Amal Jyothi College of Engineering
Kanjirappally,Kerala

SQLSUS, HASH-IDENTIFIER, AND
JOHN THE RIPPER

MCA SEMINAR REPORT

Submitted in the partial fulfilment of the requirements
Award of the Post-graduation in

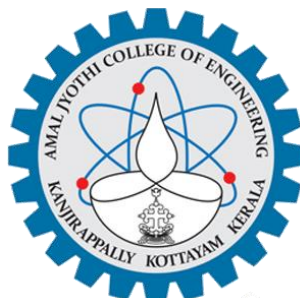Master of Computer Applications

By

Athira S
Reg.No.:AJC17MCA010

Under The Guidance Of

Mr. BINUMON JOSEPH

Assistant Professor, MCA

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DEPARTMENT OF COMPUTER APPLICATIONS

AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY

CERTIFICATE

*This is to certify that the seminar report, "**SQLSUS, HASH-IDENTIFIER, AND JOHN THE RIPPER" is** the bonafide work of **ATHIRA S (Reg.No:AJC17MCA010)** in partial fulfillment of the requirements for the   award of the Degree of Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2019.*

Mr.Binumon Joseph   **Ms. Shelly Shiju George**
Internal Guide   Seminar Coordinator

Fr. Rubin Thottupuram
Head of the Department

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ABSTRACT

This seminar is on sqlsus, hash-identifier, and John the Ripper. sqlsus is an SQL injection tool used to gather information from the database of a vulnerable site. We can retrieve the database structure and also inject our own queries, sqlsus is written in pearl and mainly concentrated on speed and efficiency. Here I used sqlsus to access the database and gather the login credentials from the table. The gathered information is encrypted form.

Hash-identifier is a pre-installed tool in Kali Linux and has a command line interface to operated on. It helps to identify the type of hashes used to encrypt the password. It helps to identify the type of hashes used to encrypt the password. It also known as the software to identify the different types of hashes used to encrypt the data. Hash-identifier detects more then 200 hashing techniques, for example MD4, MD5 etc….

John the Ripper is a free password cracking tool in Kali Linux developed by Open wall. It is a pre-installed tool. It combines a number of password crackers into one package. It auto detect the hash type of the encrypted password. It can be run against various encrypted password formats. It can also be to crack passwords of compressed files like ZIP and also document files like PDF. Here we already detect the hash type by hash-identifier. So we can easily crack the encrypted password by specify the type of hash used to encrypt the password.

We can login with the cracked login credentials and access the website as an authorized user.

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