

DATE: 05/04/2021

Event Coordinator(s)

1. Ms. Sulochana Devi

2. Ms. LeenaPatil

Time & Place:

Online, 11.00 am -1.00pm

1st April 2021

**Xavier Institute of
Engineering**

Department:

Information Technology

**Electronics and
Telecommunication**

No of participant:101

A guest lecture was organized for SE IT&TE EXTC students on the topic “Capacity Planning and Traffic Analysis” and it was delivered by Mr. Vikas Baloda, Assistant Professor, M H SabooSiddki College of Engineering, Mumbai.

The guest lecture was conducted on Zoom platform in between 11.00 am to 1.00pm on 1st April 2021 and was organized by Ms. Sulochana Devi and Ms. LeenaPatil from I.T & EXTC Department respectively.

About 101students attended the guest lecture and the objective of the guest lecture was to provide an insight to the students about capacity planning and traffic analysis in networking

The speaker shared his knowledge on network equipment, on-premise servers, outsourced services, existing services, subnets, remote access requirements, VM demands and external traffic demand. The speaker also demonstrated various tools.

The students were quite amazed at the speaker’s talk and had an interaction with the speaker once the session ended.

Student Feedback and Benefits: It was quite an enriching experience for the students which will help them to estimated network capacity while designing network for any organization.

Ms. Sulochana Devi
Program Coordinator

Ms. LeenaPatil
Program Coordinator

Dr. Vijay Katkar
HOD IT Dept

Dr. Y. D. Venkatesh
Principal

Screen Shots of the guest lecture

Establishing a baseline

1. Network equipment
2. End-user equipment
3. On-premises servers
4. Offsite servers
5. Outsourced services
6. Existing applications
7. Subnets
8. Remote access requirements
9. VM demands
10. External traffic demand

From IT_201903010_steve to Everyone
reduction in office space rent

Zoom Meeting interface showing 100 participants and various controls like Unmute, Start Video, Security, Chat, Share Screen, and End.

Logging equipment

- ▶ Your first task, when establishing a baseline, is to create an inventory of all of your equipment. For **network capacity planning** you need to focus on your network devices, such as **switches** and **bridges**.
- ▶ For later phases in the traffic capacity planning exercise, you will also need to list your end user devices and servers. If you have wifi routers in your network, you will also need to record the data throughput rate of each of them.
- ▶ If you use **Software-as-a-Service** online (SaaS) or employ **cloud storage**, you need to include those offsite resources as well.
- ▶ Some network monitoring tools are able to **cover entire WANs**, so if you want to monitor many sites as an integrated network, you should be sure to choose a monitor that has multi-site capabilities.

Zoom Meeting interface showing chat messages and controls like Recording, Security, Participants, Chat, Share Screen, and End.

Zoom Meeting

Recording...

S Sony Maseeh Khan Krishna More Shreekunj Varia Nikhil Paymode

Participants (147)

Find a participant

- SS S Sony (Host, me)
- AK Aditya Kumbhare
- 21 Abhishek sharma
- AR aakash rathod
- Adish Shivdikar
- AB Aditi Bane
- AJ Aditya Jagtap
- A Agnel
- Aju
- Akhila Jadhav
- a aldrin fernandes
- A Alfred
- Alisha Joy
- AK Aman khakhi

Introduction -

Stages of starting a business-

Why is currently the best time...

What are the needs for a start...

Examples + Stories

Questions

Introduction -

Introduce yourself
I am the CEO and co-founder of Black Cat Productions-
I can share my experience, give you a few tools, share some motivational and inspirational stories, but at the end of the day, it will be your own hard work and self-belief.

Respective of whatever you do in life, each individual should know how to launch a startup, how to run a business in this country. What kind of business. For people who are very new to the subject, Lagaan scene example.

The industry is booming currently. There is no success formula, everyone writes their own story. Whatever you start, it's at least a 4-5 year old journey.

Chimp example

Aditya Birla CEO example

Take responsibilities

Stages of starting a business-
idea generation

Unmute Start Video Security Participants (147) Chat Share Screen Pause/Stop Recording Reactions End

11:56 AM 22/02/2021

Zoom Meeting

Recording...

Microsoft Windows [Version 10.0.19042.867]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\Vikas_Baloda>ping gparker.com

Pinging gparker.com [31.172.246.218] with 32 bytes of data:
Reply from 31.172.246.218: bytes=32 time=134ms TTL=249
Reply from 31.172.246.218: bytes=32 time=136ms TTL=249
Reply from 31.172.246.218: bytes=32 time=134ms TTL=249

gparker.com

FOLDING SLIDING DOORS

Login

Username

Password

Login

Chat

From Vinod Vaman Bhat to Everyone:
no

From Shivam Yadav to Everyone:
Sir UDP is fast but unreliable then why we still use it!
https is secure
http is not

From IT_201903017_PrathameshJaw... to Everyone:
with security

From Shivam Yadav to Everyone:
port using

From IT_201903017_PrathameshJaw... to Everyone:
third party cant slide in

From Shivam Yadav to Everyone:
http packet can be captured!
easily
and decrypt
http request can be modified

From SET_Shubham Palav_20190303... to Everyone:
yes

From Shivam Yadav to Everyone:
yes
request packet will be captured!

To: Everyone

Type message here...

12:23 PM 01/04/2021

Zoom Meeting | You are viewing Vikas Balada's screen | View Options

Recording... | View

Chat

From Vinod Vaman Bhat to Everyone:
no

From Shivam Yadav to Everyone:
Sir UDP is fast but unreliable then why we still use it!
https is secure
http is not

From IT_201903017_PrathameshJaw... to Everyone:
with security

From Shivam Yadav to Everyone:
port using

From IT_201903017_PrathameshJaw... to Everyone:
third party cant slide in

From Shivam Yadav to Everyone:
http packet can be captured!
easily
and decrypt
http request can be modified

From SEIT_Shubham Palav_20190303... to Everyone:
yes

From Shivam Yadav to Everyone:
yes
request packet will be captured!

To: Everyone | File | Type message here...

12:24 PM
01/04/2021

Zoom Meeting | Recording... | Chat

From Shivam Yadav to Everyone:
port using

From IT_201903017_PrathameshJaw... to Everyone:
third party cant slide in

From Shivam Yadav to Everyone:
http packet can be captured!
easily
and decrypt
http request can be modified

From SEIT_Shubham Palav_20190303... to Everyone:
yes

From Shivam Yadav to Everyone:
yes
request packet will be captured!

From Johan Pochampally to Everyone:
ifconfig

From 468 Gitika sunam to Everyone:
ifconfig

From Anurag Yadav to Everyone:
ifconfig in windows

From Shivam Yadav to Everyone:
These request can be modified?
These request can be modified?

To: Everyone | File | Type message here...

12:35 PM
01/04/2021