Ip adnessing

*	IPVY
ヲ	32 bit address
司	Exaple: 255.142.64.31
\Rightarrow	Has a hierarchical structure to enoble routing.
	-> Network postion
	> Host position > Adentify a specific network.
	Routers maintain nouting
	Identifys a Specific table that contains the notwork. end point on a notwork.
	end point on a notwark.
	Looks at destination of Ipaddons
	and match to network address.
*	Special address
()	Dignected behoodcast address
	Host sends dela to all the device on a specific network. This in the entire host portion of the address.
()	Local benoadcost address
	7 Used to communicate with all devices on the local notwork.
	Address are all binary 1s.
	255-255-255
	Lis This is word by host when neguesting IP address from a DNCP
	Seaven.
	Ognanic host configuration protocol
(3)	Local loopbak address
	Lots a system to send a mossage to itself for testing.
	- Lots a system to send a mossage to itself too rusting

(127.0.0.1) {Anghing in 127 mage is a loopback address}

*	Parivale address space
	710.0.0/8
	7172.16.0.0/12
	> 172.168.0.0/16
	, <u> </u>
亨	These address are not proutable on the internet.
	For getting on internet these point address need
	to be NATed.
	> Network address translation
7	ISP block touffic from those poincite address.
*	IPV4 Link local address
·	
\Rightarrow	If pais configured for OMCP and no server is available
	then
	LAPC automatically those IP address in starge 169.254.0.0/16'
\Rightarrow	This address marge is non-noutable.
*	Subnet mask
\Rightarrow	Used to determine notwork and host position.