



One day National webinar
report on
" Distributed Denial-of-Service [DDoS]"

Organized by

**Department of Computer Science & Engineering in Association with Institute of Electrical and
Electronics Engineers [IEEE] and Computer Society of India [CSI],
08-10-2021(Friday), 10.00AM to 12.00PM**

Submitted by: Dr K Saravanan, Associate Professor, Dept. of CSE

Resource Person: Dr. OM Kumar C U, Asst Professor, CSE, SRM Easwari Engineering College,
Chennai.

Attended: III B-Tech students, Faculties of our institution (Total Number: 124)

Mode: Microsoft Team

The one-day national webinar session was started at 10.00 AM. The Workshop was initiated by Dr. R. Kalpana, HOD-CSE Department. The resource person **Dr. OM Kumar C U**, was introduced by Dr.K Saravanan, Dept. of CSE. The resource person addressed the gathering about Distributed Denial-of-Service[DDoS] – Overview

1. At the beginning of the presentation, the resource person discussed about the introduction to DDoS,
2. The speaker has explained Overview of DDoS, DDoS attack through IoT, types of DDoS.
3. He has shared his knowledge on various flash attach
4. The speaker has given notable speak on various emerging trends IoT, Machine Learning, Deep Learning etc
5. He discussed some recent botnets techniques
6. Various types of Flooding
7. He briefed about various types of Autoencoder
8. Speaker suggested some students to carry their main project in DDoS and any kind of help, he is ready to help the students through email or mobile
9. **Feedback:** The students were moreover passionate to know about the DDoS, The session was concluded followed by a vote of thanks which was given by Dr K Saravanan, Associate Professor –CSE.



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Event Photos:

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<p>The Management, Staffs and Students Cordially Solicit your Gracious Presence</p>			
<p>ONE DAY WEBINAR ON Distributed Denial-of-Service [DDoS]</p>			
<p><i>Jointly Organized by</i></p>			
<p>DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING AND</p>			
	 <p>Speaker : Dr. OM Kumar C U, Asst Professor, CSE SRM Easwari Engineering College 08 th October 2021 10.00 AM – 12.00AM</p>		
<p>Chief Patron Dr. N.Vijaya Bhaskar Choudary,Ph.D Secretary & Correspondent</p>	<p>Chief Co-ordinator Dr. C. Yuvaraj, Ph.D Principal</p>	<p>Co-ordinator Dr R Kalpana, HoD-CSE</p>	<p>Convener Dr K Saravanan</p>



Introduction

What is a Flash event?
It is defined as a sudden **exponential growth of requests** on a particular resource.

What is Flash Crowd Attack?
A flash-crowd attack (FCA) is a DDoS attack that **floods an application** at the victim with numerous service requests.

Implications of Flash Attack:

1. Resource Utilization
2. Computation cost
3. Latency
4. Transcontinental hop in search of resource

Microsoft Teams interface shows a list of 78 presenters on the right side.

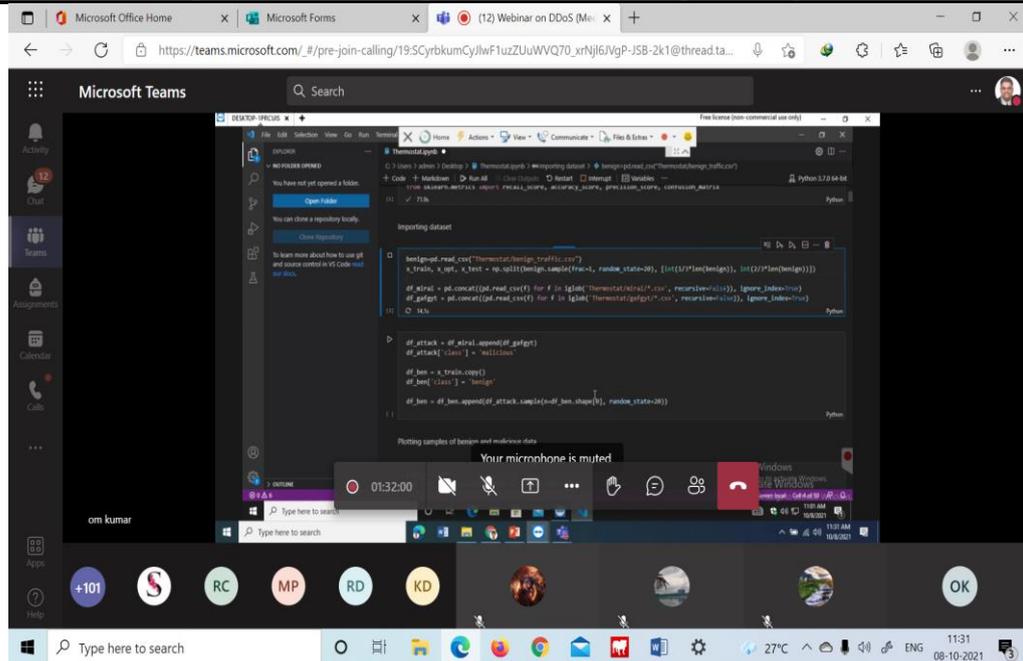
Taxonomy of Botnet Techniques

```
graph TD
    A[Botnet Detection Techniques] --> B[Hoarenet based Systems]
    A --> C[Intrusion Detection Systems]
    B --> B1[Signature based]
    B --> B2[Anomaly based]
    C --> C1[Signature based Detection]
    C --> C2[Anomaly based Detection]
    C2 --> C2a[Host based Intrusion Detection]
    C2 --> C2b[Network based Intrusion Detection]
```

Microsoft Teams interface shows a list of 104 presenters on the right side.



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Profile

Dr om kumar Asst Professor SRM EASwari Engineering college, Chennai who is the speaker of todays session and the topic is DDOS. Dr. Om Kumar has specialized in the domain of Cyber Security at Anna University, Chennai for obtaining Ph.D. He has done his B.Tech in CSE and M.Tech in CSE from JNTU-Anantapur. His research interest spans across IoT and Deep Learning in particular. He has published many articles (7) articles in referred journals. Major of his research contributions have been published in SCI journals (Journal of SuperComputing Springer, Computer Communications Elsevier, Computational Intelligence Wiley). He has participated and presented papers in 6 international conferences, three of which are indexed by IEEE, one by Springer AISC and one by Elsevier. Have published two books pertaining to Anna University syllabus of CSE



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FEEDBACK ANALYSIS

Feedback of one day national webinar on “DDoS “

Name of the Guest Speaker: Dr. OM Kumar C U, Asst Professor, CSE, SRM Easwari Engineering College, Chennai.

Organized by Dept. of CSE, IEEE and CSI MITS, Madanapalle Institute of Technology and Science.

Faculty convenor: Dr K.Saravanan, CSE, MITS

Link:

https://teams.microsoft.com/l/meetup-join/19%3aSCyrbkumCyJlwF1uzZUuWVQ70_xrNjl6JVgP-JSB-2k1%40thread.tacv2/1633416808310?context=%7b%22Tid%22%3a%22b637c4f6-57b7-44dc-bce4-fec0cd202460%22%2c%22Oid%22%3a%22e6191b40-ec9b-4464-b6d2-b9c0a5bd0718%22%7d

Does the Webinar meet your expectations? *

[More Details](#)

Insights

Yes	92
No	2
Maybe	7



Do the Webinar title and Webinar contents match?

[More Details](#)

Yes	100
No	0
Maybe	1





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List of Participants:

Sl.No	Candidates Attended	User Action	TimeStamp
1	Dr Saravanan k	Joined	10/8/2021, 10:01:39 AM
2	om kumar	Joined before	10/8/2021, 10:01:39 AM
3	Pushpalatha. D	Joined before	10/8/2021, 10:01:39 AM
4	Lakshmipriya. P	Joined before	10/8/2021, 10:01:39 AM
5	Lakshmipriya. P	Joined	10/8/2021, 10:57:08 AM
6	Praveen Kumar. R	Joined	10/8/2021, 10:02:34 AM
7	Praveen Kumar. R	Joined	10/8/2021, 10:14:11 AM
8	Nandini. K	Joined	10/8/2021, 10:02:53 AM
9	Renuka. V	Joined	10/8/2021, 10:03:19 AM
10	Renuka. V	Joined	10/8/2021, 10:10:57 AM
11	Reddy Lakshmi. B	Joined	10/8/2021, 10:03:24 AM
12	Reddy Lakshmi. B	Joined	10/8/2021, 10:27:51 AM
13	Ajith Kumar. V R	Joined	10/8/2021, 10:03:36 AM
14	Lahari. P	Joined	10/8/2021, 10:04:46 AM
15	Lahari. P	Joined	10/8/2021, 10:07:34 AM
16	Kousalya Nanda. D	Joined	10/8/2021, 10:04:46 AM
17	Reddy Meghana. D	Joined	10/8/2021, 10:04:49 AM
18	Monika. P	Joined	10/8/2021, 10:05:00 AM
19	Manisha. B	Joined	10/8/2021, 10:05:10 AM
20	Manisha. B	Joined	10/8/2021, 10:08:44 AM
21	Rakshitha. H C	Joined	10/8/2021, 10:05:19 AM
22	Chandramohan D	Joined	10/8/2021, 10:05:46 AM
23	Ravindra Shivapriya. T	Joined	10/8/2021, 10:05:51 AM
24	Mounika. M	Joined	10/8/2021, 10:06:06 AM
25	Bhargav Sai. N	Joined	10/8/2021, 10:06:11 AM
26	Nadiya. S	Joined	10/8/2021, 10:06:11 AM
27	Balaji. Y	Joined	10/8/2021, 10:06:24 AM
28	Balaji. Y	Joined	10/8/2021, 10:31:45 AM
29	Fardeen Ahamed. K	Joined	10/8/2021, 10:07:01 AM
30	Ajay. Y R	Joined	10/8/2021, 10:07:15 AM
31	Raghavendra Raj Kiran. B	Joined	10/8/2021, 10:07:18 AM
32	Ramasukumar Reddy. K	Joined	10/8/2021, 10:07:19 AM
33	Ramasukumar Reddy. K	Joined	10/8/2021, 10:42:29 AM
34	Kusuma Kavya. C	Joined	10/8/2021, 10:07:48 AM
35	Keerthi. S	Joined	10/8/2021, 10:07:55 AM
36	Computer Science & Engineering – HOD	Joined	10/8/2021, 10:07:59 AM
37	Nousheen. M	Joined	10/8/2021, 10:08:20 AM
38	Nousheen. M	Joined	10/8/2021, 10:08:39 AM



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40	Frances. K	Joined	10/8/2021, 10:08:55 AM
41	Frances. K	Joined	10/8/2021, 10:22:02 AM
42	Rachapalli Nayaz Valli. S	Joined	10/8/2021, 10:09:00 AM
43	Rachapalli Nayaz Valli. S	Joined	10/8/2021, 10:59:20 AM
44	Arjun Kumar Reddy. R	Joined	10/8/2021, 10:09:00 AM
45	Gireesh. B	Joined	10/8/2021, 10:09:02 AM
46	Devaharsha. O	Joined	10/8/2021, 10:09:10 AM
47	Jaswanth. K	Joined	10/8/2021, 10:09:17 AM
48	Ashfaq. M	Joined	10/8/2021, 10:09:25 AM
49	Muthugurunathan G	Joined	10/8/2021, 10:09:30 AM
50	Madhava Santhosh. M	Joined	10/8/2021, 10:09:47 AM
51	Abdul Gani Baig. M	Joined	10/8/2021, 10:09:52 AM
52	Ravikiran. K	Joined	10/8/2021, 10:09:59 AM
53	Jaya Krishna Reddy. K	Joined	10/8/2021, 10:10:04 AM
54	Jayanth. G	Joined	10/8/2021, 10:10:11 AM
55	Lakshmi Charan. J	Joined	10/8/2021, 10:10:13 AM
56	Akhil Y	Joined	10/8/2021, 10:10:13 AM
57	Likki Babu. M	Joined	10/8/2021, 10:10:21 AM
58	Thaslima. U D	Joined	10/8/2021, 10:10:25 AM
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62	Faiza sara B	Joined	10/8/2021, 10:11:01 AM
63	Neeraj Kumar. R K	Joined	10/8/2021, 10:11:22 AM
64	Murali Krishna. C	Joined	10/8/2021, 10:11:27 AM
65	Sravani. B	Joined	10/8/2021, 10:11:37 AM
66	Hariprasad Reddy. K. V	Joined	10/8/2021, 10:11:38 AM
67	Girija. S	Joined	10/8/2021, 10:11:48 AM
68	Rohini. Y	Joined	10/8/2021, 10:11:50 AM
69	Saimythri. R	Joined	10/8/2021, 10:12:04 AM
70	Mohanbabu. K	Joined	10/8/2021, 10:12:21 AM
71	Ganesh. K	Joined	10/8/2021, 10:12:33 AM
72	Jahnavi. P	Joined	10/8/2021, 10:12:47 AM
73	Sheershika Chowdary G	Joined	10/8/2021, 10:12:49 AM
74	Manoj Kumar Reddy. N	Joined	10/8/2021, 10:12:53 AM
75	Abhishek. B	Joined	10/8/2021, 10:12:56 AM
76	Lavanya. B T	Joined	10/8/2021, 10:13:14 AM
77	Revanth. M	Joined	10/8/2021, 10:13:15 AM
78	Nagaraja. C	Joined	10/8/2021, 10:13:19 AM
79	Nandagopal. C	Joined	10/8/2021, 10:13:19 AM
80	Yamuna M	Joined	10/8/2021, 10:13:23 AM
81	Sanjay Kumar Reddy P	Joined	10/8/2021, 10:13:23 AM



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83	Rudra Teja. M	Joined	10/8/2021, 10:13:36 AM
84	Ayeshabegum. M	Joined	10/8/2021, 10:13:57 AM
85	Dr Vivekananda G N	Joined	10/8/2021, 10:14:05 AM
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90	Pradeep Kumar Reddy. E	Joined	10/8/2021, 10:14:55 AM
91	Subbarayudu. P	Joined	10/8/2021, 10:15:56 AM
92	Padmavathi. A	Joined	10/8/2021, 10:16:12 AM
93	Padmavathi. A	Joined	10/8/2021, 10:36:35 AM
94	Megha Sai Lakshmi P	Joined	10/8/2021, 10:16:16 AM
95	Sai Mohit. R M	Joined	10/8/2021, 10:16:30 AM
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106	Md. Taheer. G	Joined	10/8/2021, 10:19:48 AM
107	Sreenath. D	Joined	10/8/2021, 10:20:29 AM
108	Deepa Chandrika. J S	Joined	10/8/2021, 10:20:33 AM
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119	Divya Sree. P	Joined	10/8/2021, 10:22:59 AM
120	Bhavya Sree. M	Joined	10/8/2021, 10:23:11 AM
121	Radhika A	Joined	10/8/2021, 10:23:47 AM
122	Anusha. B	Joined	10/8/2021, 10:23:58 AM
123	Bhavani. P	Joined	10/8/2021, 10:24:46 AM
124	Venkata Dinesh Reddy. Y	Joined	10/8/2021, 10:25:31 AM



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CERTIFICATE
of Participation

Dinne Pushpa Latha

Madanapalle Institute of Technology & Science
has participated the international webinar on “Distributed Denial-of-Service [DDoS]” conducted by the Department of Computer Science & Engineering jointly with IEEE & CSI held on 8th October 2021.

Dr. K. Saravanan
Convener, CSE, MITS

Dr. R. Kalpana
HoD - CSE, MITS.

Dr. C. Yuvaraj
Principal, MITS.