



Cyber Security Advanced Hacking Techniques

This Cyber Security Advanced Hacking Techniques webinar was organized on the year of 2018-19. It Gives Idea about LINUX Server and Optimal way to Organize information security in the system.

**Cyber Security
Advanced Hacking
Techniques**

06 September 2018

**Centurion University of Technology and
Management**



Pre-requisites: Nil
 Course Type : Audit (Workshop)
 Duration : 30 Hours

Course Objectives:

- Develop skills to manage a Linux server and provide basic security to the server
- To train students in the organizing and the technical realization and security of data

Learning Outcomes:

- Able to setup Linux server
- Suggest the optimal way to organize information system security

Module	Contents	Duration
Module-1	<ul style="list-style-type: none"> • What is zero day vulnerability and how it works. • Replay attack, pass the hash • Hijacking, Clickjacking, Session hijacking, URL hijacking 	10 hours
Module-2	<ul style="list-style-type: none"> • Typo squatting, Manipulating Driver, Shimming • Refactoring, Pivot, Initial exploitation, Persistence • Techniques of Penetration testing, vulnerability scanning 	10 hours
Module-3	<ul style="list-style-type: none"> • Passively Test Security Controls • Identifying vulnerability, lack of security control, common misconfigurations • Intrusive vs non intrusive, Credentialed vs non-credentialed, False positive 	10 hours
TOTAL		30 hours

Anita Patra



Dr. Anita Patra, Registrar, CUTM

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Convener



A REPORT ON
NAME OF THE PROGRAMME:
CYBER SECURITY: ADVANCED HACKING TECHNIQUES
TOTAL NUMBER OF PARTICIPANTS: 69
ACADEMIC YEAR: 2018-19
DATE: 06.09.2018

In the programme on Cyber security, the participants were made familiarise with the advanced hacking techniques. The participants were also able to perform different types of attack and find the vulnerabilities by identifying some of the factors driving the need for network security. Further, the participants were given practical sessions on various ways in which the security of an information system can be endangered and some feasible suggestions on the optimal way to organize information system security. Students were trained specifically in the areas where they can take informed decision on how to choose an appropriate engineering approach to problem solving.

The following sessions were a few major areas where students were given practical sessions.

- **What is zero-day vulnerability and how it works**
- **Replay attack, pass the hash**
- **Hijacking, Clickjacking, Session hijacking, URL hijacking**
- **Typo squatting, Manipulating Driver, Shimming**
- **Refactoring, Pivot, Initial exploitation, Persistence**
- **Techniques of Penetration Testing, vulnerability scanning**
- **Passively test Security Controls**
- **Identifying vulnerability, lack of security control, common misconfigurations**
- **Intrusive vs non-intrusive, Credentialed vs non- credentialed, False positive**



Hands on training on Advanced hacking Techniques on 06.09.2018

The sessions of the programme were interactive where participants could clarify their doubts whenever they encountered. Thus, the programme was a very successful one.

Anita Patra



Dr. Anita Patra, Registrar, CUTM

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List of participants

Name of Event: Cyber Security Advanced Hacking Techniques

Organized by: Centurion University of Technology and Management

Date: 06 September 2018

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List of participants: -

Name	Registration Number	Present/Absent
1 CHINMAY PADHI	160301140031	Present
2 ABISHEK NAYAK	160301141033	Present
3 JAGANNATH PANDA	160301141035	Present
4 MANORANJAN SUKLA	160301141036	Present
5 BISHAL JOYSWAL	160301141037	Present
6 RANJIT BHOOSHAN NAYAK	180301150001	Present
7 B. ESWAR	180301150002	Present
8 BISWAJEET BHATT	180301150003	Present
9 AMIT KUMAR	170301150019	Present
10 DIGVIJAY BEHERA	170101120001	Present
11 YEDLA DEEPIKA	170101120002	Present
12 DEBASIS PADHY	170101120003	Present
13 ANKADALA KARUNAKAR	170101120004	Present
14 VALLA PRIYANKA	170101120005	Present
15 REVALLA VIDYA SRI	170101120006	Present
16 DIBYA SAMBIT SAHU	170101120007	Present
17 SEPHALI PANDA	170101120011	Present
18 SOUMYA DEEPTO DASH	170101120012	Present
19 YALALA SANDEEP KUMAR	170101120013	Present
20 M. SAI SPANDANA	170101120014	Present
21 SIRIPURAM LAKSHMI PRASANNA	170101120015	Present
22 CHIKATI DIVYA TEJA	170101120016	Present
23 T. GREESHMA	170101120017	Present
24 VOONA SRIJA	170101120019	Present
25 P. HARSHAVARDHAN	170101120020	Present
26 PRANAY RAJ	170101120021	Absent
27 BADAL CHOUDHURY	170101120022	Present
28 G. PAVAN KALYAN	170101120023	Absent
29 MONALISA PRADHAN	170101120024	Present
30 SAASWAT PANIGRAHI	170101120025	Present

31	KOTTURU SAI	170101120026	Present
32	ROUTHU DIVYA	170101120028	Present
33	POREDDI PRIYANKA	170101120029	Absent
34	METTA DEVENDRA PRASAD	170101120030	Present
35	ALIBILLI MAHESH	170101120032	Present
36	AYUSHI MISHRA	170101120034	Present
37	DEVARACHETTY SRIYA	170101120035	Present
38	POTNURU MANIKANTA	170101120036	Present
39	KILLAMSETTY PRAVEENA	170101120038	Absent
40	TULUGU RAHUL	170101120039	Present
41	DARAPU ABHISHEK	170101120040	Present
42	HRUDANAND NIAL	170101120041	Absent
43	DAYA SHANKAR ROUT	170101120043	Present
44	VYSYA RAJU SAI SIRISHA	170101120044	Present
45	ROUTH KARTHIK	170101120045	Present
46	AMOSH KHURA	170101120046	Present
47	ROSHAN KAJUR	170101120047	Present
48	MAJJI REENA	170101120048	Present
49	B.NAGA SATISH KUMAR REDDY	170101120049	Present
50	LAKSHMI NARAYANA MANUKONDA	170101120050	Present
51	ANDHAVARAPU ANUSHA	170101120051	Present
52	PINTU KARJEE	170101120052	Present
53	DHARAM NISHAN MISHAL	170101120053	Present
54	AYUBA BHUYAN	170101120054	Present
55	GONDRU KIRAN KUMAR	170101120055	Present
56	SANJANA SINGH	170101120056	Present
57	PREETI PADMA PATRO	170101120057	Present
58	PADALA VENKATESH	170101120058	Present
59	SAROJ KUMAR NAYAK	170101120059	Present
60	KALAMATA AVINASH	170101120060	Present
61	EPPILI CHATRAPATHI	170101120061	Present
62	BOMMALI VARA PRASAD	170101120062	Present
63	VALLA VIKASH	170101120063	Present
64	ADAPA DHANUSHA	170101120064	Present
65	MURAPAKA KANAKA MAHALAKSHMI	170101120066	Present
66	POTNURU VAMSIKRISHNA	170101120067	Present
67	CH.RANI	170101120070	Present
68	SNIGDHA PATNAIK	170101120071	Present
69	MAMIDI CHANDRIKA	180101120044	Present

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