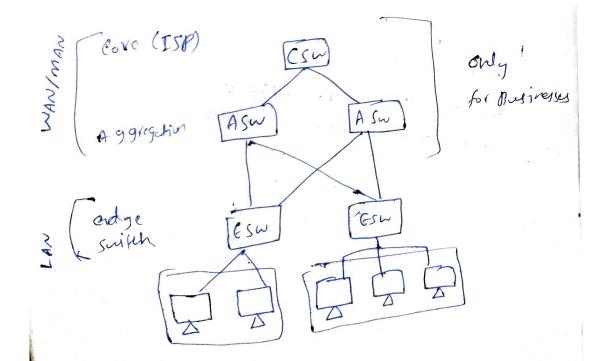
A notwork switch can work in 3 wags

1) Edge snitches;

2) Aggregation suitables

3) cove suitches.



component of switch:

Booting praces of switch.

power on syl Test-checks the hardware

The Rom loads the Bootster Program and searches for the 105

Bookhaf initiales lowlevel hardwere functions

I 0\$ from Flogh is loaded. (like ready to work)

The Startup configuration is Loaded from the NVRAM

Boot process is completed as everything is loaded into the RAM (as and air config loaded the ram) than its ready

105: Internetwork Operating System (tiscors own propraitory OS)

NYRAM: Non Woldish RAM

Ram points to post to flosh to get os

Power on

POST

Rom

FLASH

NYRAM

RAM

To show mae addres table SM# CHOW - PROCE # Show mac-# show mac-oddverr-lable Sujet Configuration! SW1> = user mode swill enable or sen convert normal user to privileged use mode (administator) swi# reload. Tob-emplet hun emd Till SWI#? adminstrator - 5 Global Pro mode -) Swi# configure forminal SWI(config)#? ~ Swi(config)#Line? ... # line console 0 # Parguard Charan @ 123 # (0g jn # exit

CXIZ

gut copy running-routing stortup-routing panner smotel (To unite the bonner) > snitch (config) # hanner motol \$ = To end the line VLAN - vertual LAN = (on cept shuitching

-4,094 can tolar con week in a single switch. (but there is reserved VLAN also).

3 suve the

or ony char.

-> Switch # Show vlan brig.

VLAN Ranger:

· VLAW 0, 4095: These are regerred VLAN which connot be seen or used.

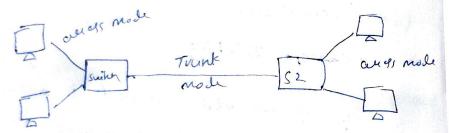
· VLANT: Zt is the default VLAN of the stripehed. By dyant, an shitch port are in VLAN. This VLAN Con't be ducted or edited but cambe used,

·VLAN 2 - 1001 - Normal range.

· VLAN (002-1005

· VLAN

2 VLAN mode (2 diff connection)



2-1001

Access made - Rel LAPtop & Switch. Trunk made - Switch & Swifeth.

[vlan - is to devide the LAN virtually]

creating VLAN

> Swifth(config) # Wan 10

The state of the s

repeat another

-> switch# Show vign big.

> Suitch (antig)# interface fast(therna o/1)
> ... (config-if) #Switchport mode access

-> ... #Switchport access vian 10

H exit

Trainer- Kishore M Nogovor

Admister Azure Cloud:

- · Introduction
- · I duriny management.
- · Virtual networks
- · Azure Artual martines
- · Azare Shorage
- · Azare Paas whaps

what is cloud!

Types

- Private cloud managed by org.
 - Public Chad
- Hay brid cloud.

- Compute, Network, sicushy Storast, management, Hyperisor.

- costoner manage vm and inside of

- when we run VM it is called 1010s

Paus

- Den Twy, Delabere, Net, Tova, Ruby, Perl-

exist we have unb server we need to develop web application in Dev tooks.

Saas

- CRM, GRP, community, Analytics; BILLING, He-
- No need to its tell application
- Straight away, without dong any thing
- gmail,

Azure

(empet - CPU, memory (virtual martin generally)

services:

· Building applications

- · Hoshing websity & senices
- · Analyzing data
- · Storing data.

senices offered by Arche

Computer survives

, VM

· APP services

· Azure Kubernuts Senice (AKS)

wellow Services

- · vimal Nowork
- o load Boloncer
- · Azure (PN (content pedvery Netrot):

Slorage Senity :

- · Blob Sterage
- · Disk storage
- · Rich storage

Outo base services

- * A Zure Syl Destablises
- · cosmos DB
- · Azure Database for my sql/ Poitgre Sql

As and machine leaving

- · AZUVE ML
- · cognitive services

(ore services of Azure

1. I Dentity management

-suger configurity

Login to cloud. - using ms entra id.

SSO - Single sigh on.

Virtual Nehworks

- Every network should given a name

