configure an IP Address on a
		Competer
90	1.	Open control Panel
*	9,	Eleck Network and sharing conter
	3.	Right click on athernet Jurifi
D	4.	Choose Internet Puotocal Justion 4 (TCP/1P14)
<b>N</b>	5.	select ille the following it address,
<b>10</b>		· Il address (ley 192.168.1.100)
-		. Dulinet Mask (255. 255. 255.0)
0		· Defult Grate Way (192.168.1.1)
<b>-</b>	6.	click Ok
	4>	Types of Networking Denices
		Managed Vs. Un Managed Switch.
		Managed: allow configuration and Monitoring
		allow donfiguration and requirity dealine
		Powerells advanced security feature used in business network.
		12 Managed Austral:
		Un Managed suitch: Plug-and-play with no setting
		Basic security, if any
		illacel i small offeels or homes.
		4 to ala adding valent un a marche
		As access hount (AP) intends a lite of resource,
		All Miller willeless willies without to a
		It act as beinge blu will and Unewined network
		ey: A disfi entender in a large Office
		J
	ia	

	PAGE No. DATE
5.	Real - Mould application Denices for a secure affice Network
	for an Daffice Network, Mee. Router - direct Internet traffic Suitch - Connects multiplee computers
the production of the producti	Judillell - Priviles agelins affer
8	Modem. Connects to the 15P for internet
	Importants of Liebwells in Network Security
0	Importants of firewalls in Network Socurity A forewell is like a security greated for your network It blocks unauthorized access with allowing
P	eg: It prevent hackers four inleving a company privates ! retevents.
	Correspondy gonococo 1. The