Name: - Avishkar . K. Pokale Roll no: 13 Class: Sy csp Title: DHCP, DHS & Web Server configuration. Aim: - Configuration network using Dynamic Host Configuration Protocol, pNS, web Server use Ping utility to test connectivity. 1) To leavn the DHCP installation and understood the practical use of DMCP, DMS & Web server. 2) To learn the mechanism to access the remote machine by using plag utility to test connectivity. Theory : i) Dynamic Host Configuration Protocol (DHCP): DIACP is a client/server protocol that automatically provides on internet Protocol host with its IP address & other related configuration information such a the subnet most & default gateway. ii) The need of DHCP: DHCP reduces the chances of common errors occuring when IP addresses are assigned manually. It also enough no two hosts can have some IP addresses price plays an important role in managing small networks where mobile deuxel are used & require IP addresses on q

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	non - permanent basis.
	1701) PRIMARY DAGA
	iii) DHCP Message Format:
	It is based on BOOTP message format although DHCPKS
	uses some of the fields in significantly different
	ways. The numbers in parenthesis indicates the size of
	each field in bytes.
	Bisine roses de la constant de la co
)v	DHCP Operations:
	It falls into foul phases: server discovery, I? leade
	offer, IP lease request, & IP lease acknowledgement.
	These stages ore often abbreviated as DORA for
	discovery, offer request & acknowledgement-
	Const Million & Constant of the constant
لع	DNS and Email Sexuer: An email address is
	matched to a domain name and this needs to be
	matched to an IP address to be able to send the
	data. So the mil server uses DNS to motch the
	address on the senvelope' to its destination & deliver
	the email.
5 7 5 12 2	Anna Ans autor what I form was I seems
•	Studenti Observation:
	Thus, we have configured network using DMCP, DNS and
	Web server.
	Use Ping utility to lest connectivity
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	, situates it and priparious de stan bulk and discussion
<u> </u>	Marketine at the setting of the last account of the marketine in

	FAQI
ENGT DESCRIPTION OF THE PROPERTY OF THE PROPER	What are different ways to check IP address of a
	machine?
_	First, click on your stort Menu Etype & in search
	box & press enter. A blank & white window will open where you will type
	i prontig fall & poers enter
	There is a space between the command inconfigured and the switch of Jay - Your ip addresses will be
	the IPV4 address.
\rightarrow	what are different weys to assign IP addresses? Either a static or dynamic IP address is assigned to a device when it connects to internet. This goes come way when we host dedicated derver.
[6.0	what do you mean by private & public IP address?
\rightarrow	A public IP address identifies you to the wider internet so that all the information you are searching for can find you.
	A private IP address is used when a private network to connect securely to other device within that same
	network.
	Public = 1 to 191
	Privote: - Class: A=10.0.0.0 to 10.200.251.255

Camlin Page Difference between DMCP & DMS. DNS 15 on Internet service that translates domain named into IP addresses! DMCP is a protocol for automatically assigning IP addresses & other configuration to devices when they connect to a network.