

# Login Process

## Memory (RAM)

## Password Table

Encrypted Password (ROT13)

Name

Login name

cathy

Password

klm

cathy

klm

xyz

xyz

root

cathy

fred

mary

abc

xyz

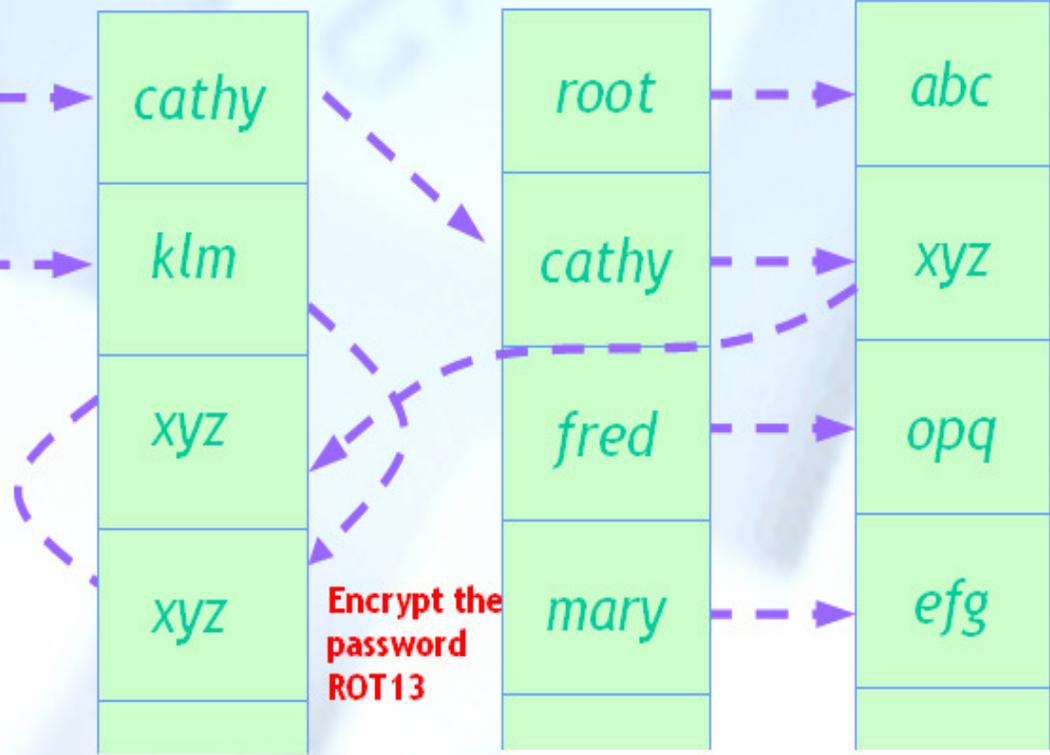
opq

efg

**Login !**

Encrypt the password ROT13

bye



# Overflow Attack

Memory  
(RAM)

Password Table

Encrypted  
Password  
(ROT13)

Name

Login name

cathy

cathy

root

abc

Password

bdf

bdf

cathy

xyz

Overwrite

oqs  
~~xyz~~

fred

rmd

MATCH !

oqs

Encrypt the  
password  
ROT13

mary

qpx

Overflow !  
Login successfully!

bye