

| **CMP210 Penetration Test Report**  *Performing a Security Test on a Company Network*  **Jack Laundon - 2202274**  CMP210: Penetration Testing  2023/24 |
| --- |

**Abstract**

This report presents the findings of a penetration test performed on a company’s network. The company network was comprised of Server1 (192.168.10.1), Server2 (192.168.10.2), and Client1, an account provided for the test on the target system. This report will cover each step of the procedure taken to attempt to compromise the target system.

The project explored scanning the open ports on the target, enumerating the target for any information that could be used to assist compromising the target, scanning the target for vulnerabilities, and actively trying to gain access to the target using information gained from the previous steps of the procedure. This was done by using “nmap” to scan for open ports, a Kali Linux virtual machine for any tools that are available on the Kali Linux operating system, “Nslookup” and “Dig” to examine DNS servers, “SMBmap” and “RPCclient” for SMB enumeration, “Polenum” to extract the password policy of the target, “Enum4linux” for enumeration, “snmpcheck” for SNMP enumeration, “Nessus” and nmap for vulnerability scanning, “Metasploit” to attempt to exploit the target system, “Hydra”, “Cain” and “Rainbow tables” were used to crack passwords, “Net use” and “PsExec” to remotely gain access to the target, “Powershell” to search for information in shared resources, and “Binwalk” and “stegsnow” to attempt to extract information hidden in files.

After the procedure was completed, it was found that the target was highly vulnerable. Nessus returned several “critical” and “high” level vulnerabilities, and nmap returned more vulnerabilities specific to services running on the target servers. An account description gained in the enumeration phase even contained a user’s password. Services running on the target, such as the “Rejetto httpfileserver”, were found to be vulnerable to more than one exploit and provided easy access to the target server. The password policy found was also incredibly insecure . If an attacker were to attack this system, they could very easily do substantial damage as access to the server with administrator level privileges were gained with ease and minimal effort. It was found, however, that many of these vulnerabilities could be fixed by simply updating services running to the latest version, or by upgrading to more secure services used to run servers such as the previously mention HTTP file server.

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# Introduction

## Background

Every day, there are over 2000 attacks on computer systems (Fox, 2023), and losses as a result of this are predicted to surpass $10 trillion (Fox, 2023) (£7.9 trillion) by the year 2025. This alarming statistic makes it obvious that current security measures employed on cyber systems are unsatisfactory. Security is often an afterthought when designing and implementing systems, and this makes it very easy for attackers to gain access to the system and, in many cases, bring the whole system down. Because of this, many organisations and companies around the world choose to employ a penetration tester.

Penetration testing is an offensive security test that involves mimicking a real-life scenario of an attacker attempting to compromise the system. Penetration testers will attempt to compromise the target system just like an attacker would, using any method available to try to find vulnerabilities in the target and eventually exploit the target and gain access. The tester will then report their findings to the client, to allow the client to make changes to their security system that the attacker tested.

## Aim

The aims of this project were:

* Successfully carry out a penetration test according to the methodology. This can be split into different sub aims:
  + Successfully scan for open ports on the target
  + Successfully enumerate information from the target to aid in gaining access to the target
  + Successfully scan the target for vulnerabilities
  + Successfully gain access to the target
* Present a report of the findings from the test

# Procedure

## Overview of Procedure

A penetration test against Server1 (192.168.10.1) and Server2 (192.168.10.2) of a company network was performed. To assist in the test, a test account with the username “test” and password “test123” was provided on the target network. The procedure used in the Penetration Test was comprised of the following stages:

* Scanning
* Enumeration
* Vulnerability Scanning
* System Hacking

The scanning phase consisted of scanning the network to find any open ports that could be used to assist in gaining access to the target.

The enumeration phase comprised of attempting to gain any sort of information, such as usernames, that could provide details used to compromise the target.

The vulnerability scanning phase involved scanning the target system for any known vulnerabilities.

The system hacking phase was made up of attempts to actively gain access to the target.

The following tools were used in the test:

* Kali Linux
  + An operating system widely used in the cyber security industry as it contains several pre-installed tools useful for penetration testing.
* Nmap
  + A scanner used in various stages of the test
* Arp-Ping
  + A protocol used to determine if the target was switched on
* Nslookup
  + A service used to test DNS servers
* Dig
  + A service on the Kali Linux operating system used to test DNS services
* Smbmap
  + A tool used for SMB enumeration
* Rpcclient
  + A tool used for SMB enumeration
* Polenum
  + A Python-based tool used to extract the password policy from targets
* Enum4linux
  + A Linux based tool used for enumeration
* Snmpcheck
  + A tool used for SNMP enumeration
* Nessus
  + A tool used for vulnerability scanning
* Hydra
  + A password cracking tool available on the Kali Linux operating system
* Metasploit
  + An offensive security tool used in various stages in the penetration test
* Cain
  + A tool used to crack passwords using hashes in the system hacking phase of the test
* Rainbow tables
  + A table used that contains “hashed” values of characters used to crack passwords
* Net use
  + A utility available on Windows used for connecting to resources on a network
* PsExec
  + A tool used to remotely connect to machines
* Binwalk
  + A tool available on Kali Linux to search for hidden information inside files
* Stegsnow
  + A tool available on Kali Linux to search for hidden information inside text files

## Scanning

### Arp-ping

The first procedure performed in the penetration test was to “ping” the target machines to confirm that they are active. This procedure requires an Internet Control Message Protocol (ICMP) request to be sent to the target machine. If the target machine is active, it will send a reply (Zola, 2021). However, ping can sometimes be blocked by firewalls. To circumvent this, an Adress Resolution Protocol (ARP) scan was used. ARP is used to connect a constantly changing IP address to a Media Access Control (MAC) address in a local network (Zydyk, 2021). Because the target machines are on a local network, an ARP ping was a suitable procedure to determine that both machines were active. After the ARP scan ran, both machines were confirmed as active.

### Port Scanning

After both machines were confirmed as active, all active ports on the machines were scanned. Along with port scanning, the version of services running on open ports was obtained in a procedure known as “banner grabbing”. Banner grabbing is the process of gathering information about services running on open ports. This was done using “Nmap”, a widely used scanner in the cyber security industry. Nmap has the option of a Graphical User Interface (GUI) – “Zenmap” – but this was not used. First, Nmap was used to scan all of the Transmission Control Protocol (TCP) ports of both IP addresses. TCP is a connection-oriented protocol, and uses a procedure known as the “three-way handshake”. This involves a machine sending a synchronization (SYN) packet to the target server, the server sending an acknowledgement (ACK) packet and a SYN packet back to the original machine, and the original machine sending back a final ACK packet to the server. The scan performed by Nmap utilized the three-way handshake in order to test for potential open TCP ports. This was carried out by using the command:

“**nmap -sT -p 1-65535 -v -v -sV – O -osscan-guess -script=banner <IP address>”**

in the Windows command prompt. The command used the “-sT” switch to specify a TCP scan, the “-p 1-65535” switch to scan all ports, the “-v -v” “very verbose” switch to get more informative results, the “-sV” switch to specify service detection of services running on any open ports, the “-O” switch to attempt to return the operating system, the “-osscan-guess” switch to perform a guess at what operating system (OS) is running if an exact match isn’t found, and the “-script=banner” switch to attempt to get any information about services running on ports (House, 2023). The scan found the following interesting open TCP ports on Server1 (see Appendix A for the full output of the TCP scan on Server1):

* Port 21
* Port 22
* Port 53
* Port 80
* Port 88
* Port 90
* Port 445
* Port 5985

The scan also found services running on these ports. Port 21 was found to be running a File Transfer Protocol (FTP) server. Port 22 was found to be running a Secure Shell (SSH) server. Port 53 was found to be running a DNS server. Port 80 was found to be running a Hypertext Transfer Protocol (HTTP) server. Port 88 was found to be running Microsoft Windows Kerberos. Port 90 was found to be running an HTTP server. Port 445, known for using the Server Message Block (SMB) protocol, was found to be running. Port 5985 was found to be running an HTTP server. The same scan was then run against Server2, and the following interesting ports were found (see Appendix B for the full output of the TCP scan on Server2):

* Port 22
* Port 53
* Port 88
* Port 90
* Port 445
* Port 2033

Port 22 was found to be running an SSH server. Port 53 was found to be running a DNS server. Port 88 was found to be running Microsoft Windows Kerberos. Port 90 was found to be running an HTTP server. Port 445 was using SMB. Port 2033 was found to be running an HTTP server.

As well as reporting the service running on each port, the scan also reported the versions of the services running on each port. On Server1, port 21 was found to be running what appeared to be something known as “Home FTP Server”, port 22 was found to be running “OpenSSH for\_windows\_8.6 (protocol 2.0)”, port 53 was found to be running “Simple DNS Plus”, port 80 was found to be running “argosoft mail server freeware HTTPD 1.8.2.9”, port 90 was found to be running “Apache HTTPS PHP 5.6.30”, port 445 was found to be running “Microsoft Windows Server 2008 R2-2012 Microsoft-DS” and also reported that the domain name for the target server was “UADCWNET”. On Server2, port 22 was found to be running “OpenSSh for\_Windows\_8.6 (protocol 2.0), port 53 was found to be running “Simple DNS Plus”, port 445 was found to be running “Microsoft-DS”, and port 2033 was found to be running “HTTPFileServer HTTPD2.3”.

Along with scanning the open TCP ports on both servers, the User Datagram Protocol (UDP) ports were scanned. Unlike TCP, UDP is a connectionless protocol. This therefore means that UDP does not use the three-way handshake. Because of this, verifying a connection with a UDP port is a much lengthier process. To circumvent this issue, a total of nine machines were used simultaneously with each machine scanning a different range of ports. This was done using the command:

**“nmap -sU -p <port range> -v -v –max-retries 2 –scan-delay 1s -sV -script=banner <IP address>”.**

The “sU” switch specifies that the scan should probe UDP ports, the “-v -v” switch specifies that the scan should be very verbose and should provide a high level of detail, the “max-retries 2” switch states that the maximum number of attempts to connect to a port before moving on should be two in order to increase the speed of the scan, the “scan-delay 1s” switch specifies a delay of one second in order to avoid overwhelming the server with requests for stealth purposes, the “sV” switch specifies version detection, and the “script=banner” switch runs a script to get the “banners” of detected services running on each open port. After running the scan on Server1, the following interesting open ports were discovered:

Port 53

Port 88

Port 161

Port 53 was found to be running a DNS server. Port 88 was found to be running Microsoft Windows Kerberos. Port 161 was found to be using the Simple Network Messaging Protocol (SNMP). Similarly, on Server2, port 53 was found to be running a DNS server, port 88 was found to be running Microsoft Windows Kerberos and port 161 was found to be using SNMP. Like the TCP scan, the versions of the services running were determined. The DNS servers were running “Simple DNS Plus”, and the SNMP ports were “filtered”.

## Enumeration

### Overview

The next step in the penetration testing procedure was enumeration. Enumeration is the process of using the information found in the scanning phase to get more information about the target, such as usernames or a password policy. The enumeration phase is always based on what was found in the scanning phase.

### DNS Enumeration

The first service that enumeration was carried out on was the DNS servers found on both servers. A DNS zone transfer was attempted using the command:

**“nslookup”.**

Nslookup is a service used for enquiring about records held in DNS servers (TechTarget, 2023). The command “nslookup” was used in the command prompt of a windows machine and the IP address of the target was set by using the command:

**“server <IP address>”.**

The commands:

**“set type=any”**

and then

**“ls -d uadcwnet.com”**

were used, with “uadcwnet.com” being the domain used by the target which was discovered in the scanning phase. The zone transfer was attempted, but there was no helpful output. See Figure 1 for an example of the command run on Server1, and Figure 2 for an example of the command run on Server2.A screen shot of a computer

Description automatically generated

*Figure 1 - nslookup on Server1*

A screen shot of a computer

Description automatically generated

*Figure 2 - nslookup on Server2*

To further try to gain any information from the DNS servers, the Domain Information Groper (DIG) command was used on the terminal of a Kali Linux virtual machine. The command:

**“dig axfr @ <IP address> uadcwnet.com”**

was used. The command:

**“Axfr”**

was used to specify a zone transfer, and this command was run against both servers. Again, this was unsuccessful. See Figure 3 for an example of this command.

A screenshot of a computer screen

Description automatically generated

*Figure 3 - DIG on Server1 and Server2*

### SMB Enumeration

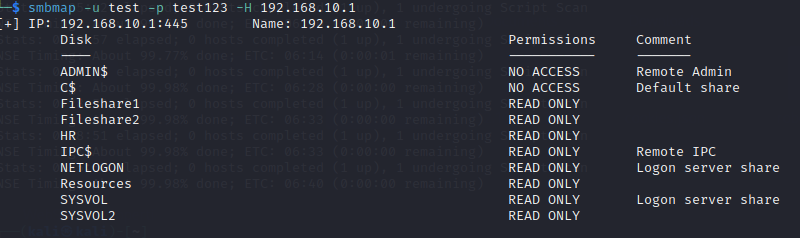
The next protocol enumerated was SMB.

#### SMBMap

SMBMap is a very effective tool for enumerating SMB shares and was chosen as it requires valid credentials, and a test account on the target domain was provided for this test. In a terminal in Kali Linux, the command:

**“smbmap -u test -p test123 -H <IP address>”**

was used. The “-u” and “-p” switches specify the username and password respectively, and the test account’s credentials (“test” and “test123”) were used. The “-H” switch specifies the host to run the command against. A list of folders accessible by users on the domain, known as “shares”, was returned, along with the permissions of each share. See Figure 4 for an example of the output of SMBMap.



*Figure 4 - A list of shares returned by SMBMap*

#### RPCclient

RPCclient is a useful enumeration tool that also requires an account on the target domain. As with SMBMap, this was chosen because a test account on the target domain was provided. The command:

**“rpcclient -u “test” <IP address>”**

was used on a Windows Command Prompt, with the “-u” switch specifying the username to be “test”. The password “test123” was input when prompted. Once the password was entered, the command:

**“querydominfo”**

was entered. The response to this command was information about the users of the domain. The response stated that there were 125 users and 21 aliases on the domain. The response also stated that the logged in user is an admin. Next, the command:

**“enumdomusers”**

was entered, and a list of users and Relative Identifiers (RIDs) was returned. See Appendix C for a full output of this command. The command:

**“enumalsgroups”**

was then entered, which returned a list of domain groups. The groups returned were:

* **“Cert Publishers”**
* **“RAS and IAS Servers”**
* **“Allowed RODC Password Replication Group”**
* **“Denied RODC Password Replication Group”**
* **“DnsAdmins”**

Following this, the command:

**“enumalsgroups builtin”**

was used. See Appendix D for a full output of this command. The command:

**“lookupnames administrator”**

was then used to get the Security Identifier (SID) of the administrator account on the domain. This was found to be:

**“administrator S-1-5-21-23-73017989-4057782597-2990666611-500”**

Following this, the command:

**“queryuser 500”**

was used to get the username of the administrator. The username returned was:

**“Administrator”**

See Appendix E for a full output.

#### Polenum

Polenum is a very powerful tool that uses the Python programming language to obtain the password policy of a target, using credentials of an account on the target domain. Polenum was chosen because of its ability and speed when obtaining password policies, as well as the fact that the provided test account credentials can be used. The command:

**“polenum test:test123@<IP address>”**

was used in the terminal of a Kali Linux virtual machine, and the password policy for the target was returned. The information in the target returned included:

* the minimum password length
* the minimum password history
* the maximum password age
* the password complexity flag
* the minimum password age
* the reset account lockout counter
* the locked account duration
* the account lockout threshold
* the forced log off time

See Figure 5 for an example of Polenum run against Server1, and Figure 6 for an example of Polenum run against Server2.

A screenshot of a computer program

Description automatically generated

*Figure 5 - Polenum against Server1*

A computer screen shot of a computer program

Description automatically generated

*Figure 6 - Polenum against Server2*

#### Enum4Linux

Enum4Linux is a hugely effective tool when it comes to enumerating targets. It was chosen because of its thorough and detailed output. The command:

**“enum4linux -a -u test -p test123 <IP address> > /home/kali/Desktop/<filename>”**

was used in the terminal of a Kali Linux virtual machine. The “-a” switch specifies everything should be enumerated, the “-u” switch and “-p” switch set the username and password respectively, and the “>” specifies the file path. The command returned a full list of account, along with a list of domains, groups, and account descriptions. The description for Holly Mclaughlin’s account was found to be:

**“pwd:trainmen63”**

See Figure 7 for an example of the enumerated account.



*Figure 7 - Enumerated account from Enum4Linux*

The command also found the following usernames assigned to administrator accounts:

* W.Holt
* L.Washington
* M.Padilla
* I.Robinson
* B.Yates
* J.Shaw
* Administrator

### SNMP Enumeration

The next protocol to be enumerated was SNMP. This was done using “snmpcheck”, an enumeration tool on Kali Linux. The command “snmp-check -c public <IP address>” was used in the terminal of a Kali Linux virtual machine, but the connection timed out and no information was gained.

### HTTP Enumeration

Next, the HTTP protocol was enumerated. This was done using nmap, and the “http-enum” script. The command used was in the command prompt of a Windows machine was: “nmap -sV -p <port to be scanned> --script=http-enum <IP address>”. The ports scanned were the previously discovered open ports running HTTP. First, port 80 was scanned. This revealed a web page running “HttpFileServer 2.3”. See Figure 8 for an example of this.

A screenshot of a computer

Description automatically generated

*Figure 8 - The server information found on port 80 of Server1*

Next, port 90 was scanned. This revealed an Apache server with the following pages and descriptions:

* “/test.php: Test page”
* “/css/: Potentially interesting folder w/ directory listing”
* “/icons/: Potentially interesting folder w/ directory listing”
* “/js/: Potentially interesting folder w/ directory listing”

The “test.php” page only displayed the text: “nothing to see here”. See Figure 8 for an example of this.

A screen shot of a computer

Description automatically generated

*Figure 9 - Output from test.php*

The “icons” page displayed a list of image and GIF files. See Figure 9 for an example of this.

A screenshot of a computer

Description automatically generated

*Figure 10 - The icons page on port 90 of Server1*

The “js” page displayed a list of JavaScript files stored on the web server. See figure 10 for an example of a JavaScript file stored on the server.

A computer screen with white text

Description automatically generated

*Figure 11 - A JavaScript file stored on the server*

On Server2, the output from the HTTP enumeration was different. The output for Server2 was:

* /: Root directory w/ directory listing
* /icons/: Potentially interesting

The “/” page did not display anything of value, and the “icons” page displayed a list of image and GIF files. See Figure 11 for an example of this.

A screenshot of a computer

Description automatically generated

*Figure 12 - The icons page on port 90 of Server2*

The same scan was run against port 2033, but this time the port returned closed. See Figure 13 for an example of the output of the scan against port 2033.

A screen shot of a computer

Description automatically generated

*Figure 13 - The HTTP Enumeration script against port 2033*

## Vulnerability Scanning

The next step in the penetration test was vulnerability scanning. This part of the test is where it was attempted to find the known vulnerabilities of the target.

### Nmap

As well as being used for port scanning, Nmap is also a very useful tool for vulnerability scanning and was chosen as there is a script available for Nmap that is specifically for scanning for vulnerabilities. The command:

**“nmap -sT -p <ports to be scanned> -A –script vuln <IP address>”**

was entered into a command prompt on a Windows machine. The “-A” switch specifies “aggressive scanning” (Gangwar, 2022) which allows Nmap to attempt operating system detection, version detection, use of scripts, and to trace the route that data takes across the target network (Gangwar, 2022). The “—script vuln” switch specifies use of the vulnerability scanning script available for Nmap. When ran against Server1, Nmap did not report any vulnerabilities from the scan. See Appendix F for a full output of the nmap vulnerability scan against Server1. However, when the scan was run against Server2, Nmap was able to successfully find and report some potential vulnerabilities. Port 90 was found to be potentially vulnerable to a “Slowloris DOS attack”, port 2033 was found to be vulnerable to HTTP verb tampering, potentially vulnerable to a Slowloris DOS attack, and vulnerable to an “Apache byterange filter DoS” attack. See Appendix G for a full output of the vulnerability scan run against Server2.

### Nessus

Nessus is a tool used for vulnerability scanning and was chosen because each vulnerability found by Nessus is sorted into a category of how serious the vulnerability is, and since reports of the scan can be automatically generated. The target IP addresses were entered into Nessus, and a “Basic Network Scan” was chosen. See Figure 14 for an example of the Nessus setup.

A screenshot of a computer program

Description automatically generated

*Figure 14 - Nessus setup*

The credentials gained in the enumeration phase – “H.Mclaughlin” and “trainmen63” were entered, “uadcwnet” was entered as the domain, and the scan was run. Nessus reported six critical level vulnerabilities, five high level vulnerabilities, 10 medium level vulnerabilities, one low level vulnerability, and 53 extra pieces of information. See Appendix H for a full output of the Nessus scan.

## 2.5 System Hacking

The next step of the penetration test was the system hacking phase. This phase focuses on trying to exploit possible vulnerabilities and gaining access to the target.

### 2.5.1 Password Cracking

The first part undertaken of the system hacking stage was password cracking, in order to attempt to obtain the passwords of the users on the target system.

#### 2.5.1.1 Hydra

The first tool used for password cracking was Hydra. Hydra is an immensely effective tool used for password cracking and is available on the Kali Linux operating system. This tool was chosen due to its high level of efficiency when cracking passwords. Hydra works by trying different passwords against usernames. In this case, a list of passwords was used against a list of usernames. To do this, a file called “users.txt” was created and was filled with a list of usernames belonging to administrator accounts that were discovered in the enumeration phase. Next, the command:

**“hydra -L users.txt -P “cain.txt” smb://<IP address>”**

was entered into a terminal of a Kali Linux virstual machine. The “-L” switch specifies the list of users to be used, and the “-P” switch specifies the password list to be used. In this case, the password list used was “cain.txt”, a list of commonly used passwords as part of the “Cain and Abel” package, a password recovery tool for Windows (Mohamed, 2018), and the “smb” switch specifies that hydra should attempt to attack the SMB protocol. Hydra took some time to run, but returned the following passwords upon completion:

* W.Holt – interception
* M.Padilla – possess
* I.Robinson – switching
* J.Shaw - howsomever

#### 2.5.1.2 Cracking Password Hashes

After obtaining some of the passwords for the administrator accounts, the password hashes were examined.

##### 2.5.1.2.1 Obtaining Password Hashes – Metasploit

To obtain the password hashes, Metasploit was used. In the terminal of a Kali Linux virtual machine, the command:

**“msfconsole”**

was entered to run Metasploit, software used for penetration testing. The next command used was:

**“use exploit/windows/smb/psexec”**

to specify that the SMB protocol should be attacked. Next, the following commands were entered to set the parameters for the attack:

* Set SMBDomain uadcwnet.com
* Set SMBpass interception
* Set SMBuser W.Holt
* Set RHOST 192.168.10.1
* Set LHOST 192.168.10.253

The username and password used belong to W. Holt, an administrator account compromised by hydra, the RHOST is the IP address of the target, and the LHOST is the IP address of the Kali Linux virtual machine. To carry out the attack, the command:

**“exploit”**

was used. The

**“getsystem”**

and then

**“hashdump”**

commands were used, but it was found to be necessary to move to a process running as “system”. The command:

**“ps”**

was used, and a process with a PID of 460 was found to be running as system. The command:

**“migrate 460”**

was used to move that process, and the

**“hashdump”**

command was successfully used to obtain the password hashes for users on the target. See Appendix I for a full list of obtained password hashes.

##### 2.5.1.2.2 Cain

To attempt to crack the obtained password hashes, Cain, a password cracking tool was used. Cain was opened and the “cracker” tab was selected. The hashes were added, dictionary attack was selected, cain.txt was added to the program and the program was run. Cain successfully cracked 37 out of 52 passwords. See Appendix J for the full output after running Cain.

##### 2.5.1.2.3 Rainbow Tables

To attempt to crack the password hashes that Cain was unable to crack, a rainbow table attack was used. A rainbow table attack is an attack where password hashes are run against a “rainbow table” – a table that stores decoded hash values for passwords. To automate this process, a batch file was used. See Figure 15 for an example of the batch file.



*Figure 15 - The batch file used to automate a rainbow table attack.*

The batch file ran each uncracked hash against the rainbow table and successfully cracked one more password. The password in question belonged to the user:

**“K.Thompson”**

and the password cracked was:

**“dolores”**

See Appendix K for the full output after running the rainbow table script.

### 2.5.3 Remotely Accessing a Machine

This stage of the test involved actively trying to gain access to the target machines.

#### 2.5.3.1 Net Use

The net use command is used through a Windows Command Prompt. It was used to attempt to access a user’s files and was chosen because using it requires no special techniques to evade detection as net use is used with valid credentials. The command:

**“net use q:** [**\\192.168.10.1**](about:blank)**”**

was used, and this allows access to the target’s “C:” drive via a “Q” drive on the attacking machine. The credentials used when prompted were:

**“W.Holt”**

and

**“interception”**

and access was granted to W.Holt’s C: drive. See figure 16 for an example of accessing W.Holt’s C: drive through net use.

A screenshot of a computer

Description automatically generated

*Figure 16 - W.Holt's C: drive accessed through net use*

After this, a text file containing the words “This is vulnerable” was created, in order to prove that access had been gained. See figure 17 for an example of this text file and figure 18 for an example of W.Holt’s C: drive after the file had been created.

A screenshot of a computer

Description automatically generated

*Figure 17 - example of the text file created to prove access.*

A screenshot of a computer

Description automatically generated

*Figure 18 - W.Holt's C: drive after the text file had been created*

#### 2.5.3.2 PsExec

PsExec is a utility that allows machines to be connected remotely. This tool was chosen because it is a legitimate tool available on Windows and as such is less likely to be detected by an antivirus. The command:

**“psexec** [**\\192.168.10.1**](about:blank) **-u W.Holt cmd”**

was used. This command specifies the username of the target to connect to and specifies that a command prompt should be opened upon successful connection. The password of:

**“interception”**

was entered when prompted, and the connection to the target was successful. See Figure 19 for an example of successful connection using PsExec.

A screenshot of a computer program

Description automatically generated

*Figure 19 - The root folder accessed through PsExec*

To prove access had been gained, the

**“ipconfig”**

command, used to show the network configuration, was used and the IP address returned was 192.168.10.1 – the IP address of Server1. See Figure 20 for an example of this.

A black background with white text

Description automatically generated

*Figure 20 - The IP address returned by ipconfig.*

Finally, to further prove this is vulnerable, a text file containing “hello world” was created. See Figure 21 for an example of this.

A computer screen shot of a black screen

Description automatically generated

*Figure 21 - The root folder containing the created text file.*

### 2.5.4 Searching for Passwords in Shares

Passwords can sometimes be found in shares, and the next part of the system hacking phase is to search for these passwords. To do this, Powershell was used. After Powershell was opened, the command:

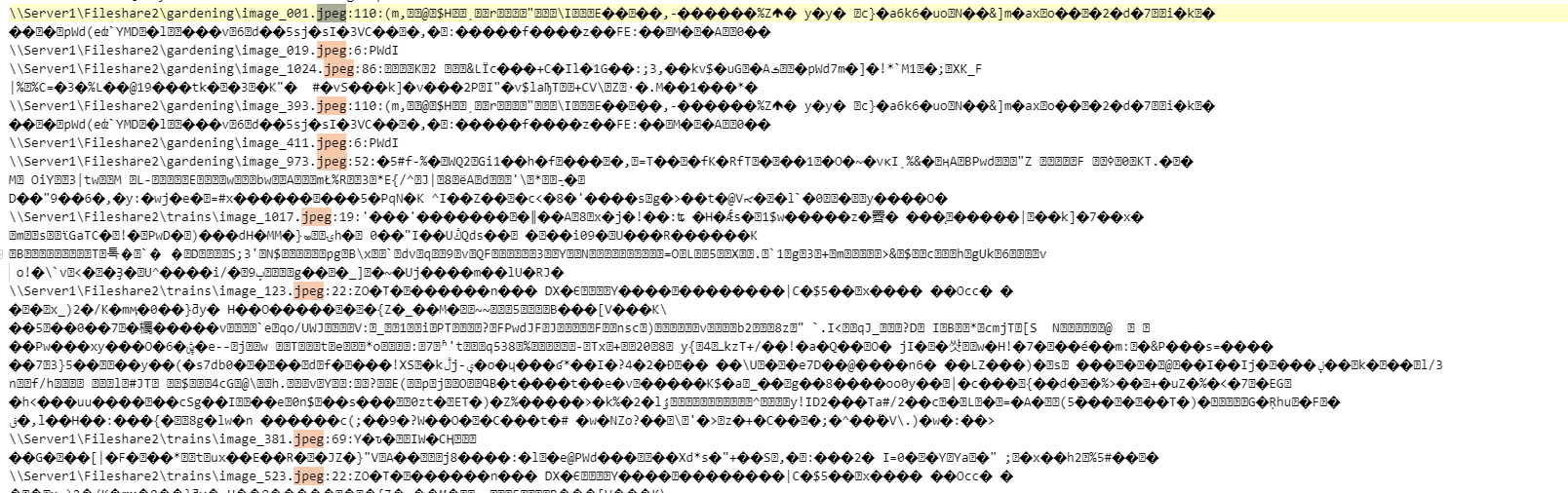
**“Get-ChildItem -Path “<path to file>” - Recurse | Select-String -Pattern <keyword to search for>”**

was used. In order to automate this process, a Powershell script was used. See Figure 22 for an example of this Powershell script.



*Figure 22 - The Powershell script used to search for passwords in shares.*

Once the script finished running, there were several files returned, such as images, and text files. An image with what appeared to be a password policy was returned. See Figure 23 for an example of the list of images returned, Figure 24 for an example of a list of text files returned, and Figure 25 for an example of the password policy found.



*Figure 23 - A list of images returned by the Powershell script.*

A screen shot of a computer

Description automatically generated

*Figure 24 - A list of text files returned by the Powershell script.*

A screenshot of a computer code

Description automatically generated

*Figure 25 - The password policy found by the Powershell script.*

These files were transferred to a Kali Linux virtual machine for further examination. First, the

**“cat”**

command was used in the terminal to attempt to read any information in the files. This did not return anything. To mass examine the files for any information, “Binwalk” was used. Binwalk is a tool used to investigate files for any information hidden inside them (Kali Linux, 2023). After the files were run through Binwalk, it was found that there was no data hidden inside them. See Appendix L for the full output after running Binwalk.

### 2.5.5 Exploiting Services Running

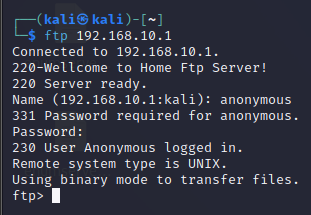
This part of the test involves actively attempting to exploit previously found services running on the target.

#### 2.5.5.1 FTP

The first service to be tested was the previously found FTP server running on port 21 of Server1. This was done using a Kali Linux virtual machine. The command:

**“ftp 192.168.10.1”**

was used to connect to the FTP server. With a little research, it was found that the username and password of “anonymous” can connect to FTP servers, if this is not disabled (Lanaro, 2021). This was tested and was successful. See Figure 26 for an example of the successful connection to the FTP server.

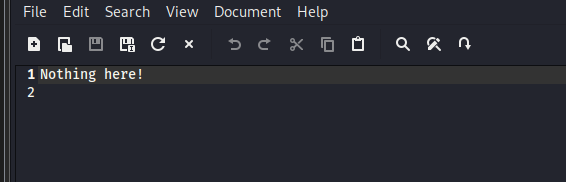


*Figure 26 - Successful connection to the FTP server*

After access was gained to the FTP server, the

**“ls”**

command was used to get a list of the files held in the current directory of the server. After some searching, a file named “DefaultFTP.txt” was found. This file was downloaded. The file contained the words “nothing here!”, and was run through “stegsnow”, a tool used to extract hidden messages from text files (Kali Linux, 2023), but nothing was found. See Figure 27 for an example of the text file.



*Figure 27 - The discovered text file from the FTP server*

#### 2.5.5.2 SSH

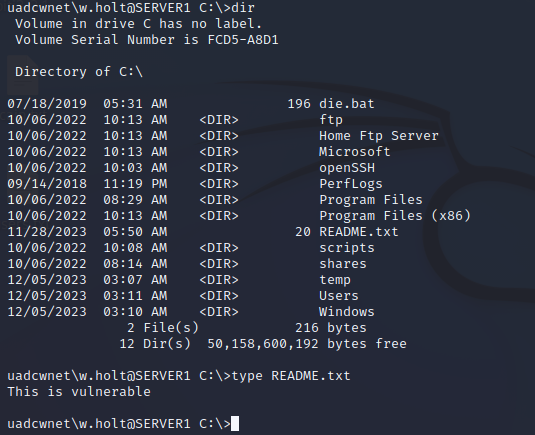
Next, the previously found SSH server running on port 22 of both Server1 and Server2 was tested. To do this, the command:

**“ssh** [**W.Holt@192.168.10.1**](about:blank)**”**

was used to connect to the server, and

**“interception”**

was entered as the password when prompted. This was successful and access was gained to the SSH server. To prove access was gained, a text file containing “This is vulnerable” was created. See Figure 28 for an example of this.



*Figure 28 - The SSH server with the created file*

### 2.5.6 Exploiting Vulnerabilities

This part of the test focused on attempting to exploit vulnerabilities found on the target.

#### 2.5.6.1 Verb Tampering

The first vulnerability to be tested was the Verb Tampering vulnerability found by nmap on port 2033 on Server2. Unfortunately, attempts to even connect to port 2033 were unsuccessful. An attempt to use “curl” in a terminal on a Kali Linux virtual machine to connect to the port was made, but this was also unsuccessful.

#### 2.5.6.2 Rejetto Exploit

It was found that the “httpfileserver” running on port 80 of Server1 was vulnerable. After some research, it was found that the file server was running on something called “Rejetto”, and a vulnerability was quickly found using the Metasploit framework on a Kali Linux virtual machine. See Figure 29 for an example of the vulnerability found on the Metasploit framework.A screen shot of a computer

Description automatically generated

*Figure 29 - The vulnerability found on the Metasploit framework.*

This exploit was selected, and the correct parameters were set. LHOST was set to the IP address of the Kali Linux virtual machine, and RHOST was set to the IP address of the target. The exploit was then executed and, after a short time, a meterpreter shell was opened on the target. See Figure 30 for an example of this.

A computer screen shot of a computer code

Description automatically generated

*Figure 30 - The output from running the exploit.*

This gave access to the C: drive on the target. See Figure 31 for an example of this.

A screenshot of a computer screen

Description automatically generated

*Figure 31 - The C: drive accessed through meterpreter.*

A command prompt was able to be opened, giving further access to the target. Finally, the

**“clearev”**

command was used to hide any record of access to the target. See Figure 32 for an example of this.

A screen shot of a computer

Description automatically generated

*Figure 32 - Deleting any trace of access to the target using clearev.*

#### 2.5.6.3 DNSAdmins

The final part of the test looked at trying to use W.Holt, a user who was part of the DnsAdmins group, to obtain a higher level of permissions on the target. A command prompt was opened on a Windows machine and the command:

**“net user W.Holt /domain”**

was used to verify this, but

**“system error 1355”**

was returned and any further attempts to exploit the DnsAdmins group were unsuccessful as

**“the domain could not be found”.**

# Discussion

## 3.1 General Discussion

Overall, the network tested was insecure . There were many vulnerabilities discovered and, even though not all were able to be exploited in this instance, they still need to be looked at. The sheer volume of information obtained with no - or basic level - credentials that would give an attacker at least a foothold into the system cannot be overstated. Many services running were vulnerable and outdated, and easily exploitable. The password policy found is far from ideal and has no real security measures and, if given to an attacker, would be able to assist in attacking the system. A password was stored in the description of an account which is a huge security flaw. In addition to this, the vulnerability scans reported several vulnerabilities, many of them “critical” or “high”, and access to the system was gained far too easily to be considered by any means secure. Revisions to this system are necessary.

## 3.2 Scanning Discussion

The TCP scans run on Server1 and Server2 returned information that could be used to find out more about the target of the penetration test. Server1 was found to be running an FTP server, used for transferring files, which could be obtained by an attacker if not secure. Both Server1 and Server2 were found to be running openSSH for Windows 8.6, which suggests that both servers were running a distribution of Windows 8. The operating system is useful knowledge for an attacker, as they can then find vulnerabilities specific to what operating system is running. It was found that Server1 and Server2 were running an SSH server on port 22. SSH is a method of remotely connecting to other machines, and servers can be very easily connected to if the user has a valid username, IP address, and password. If an attacker gains these credentials, they could access the target’s machine. Both servers were also found to be running DNS servers on port 53 using Simple DNS Plus, a DNS service specific to Windows. This further suggests that the target servers were running Windows. If DNS servers are misconfigured, a DNS “zone transfer” can be attempted. If the servers are misconfigured, carrying out a DNS zone transfer will display information held in the DNS servers, which is usually important information relating to the network configuration of the server. If an attacker gets hold of this information, it can aid them in attacking the server. Fortunately, in this case, neither of the servers had DNS misconfigurations. Port 80 on Server1 was found to be running an ArgoSoft mail server, which is what appears to be an email service. The scan reported that the service version is 1.8.2.9, which is not the latest version (ArGo Software Design, 2022), and using outdated version of services is not secure. Port 88 on Server1 and Server2 were found to be for Kerberos, an authorisation service run on Active Directory which is vulnerable to “Kerberoasting”, a method used by attackers to guess a user’s password and then use that password to disguise themselves as a verified user (Brown, 2023). Port 90 on Server1 and Server2 and port 5985 on Server1 were found to be running an open HTTP server. Attacks such as directory traversal could be carried out on open HTTP servers. Port 90 on both servers was found to be running PHP 5.6.30. This is not the latest version, and running an outdated version could be very insecure and it’s always recommended to make sure all services are fully updated to the latest version (php.net, 2023). Server1 and Server2 were running Port 445, used for SMB, which is a helpful service for users to obtain files, but could also be abused by an attacker, who could also gain access to those files (Globyte, 2023). Server2 was found to be running a file management server via http on port 2033. This could be potentially compromised by attackers, who could gain access to the files held on the server.

As well as the results returned by the TCP scan, the UDP scan provided some information relating to the target. As with the TCP scan, port 53 on both servers were running Simple DNS Plus, both servers were using Kerberos on port 88, and both servers were running SNMP on port 161. On both servers, port 161 was “filtered”, suggesting that there was a firewall active.

## Enumeration Discussion

### DNS Enumeration Discussion

As previously mentioned, DNS zone transfers were attempted using the DNS servers found in the scanning phase to show all the stored DNS records, but these were unsuccessful. This is good, as it suggests that the found DNS servers are not misconfigured.

### SMB Enumeration Discussion

The list of shares returned by Smbmap included some with the “$” symbol at the end. This means that those shares are hidden and should not be available to be seen. This suggests that those shares, which were found in the enumeration phase, may contain sensitive information that should not be seen by every user on the target domain. The exception to this is “IPC$”, as this is a share automatically created by Windows. If an attacker were to obtain any hidden shares, such as “ADMIN$”, they may be able to use these to their advantage and gain a foothold into the system.

The information returned by RPCclient could prove very useful to an attacker, especially information like the SID of each user. The SID gives information to users’ roles on the system, for instance a SID ending in 500 means that user is an administrator on the network. An attacker could also use the username returned by the “queryuser 500” to their advantage in conjunction with the SID, as the username returned from this command is the username of the Administrator.

The password policy returned by Polenum could be a huge advantage to an attacker, as this would allow the attacker to strategically work out how to attempt password cracking attacks, if they so desired. Looking at the results provided by Polenum for this specific target, password cracking would be very simple to an attacker. The minimum password length for the target was found to be seven – passwords should ideally be a minimum of eight characters long. The password history was found to be set to 24; this is good as it prevents users from reusing their last 24 passwords. The maximum password age was found to be 136 days, 23 hours, and 58 minutes. This is roughly four and half months and could be reduced to require passwords to be changed more often and therefore improve security. The password complexity flag was found to be 010000, and this means that the “Domain Password Store Cleartext” option is enabled. This is strongly unrecommended as it means that passwords are not stored with any form of encryption or hashing and are available for anyone to read. The flag also means that password change requests cannot be refused, which suggests passwords can be changed at any time. For security, this should not be in place. It was found that administrator accounts will not be locked out after going over the incorrect password attempt threshold. This should not be the case as it makes it far easier for attackers to “brute force” administrator accounts as there will be no limit on the number of times that a username and password combination can be attempted. It was found that the minimum time before a password can be changed is one day and four minutes. This is good as it means that passwords cannot be changed immediately. It was found that the “Reset Account Lockout Counter” was not set. This is not secure, as it means that there is no limit as to how many passwords can be tried when attempting to crack a user’s password. The “Locked Account Duration” was also not set. This is not secure as it means an account will not be locked after too many incorrect password attempts, making it even easier for an attacker to attempt to crack a user’s password. The “Forced Log off Time” was found to be not set. This is not secure, as it suggests that company files or shares could be accessed outside of working hours, giving an attacker an opportunity to gain access to the target at any given time.

Enum4linux returned several important pieces of information that could be used by an attacker to aid them in gaining access to the system. One piece of information returned by Enum4linux would give an attacker a monumental advantage, and that is the description of the account for Holly McLaughlin. The information returned contained the name, username, and account description for each user on the domain and the account description for Holly Mclaughlin was “pwd: trainmen63”. This is incredibly insecure, as the user’s password is plain for an attacker to see in the account description. See Appendix M for a full output of enum4linux.

### Snmp Enumeration

There was no information returned by snmp-check. This suggests that the public string is disabled. This is good, as otherwise information about the network could be returned to an attacker (DNSstuff, 2020).

### HTTP Enumeration Discussion

The nmap scans to enumerate the discovered HTTP servers running returned some useful information about the structure of each website. In this case, the “js” folder was particularly interesting. This folder contained the JavaScript files running on the servers. If an attacker got hold of these, they could potentially use these to their advantage. It was found that port 2033 was closed.

## Vulnerability Scanning Discussion

### Nessus Discussion

After running the vulnerability scans on Nessus, critical, high, medium, and low-level vulnerabilities were returned. Most critical and high-level vulnerabilities on bother servers were PHP vulnerabilities. Nessus also returned a stack overflow, DoS, and remote code execution vulnerability for both servers. In essence, both servers are vulnerable to attacks. It should be noted that for thoroughness, the Nessus scan was run again using administrator credentials found in the system hacking phase. See Appendix N for the output gained after running Nessus with administrator credentials.

### Nmap

The nmap scan for Server1 returned no vulnerabilities. The scan for Server2, however, returned a few vulnerabilities. It returned that port 90 on Server2, potentially open to a “DOS” attack, where attackers attempt to bring services offline by overwhelming the target server with requests. It was also found that port 2033 was vulnerable to “Authentication bypass by HTTP verb tampering”. This means that the service running on port 2033 is likely to be set up incorrectly (Meier, 2022). An attempt to exploit this vulnerability was made, but the port could not be connected to. Even though the attempt to exploit this was unsuccessful, it should be noted that this still may be vulnerable and should be looked at. The nmap scan also reported that, in relation to the verb tampering vulnerability, the “/~login” URL was suspected to be vulnerable to verb tampering. The scan report noted that port 2033 was likely vulnerable to different types of DOS attacks. Again, it should be noted that, even though attempts to connect were unsuccessful, this port could still be vulnerable and should be reevaluated.

## 3.5 System Hacking Discussion

Four of the administrator account’s passwords were cracked by hydra. This suggests the passwords used are not strong passwords.

When obtaining the password hashes, the exploit to gain access to the hashes worked without having to disable the antivirus on the target. This is very alarming, as is suggests that the antivirus is disabled, and this should never be the case.

When using Cain to crack the hashes, 37 out of 52 passwords were cracked. This suggests these passwords are not strong enough. A further password was cracked using rainbow tables, reinforcing the suggestion that the current passwords in use are not strong enough.

When using net use to gain access, there were no issues and full access to the system was easily gained. If an attacker did this, the system could be totally destroyed if they had a good knowledge of how computer systems worked, for example. When PsExec was used to gain access, full access was obtained easily again. PsExec and net use are both legitimate tools used in many networks and systems, so these could be tricky to defend against.

When searching for passwords in shares, several files were returned by the Powershell script, but none showed any information hidden when run through Binwalk. However, this does not mean that there is not any information inside those files, and this should be taken into consideration.

When attempting to connect to the FTP server, the username and password of “anonymous”, were successfully used to gain access. This suggests that a feature on the server that allows anonymous users to log in has been enabled, which is not secure.

When attempting to connect to the SSH server, credentials gained in the system hacking phase were successful in granting access to the server. Once connected to the server, access was granted with administrator level permissions, and full access to the server was obtained. This suggests that using the SSH protocol to store important information is not secure.

When attempting to exploit the Verb Tampering exploit on port 2033, connection was refused. Curl was used to attempt to connect, but connection was still refused. This does not mean that this is not vulnerable and should be evaluated. When looking for potential vulnerabilities on to exploit, the Rejetto exploit was found quickly. This suggests that the Rejetto file server is not secure and should not be used as a file server. Finally, attempts to exploit the DnsAdmins group on the domain were unsuccessful. This is good, as it suggests that Active Directory is not misconfigured.

## 3.7 Countermeasures

There are some countermeasures that can be carried out to make this system more secure. First, the Windows OS could be updated to the most recent version. It was found that the target was running Windows 8, which is unsupported and, as such, it will not receive any more updates which means that any vulnerabilities found will not be fixed. Similarly, the vulnerability scans returned many unsupported PHP vulnerabilities. Again, this means that there will be no more updates and any vulnerabilities found will not be patched. This issue could be rectified by updating to the latest version of PHP. Thirdly, a password was found in the description of an account. A simple but crucial fix would be to remove this from the description. In addition to this, access was gained far too easily to the system using cracked passwords using Hydra and Rainbow Tables. Both issues could be fixed. To avoid cracked passwords from tools such as Hydra, stronger and more complex passwords could be required in the password policy. To avoid Rainbow Table attacks, passwords could be salted. Salting passwords adds an extra level of security along with hashing, and this hugely decreases the risk of being cracked by Rainbow Tables. This is because more characters are added to passwords before hashing, making it harder to crack, even if two passwords are the same (Bocetta, 2022). To avoid the file server being exploited, a more secure and up to date server could be used instead of Rejetto which, after some research, appears to be extremely vulnerable. To avoid being able to log into the FTP server with the anonymous credentials, the feature to allow anonymous logins should be disabled. To avoid the SSH server being accessed by unwanted personnel, this would again require either using a more secure service or having better password protection.

## 3.7 Future Work

Given more time and resources, and a better knowledge of Meterpreter, more vulnerabilities could have been exploited and in different ways. With a better understanding of Active Directory, more tests for misconfigurations could have been performed, such as Kerberoasting. If brute forcing the passwords was unsuccessful, other password cracking methods, such as password spraying, could have been attempted.

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# Appendices

## Appendix A

Nmap scan report for 192.168.10.1

Host is up, received arp-response (0.00071s latency).

Scanned at 2023-11-02 13:03:12 GMT Standard Time for 2959s

Not shown: 65500 filtered tcp ports (no-response)

PORT      STATE SERVICE       REASON  VERSION

21/tcp    open  ftp           syn-ack

|\_banner: 220-Wellcome to Home Ftp Server!\x0D\x0A220 Server ready.

| fingerprint-strings:

|   GenericLines:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|     command not understood.

|     command not understood.

|   Help:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|     'HELP': command not understood.

|   NULL, SMBProgNeg:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|   SSLSessionReq:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|\_    command not understood.

22/tcp    open  ssh           syn-ack OpenSSH for\_Windows\_8.6 (protocol 2.0)

|\_banner: SSH-2.0-OpenSSH\_for\_Windows\_8.6

25/tcp    open  smtp          syn-ack ArGoSoft Freeware smtpd 1.8.2.9

|\_banner: 220 ArGoSoft Mail Server Freeware, Version 1.8 (1.8.2.9)

53/tcp    open  domain        syn-ack Simple DNS Plus

79/tcp    open  finger?       syn-ack

| fingerprint-strings:

|   FourOhFourRequest:

|     This is finger server

|     Sorry, user GET /nice%20ports%2C/Tri%6Eity.txt%2ebak HTTP/1.0 not found

|   GenericLines:

|     This is finger server

|   GetRequest:

|     This is finger server

|     Sorry, user GET / HTTP/1.0 not found

|   HTTPOptions:

|     This is finger server

|     Sorry, user OPTIONS / HTTP/1.0 not found

|   Help:

|     This is finger server

|     Sorry, user HELP not found

|   LPDString:

|     This is finger server

|     Sorry, user

|     default not found

|   RTSPRequest:

|     This is finger server

|\_    Sorry, user OPTIONS / RTSP/1.0 not found

80/tcp    open  http          syn-ack ArGoSoft Mail Server Freeware httpd 1.8.2.9

|\_http-server-header: ArGoSoft Mail Server Freeware, Version 1.8 (1.8.2.9)

88/tcp    open  kerberos-sec  syn-ack Microsoft Windows Kerberos (server time: 2023-11-02 13:49:57Z)

90/tcp    open  http          syn-ack Apache httpd (PHP 5.6.30)

|\_http-server-header: Apache

110/tcp   open  pop3          syn-ack ArGoSoft freeware pop3d 1.8.2.9

|\_banner: +OK ArGoSoft Mail Server Freeware, Version 1.8 (1.8.2.9)

135/tcp   open  msrpc         syn-ack Microsoft Windows RPC

139/tcp   open  netbios-ssn   syn-ack Microsoft Windows netbios-ssn

389/tcp   open  ldap          syn-ack Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

445/tcp   open  microsoft-ds  syn-ack Microsoft Windows Server 2008 R2 - 2012 microsoft-ds (workgroup: UADCWNET)

464/tcp   open  kpasswd5?     syn-ack

593/tcp   open  ncacn\_http    syn-ack Microsoft Windows RPC over HTTP 1.0

|\_banner: ncacn\_http/1.0

636/tcp   open  tcpwrapped    syn-ack

2025/tcp  open  http          syn-ack HttpFileServer httpd 2.3

|\_http-server-header: HFS 2.3

3268/tcp  open  ldap          syn-ack Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

3269/tcp  open  tcpwrapped    syn-ack

3389/tcp  open  ms-wbt-server syn-ack Microsoft Terminal Services

5985/tcp  open  http          syn-ack Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-server-header: Microsoft-HTTPAPI/2.0

9389/tcp  open  mc-nmf        syn-ack .NET Message Framing

47001/tcp open  http          syn-ack Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-server-header: Microsoft-HTTPAPI/2.0

49664/tcp open  msrpc         syn-ack Microsoft Windows RPC

49665/tcp open  msrpc         syn-ack Microsoft Windows RPC

49666/tcp open  msrpc         syn-ack Microsoft Windows RPC

49667/tcp open  msrpc         syn-ack Microsoft Windows RPC

49671/tcp open  msrpc         syn-ack Microsoft Windows RPC

49674/tcp open  msrpc         syn-ack Microsoft Windows RPC

49675/tcp open  ncacn\_http    syn-ack Microsoft Windows RPC over HTTP 1.0

|\_banner: ncacn\_http/1.0

49676/tcp open  msrpc         syn-ack Microsoft Windows RPC

49679/tcp open  msrpc         syn-ack Microsoft Windows RPC

49683/tcp open  msrpc         syn-ack Microsoft Windows RPC

49695/tcp open  msrpc         syn-ack Microsoft Windows RPC

49745/tcp open  msrpc         syn-ack Microsoft Windows RPC

2 services unrecognized despite returning data. If you know the service/version, please submit the following fingerprints at https://nmap.org/cgi-bin/submit.cgi?new-service :

==============NEXT SERVICE FINGERPRINT (SUBMIT INDIVIDUALLY)==============

SF-Port21-TCP:V=7.93%I=7%D=11/2%Time=6543A905%P=i686-pc-windows-windows%r(

SF:NULL,35,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220\x20Server\

SF:x20ready\.\r\n")%r(GenericLines,79,"220-Wellcome\x20to\x20Home\x20Ftp\x

SF:20Server!\r\n220\x20Server\x20ready\.\r\n500\x20'\r':\x20command\x20not

SF:\x20understood\.\r\n500\x20'\r':\x20command\x20not\x20understood\.\r\n"

SF:)%r(Help,5A,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220\x20Ser

SF:ver\x20ready\.\r\n500\x20'HELP':\x20command\x20not\x20understood\.\r\n"

SF:)%r(SSLSessionReq,89,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n2

SF:20\x20Server\x20ready\.\r\n500\x20'\x16\x03\0\0S\x01\0\0O\x03\0\?G\xd7\

SF:xf7\xba,\xee\xea\xb2`~\xf3\0\xfd\x82{\xb9\xd5\x96\xc8w\x9b\xe6\xc4\xdb<

SF:=\xdbo\xef\x10n\0\0\(\0\x16\0\x13\0':\x20command\x20not\x20understood\.

SF:\r\n")%r(SMBProgNeg,35,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\

SF:n220\x20Server\x20ready\.\r\n");

==============NEXT SERVICE FINGERPRINT (SUBMIT INDIVIDUALLY)==============

SF-Port79-TCP:V=7.93%I=7%D=11/2%Time=6543A90A%P=i686-pc-windows-windows%r(

SF:GenericLines,19,"This\x20is\x20finger\x20server\r\n\r\n")%r(GetRequest,

SF:3F,"This\x20is\x20finger\x20server\r\n\r\nSorry,\x20user\x20GET\x20/\x2

SF:0HTTP/1\.0\x20not\x20found\r\n")%r(Help,35,"This\x20is\x20finger\x20ser

SF:ver\r\n\r\nSorry,\x20user\x20HELP\x20not\x20found\r\n")%r(HTTPOptions,4

SF:3,"This\x20is\x20finger\x20server\r\n\r\nSorry,\x20user\x20OPTIONS\x20/

SF:\x20HTTP/1\.0\x20not\x20found\r\n")%r(RTSPRequest,43,"This\x20is\x20fin

SF:ger\x20server\r\n\r\nSorry,\x20user\x20OPTIONS\x20/\x20RTSP/1\.0\x20not

SF:\x20found\r\n")%r(FourOhFourRequest,62,"This\x20is\x20finger\x20server\

SF:r\n\r\nSorry,\x20user\x20GET\x20/nice%20ports%2C/Tri%6Eity\.txt%2ebak\x

SF:20HTTP/1\.0\x20not\x20found\r\n")%r(LPDString,39,"This\x20is\x20finger\

SF:x20server\r\n\r\nSorry,\x20user\x20\x01default\x20not\x20found\r\n");

MAC Address: 00:0C:29:2B:C5:7C (VMware)

Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port

OS fingerprint not ideal because: Missing a closed TCP port so results incomplete

Aggressive OS guesses: Microsoft Windows 10 1709 - 1909 (96%), Microsoft Windows 10 1709 - 1803 (94%), Microsoft Windows Server 2012 (92%), Microsoft Windows Longhorn (92%), Microsoft Windows Vista SP1 (92%), Microsoft Windows Server 2012 R2 Update 1 (91%), Microsoft Windows Server 2016 build 10586 - 14393 (91%), Microsoft Windows 7, Windows Server 2012, or Windows 8.1 Update 1 (91%), Microsoft Windows Server 2016 (91%), Microsoft Windows 10 1703 (91%)

No exact OS matches for host (test conditions non-ideal).

TCP/IP fingerprint:

SCAN(V=7.93%E=4%D=11/2%OT=21%CT=%CU=37632%PV=Y%DS=1%DC=D%G=N%M=000C29%TM=6543A99F%P=i686-pc-windows-windows)

SEQ(SP=104%GCD=1%ISR=106%TI=I%CI=I%II=I%SS=S%TS=U)

OPS(O1=M5B4NW8NNS%O2=M5B4NW8NNS%O3=M5B4NW8%O4=M5B4NW8NNS%O5=M5B4NW8NNS%O6=M5B4NNS)

WIN(W1=FFFF%W2=FFFF%W3=FFFF%W4=FFFF%W5=FFFF%W6=FF70)

ECN(R=Y%DF=Y%T=80%W=FFFF%O=M5B4NW8NNS%CC=Y%Q=)

T1(R=Y%DF=Y%T=80%S=O%A=S+%F=AS%RD=0%Q=)

T2(R=Y%DF=Y%T=80%W=0%S=Z%A=S%F=AR%O=%RD=0%Q=)

T3(R=Y%DF=Y%T=80%W=0%S=Z%A=O%F=AR%O=%RD=0%Q=)

T4(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)

T5(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)

T6(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)

T7(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)

U1(R=Y%DF=N%T=80%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)

IE(R=Y%DFI=N%T=80%CD=Z)

Network Distance: 1 hop

TCP Sequence Prediction: Difficulty=260 (Good luck!)

IP ID Sequence Generation: Incremental

Service Info: Hosts: Wellcome, SERVER1; OS: Windows; CPE: cpe:/o:microsoft:windows

## Appendix B

Nmap scan report for 192.168.10.2

Host is up, received arp-response (0.00037s latency).

Scanned at 2023-11-02 13:04:38 GMT Standard Time for 2892s

Not shown: 65505 filtered tcp ports (no-response)

PORT      STATE SERVICE       REASON  VERSION

22/tcp    open  ssh           syn-ack OpenSSH for\_Windows\_8.6 (protocol 2.0)

|\_banner: SSH-2.0-OpenSSH\_for\_Windows\_8.6

53/tcp    open  domain        syn-ack Simple DNS Plus

88/tcp    open  kerberos-sec  syn-ack Microsoft Windows Kerberos (server time: 2023-11-02 13:51:23Z)

90/tcp    open  http          syn-ack Apache httpd (PHP 5.6.30)

|\_http-server-header: Apache

135/tcp   open  msrpc         syn-ack Microsoft Windows RPC

139/tcp   open  netbios-ssn   syn-ack Microsoft Windows netbios-ssn

389/tcp   open  ldap          syn-ack Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

445/tcp   open  microsoft-ds? syn-ack

464/tcp   open  kpasswd5?     syn-ack

593/tcp   open  ncacn\_http    syn-ack Microsoft Windows RPC over HTTP 1.0

|\_banner: ncacn\_http/1.0

636/tcp   open  tcpwrapped    syn-ack

2033/tcp  open  http          syn-ack HttpFileServer httpd 2.3

|\_http-server-header: HFS 2.3

3268/tcp  open  ldap          syn-ack Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

3269/tcp  open  tcpwrapped    syn-ack

3389/tcp  open  ms-wbt-server syn-ack Microsoft Terminal Services

5985/tcp  open  http          syn-ack Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-server-header: Microsoft-HTTPAPI/2.0

9389/tcp  open  mc-nmf        syn-ack .NET Message Framing

47001/tcp open  http          syn-ack Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-server-header: Microsoft-HTTPAPI/2.0

49664/tcp open  msrpc         syn-ack Microsoft Windows RPC

49665/tcp open  msrpc         syn-ack Microsoft Windows RPC

49666/tcp open  msrpc         syn-ack Microsoft Windows RPC

49668/tcp open  msrpc         syn-ack Microsoft Windows RPC

49671/tcp open  msrpc         syn-ack Microsoft Windows RPC

49674/tcp open  msrpc         syn-ack Microsoft Windows RPC

49675/tcp open  ncacn\_http    syn-ack Microsoft Windows RPC over HTTP 1.0

|\_banner: ncacn\_http/1.0

49677/tcp open  msrpc         syn-ack Microsoft Windows RPC

49680/tcp open  msrpc         syn-ack Microsoft Windows RPC

49685/tcp open  msrpc         syn-ack Microsoft Windows RPC

49714/tcp open  msrpc         syn-ack Microsoft Windows RPC

62350/tcp open  msrpc         syn-ack Microsoft Windows RPC

MAC Address: 00:0C:29:76:0F:1F (VMware)

Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port

OS fingerprint not ideal because: Missing a closed TCP port so results incomplete

Aggressive OS guesses: Microsoft Windows 10 1709 - 1909 (97%), Microsoft Windows 10 1709 - 1803 (94%), Microsoft Windows Longhorn (92%), Microsoft Windows Server 2012 (92%), Microsoft Windows Vista SP1 (92%), Microsoft Windows Server 2016 build 10586 - 14393 (91%), Microsoft Windows 7, Windows Server 2012, or Windows 8.1 Update 1 (91%), Microsoft Windows 10 1703 (91%), Microsoft Windows 10 1809 - 1909 (91%), Microsoft Windows Server 2012 R2 (91%)

No exact OS matches for host (test conditions non-ideal).

TCP/IP fingerprint:

SCAN(V=7.93%E=4%D=11/2%OT=22%CT=%CU=35892%PV=Y%DS=1%DC=D%G=N%M=000C29%TM=6543A9B2%P=i686-pc-windows-windows)

SEQ(SP=107%GCD=1%ISR=107%TI=I%CI=I%II=I%SS=S%TS=U)

OPS(O1=M5B4NW8NNS%O2=M5B4NW8NNS%O3=M5B4NW8%O4=M5B4NW8NNS%O5=M5B4NW8NNS%O6=M5B4NNS)

WIN(W1=FFFF%W2=FFFF%W3=FFFF%W4=FFFF%W5=FFFF%W6=FF70)

ECN(R=Y%DF=Y%T=80%W=FFFF%O=M5B4NW8NNS%CC=Y%Q=)

T1(R=Y%DF=Y%T=80%S=O%A=S+%F=AS%RD=0%Q=)

T2(R=Y%DF=Y%T=80%W=0%S=Z%A=S%F=AR%O=%RD=0%Q=)

T3(R=Y%DF=Y%T=80%W=0%S=Z%A=O%F=AR%O=%RD=0%Q=)

T4(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)

T5(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)

T6(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)

T7(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)

U1(R=Y%DF=N%T=80%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)

IE(R=Y%DFI=N%T=80%CD=Z)

Network Distance: 1 hop

TCP Sequence Prediction: Difficulty=262 (Good luck!)

IP ID Sequence Generation: Incremental

Service Info: Host: SERVER2; OS: Windows; CPE: cpe:/o:microsoft:windows

## Appendix C

user:[Administrator] rid:[0x1f4]

user:[Guest] rid:[0x1f5]

user:[krbtgt] rid:[0x1f6]

user:[test] rid:[0x455]

user:[K.Thompson] rid:[0xa29]

user:[V.Nelson] rid:[0xa2a]

user:[L.Gill] rid:[0xa2b]

user:[N.May] rid:[0xa2c]

user:[W.Holt] rid:[0xa2d]

user:[J.Wheeler] rid:[0xa2e]

user:[F.Payne] rid:[0xa2f]

user:[T.Oliver] rid:[0xa30]

user:[J.Poole] rid:[0xa31]

user:[N.Wells] rid:[0xa32]

user:[N.Hogan] rid:[0xa33]

user:[M.Adams] rid:[0xa34]

user:[Y.Marshall] rid:[0xa35]

user:[W.Wolfe] rid:[0xa36]

user:[A.Kennedy] rid:[0xa37]

user:[T.Fuller] rid:[0xa38]

user:[L.Washington] rid:[0xa39]

user:[S.Shelton] rid:[0xa3a]

user:[J.Farmer] rid:[0xa3b]

user:[M.Paul] rid:[0xa3c]

user:[B.Wong] rid:[0xa3d]

user:[D.Ford] rid:[0xa3e]

user:[M.Daniel] rid:[0xa3f]

user:[D.Brooks] rid:[0xa40]

user:[B.Rice] rid:[0xa41]

user:[P.Powers] rid:[0xa42]

user:[S.Wright] rid:[0xa43]

user:[L.Williamson] rid:[0xa44]

user:[G.Malone] rid:[0xa45]

user:[M.Harrington] rid:[0xa46]

user:[H.Mclaughlin] rid:[0xa47]

user:[G.Turner] rid:[0xa48]

user:[P.Rodriquez] rid:[0xa49]

user:[L.Thornton] rid:[0xa4a]

user:[D.Murray] rid:[0xa4b]

user:[A.Peters] rid:[0xa4c]

user:[M.Padilla] rid:[0xa4d]

user:[J.Becker] rid:[0xa4e]

user:[K.Perkins] rid:[0xa4f]

user:[M.Murphy] rid:[0xa50]

user:[S.Higgins] rid:[0xa51]

user:[B.Lewis] rid:[0xa52]

user:[F.Sanders] rid:[0xa53]

user:[R.Soto] rid:[0xa54]

user:[I.Robinson] rid:[0xa55]

user:[B.Yates] rid:[0xa56]

user:[E.Frazier] rid:[0xa57]

user:[G.Francis] rid:[0xa58]

user:[J.Shaw] rid:[0xa59]

user:[G.Adkins] rid:[0xa5a]

## Appendix D

group:[Server Operators] rid:[0x225]

group:[Account Operators] rid:[0x224]

group:[Pre-Windows 2000 Compatible Access] rid:[0x22a]

group:[Incoming Forest Trust Builders] rid:[0x22d]

group:[Windows Authorization Access Group] rid:[0x230]

group:[Terminal Server License Servers] rid:[0x231]

group:[Administrators] rid:[0x220]

group:[Users] rid:[0x221]

group:[Guests] rid:[0x222]

group:[Print Operators] rid:[0x226]

group:[Backup Operators] rid:[0x227]

group:[Replicator] rid:[0x228]

group:[Remote Desktop Users] rid:[0x22b]

group:[Network Configuration Operators] rid:[0x22c]

group:[Performance Monitor Users] rid:[0x22e]

group:[Performance Log Users] rid:[0x22f]

group:[Distributed COM Users] rid:[0x232]

group:[IIS\_IUSRS] rid:[0x238]

group:[Cryptographic Operators] rid:[0x239]

group:[Event Log Readers] rid:[0x23d]

group:[Certificate Service DCOM Access] rid:[0x23e]

group:[RDS Remote Access Servers] rid:[0x23f]

group:[RDS Endpoint Servers] rid:[0x240]

group:[RDS Management Servers] rid:[0x241]

group:[Hyper-V Administrators] rid:[0x242]

group:[Access Control Assistance Operators] rid:[0x243]

group:[Remote Management Users] rid:[0x244]

group:[Storage Replica Administrators] rid:[0x246]

## Appendix E

User Name   :   Administrator

        Full Name   :

        Home Drive  :

        Dir Drive   :

        Profile Path:

        Logon Script:

        Description :   Built-in account for administering the computer/domain

        Workstations:

        Comment     :

        Remote Dial :

        Logon Time               :      Tue, 21 Nov 2023 05:32:07 EST

        Logoff Time              :      Wed, 31 Dec 1969 19:00:00 EST

        Kickoff Time             :      Wed, 31 Dec 1969 19:00:00 EST

        Password last set Time   :      Thu, 06 Oct 2022 14:03:17 EDT

        Password can change Time :      Fri, 07 Oct 2022 14:03:17 EDT

        Password must change Time:      Wed, 13 Sep 30828 22:48:05 EDT

        unknown\_2[0..31]...

        user\_rid :      0x1f4

        group\_rid:      0x201

        acb\_info :      0x00000210

        fields\_present: 0x00ffffff

        logon\_divs:     168

        bad\_password\_count:     0x00000000

        logon\_count:    0x00000038

        padding1[0..7]...

        logon\_hrs[0..21]...

## Appendix F

─$ nmap -sT -p 21,53,79,80,90,110,445,464,3389,5985 -A --script vuln 192.168.10.1

Starting Nmap 7.92 ( https://nmap.org ) at 2023-12-01 05:26 EST

Nmap scan report for 192.168.10.1

Host is up (0.00032s latency).

PORT     STATE SERVICE       VERSION

21/tcp   open  ftp

| fingerprint-strings:

|   GenericLines:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|     command not understood.

|     command not understood.

|   Help:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|     'HELP': command not understood.

|   NULL, SMBProgNeg:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|   SSLSessionReq:

|     220-Wellcome to Home Ftp Server!

|     Server ready.

|\_    command not understood.

53/tcp   open  domain        Simple DNS Plus

79/tcp   open  finger        ArGoSoft Mail fingerd

80/tcp   open  http          ArGoSoft Mail Server Freeware httpd 1.8.2.9

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-server-header: ArGoSoft Mail Server Freeware, Version 1.8 (1.8.2.9)

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

|\_http-dombased-xss: Couldn't find any DOM based XSS.

| http-fileupload-exploiter:

|

|     Couldn't find a file-type field.

|

|\_    Couldn't find a file-type field.

90/tcp   open  http          Apache httpd (PHP 5.6.30)

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

| http-enum:

|   /test.php: Test page

|   /css/: Potentially interesting folder w/ directory listing

|   /icons/: Potentially interesting folder w/ directory listing

|\_  /js/: Potentially interesting folder w/ directory listing

|\_http-trace: TRACE is enabled

|\_http-server-header: Apache

|\_http-vuln-cve2017-1001000: ERROR: Script execution failed (use -d to debug)

|\_http-dombased-xss: Couldn't find any DOM based XSS.

110/tcp  open  pop3          ArGoSoft freeware pop3d 1.8.2.9

445/tcp  open  microsoft-ds  Microsoft Windows Server 2008 R2 - 2012 microsoft-ds (workgroup: UADCWNET)

464/tcp  open  kpasswd5?

3389/tcp open  ms-wbt-server Microsoft Terminal Services

5985/tcp open  http          Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-dombased-xss: Couldn't find any DOM based XSS.

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-server-header: Microsoft-HTTPAPI/2.0

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :

SF-Port21-TCP:V=7.92%I=7%D=12/1%Time=6569B4F6%P=x86\_64-pc-linux-gnu%r(NULL

SF:,35,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220\x20Server\x20r

SF:eady\.\r\n")%r(GenericLines,79,"220-Wellcome\x20to\x20Home\x20Ftp\x20Se

SF:rver!\r\n220\x20Server\x20ready\.\r\n500\x20'\r':\x20command\x20not\x20

SF:understood\.\r\n500\x20'\r':\x20command\x20not\x20understood\.\r\n")%r(

SF:Help,5A,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220\x20Server\

SF:x20ready\.\r\n500\x20'HELP':\x20command\x20not\x20understood\.\r\n")%r(

SF:SSLSessionReq,89,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220\x

SF:20Server\x20ready\.\r\n500\x20'\x16\x03\0\0S\x01\0\0O\x03\0\?G\xd7\xf7\

SF:xba,\xee\xea\xb2`~\xf3\0\xfd\x82{\xb9\xd5\x96\xc8w\x9b\xe6\xc4\xdb<=\xd

SF:bo\xef\x10n\0\0\(\0\x16\0\x13\0':\x20command\x20not\x20understood\.\r\n

SF:")%r(SMBProgNeg,35,"220-Wellcome\x20to\x20Home\x20Ftp\x20Server!\r\n220

SF:\x20Server\x20ready\.\r\n");

Service Info: Hosts: Wellcome, SERVER1; OS: Windows; CPE: cpe:/o:microsoft:windows

Host script results:

|\_smb-vuln-ms10-054: false

|\_smb-vuln-ms10-061: NT\_STATUS\_ACCESS\_DENIED

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .

Nmap done: 1 IP address (1 host up) scanned in 3200.12 seconds

## Appendix G

tarting Nmap 7.92 ( https://nmap.org ) at 2023-11-28 06:45 EST

Nmap scan report for 192.168.10.2

Host is up (0.0010s latency).

Not shown: 65505 closed tcp ports (conn-refused)

PORT STATE SERVICE VERSION

22/tcp open ssh OpenSSH for\_Windows\_8.6 (protocol 2.0)

53/tcp open domain Simple DNS Plus

88/tcp open kerberos-sec Microsoft Windows Kerberos (server time: 2023-11-28 11:47:43Z)

90/tcp open http Apache httpd (PHP 5.6.30)

|\_http-dombased-xss: Couldn't find any DOM based XSS.

| http-slowloris-check:

| VULNERABLE:

| Slowloris DOS attack

| State: LIKELY VULNERABLE

| IDs: CVE:CVE-2007-6750

| Slowloris tries to keep many connections to the target web server open and hold

| them open as long as possible. It accomplishes this by opening connections to

| the target web server and sending a partial request. By doing so, it starves

| the http server's resources causing Denial Of Service.

|

| Disclosure date: 2009-09-17

| References:

| http://ha.ckers.org/slowloris/

|\_ https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2007-6750

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-trace: TRACE is enabled

|\_http-server-header: Apache

| http-cookie-flags:

| /:

| PHPSESSID:

|\_ httponly flag not set

| http-enum:

| /robots.txt: Robots file

| /cache/: Potentially interesting folder

| /icons/: Potentially interesting folder w/ directory listing

|\_ /includes/: Potentially interesting folder

135/tcp open msrpc Microsoft Windows RPC

139/tcp open netbios-ssn Microsoft Windows netbios-ssn

389/tcp open ldap Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

445/tcp open microsoft-ds?

464/tcp open kpasswd5?

593/tcp open ncacn\_http Microsoft Windows RPC over HTTP 1.0

636/tcp open tcpwrapped

2033/tcp open http HttpFileServer httpd 2.3

|\_http-server-header: HFS 2.3

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

| http-method-tamper:

| VULNERABLE:

| Authentication bypass by HTTP verb tampering

| State: VULNERABLE (Exploitable)

| This web server contains password protected resources vulnerable to authentication bypass

| vulnerabilities via HTTP verb tampering. This is often found in web servers that only limit access to the

| common HTTP methods and in misconfigured .htaccess files.

|

| Extra information:

|

| URIs suspected to be vulnerable to HTTP verb tampering:

| /~login [GENERIC]

|

| References:

| http://capec.mitre.org/data/definitions/274.html

| https://www.owasp.org/index.php/Testing\_for\_HTTP\_Methods\_and\_XST\_%28OWASP-CM-008%29

| http://www.imperva.com/resources/glossary/http\_verb\_tampering.html

|\_ http://www.mkit.com.ar/labs/htexploit/

| http-slowloris-check:

| VULNERABLE:

| Slowloris DOS attack

| State: LIKELY VULNERABLE

| IDs: CVE:CVE-2007-6750

| Slowloris tries to keep many connections to the target web server open and hold

| them open as long as possible. It accomplishes this by opening connections to

| the target web server and sending a partial request. By doing so, it starves

| the http server's resources causing Denial Of Service.

|

| Disclosure date: 2009-09-17

| References:

| http://ha.ckers.org/slowloris/

|\_ https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2007-6750

| http-fileupload-exploiter:

|

|\_ Couldn't find a file-type field.

|\_http-dombased-xss: Couldn't find any DOM based XSS.

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

| http-vuln-cve2011-3192:

| VULNERABLE:

| Apache byterange filter DoS

| State: VULNERABLE

| IDs: CVE:CVE-2011-3192 BID:49303

| The Apache web server is vulnerable to a denial of service attack when numerous

| overlapping byte ranges are requested.

| Disclosure date: 2011-08-19

| References:

| https://www.tenable.com/plugins/nessus/55976

| https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2011-3192

| https://seclists.org/fulldisclosure/2011/Aug/175

|\_ https://www.securityfocus.com/bid/49303

3268/tcp open ldap Microsoft Windows Active Directory LDAP (Domain: uadcwnet.com0., Site: Default-First-Site-Name)

3269/tcp open tcpwrapped

3389/tcp open ms-wbt-server Microsoft Terminal Services

5985/tcp open http Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-dombased-xss: Couldn't find any DOM based XSS.

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

|\_http-server-header: Microsoft-HTTPAPI/2.0

9389/tcp open mc-nmf .NET Message Framing

47001/tcp open http Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)

|\_http-server-header: Microsoft-HTTPAPI/2.0

|\_http-csrf: Couldn't find any CSRF vulnerabilities.

|\_http-dombased-xss: Couldn't find any DOM based XSS.

|\_http-stored-xss: Couldn't find any stored XSS vulnerabilities.

49664/tcp open msrpc Microsoft Windows RPC

49665/tcp open msrpc Microsoft Windows RPC

49666/tcp open msrpc Microsoft Windows RPC

49667/tcp open msrpc Microsoft Windows RPC

49671/tcp open msrpc Microsoft Windows RPC

49674/tcp open ncacn\_http Microsoft Windows RPC over HTTP 1.0

49675/tcp open msrpc Microsoft Windows RPC

49677/tcp open msrpc Microsoft Windows RPC

49680/tcp open msrpc Microsoft Windows RPC

49685/tcp open msrpc Microsoft Windows RPC

49712/tcp open msrpc Microsoft Windows RPC

57224/tcp open msrpc Microsoft Windows RPC

Service Info: Host: SERVER2; OS: Windows; CPE: cpe:/o:microsoft:windows

Host script results:

|\_smb-vuln-ms10-061: Could not negotiate a connection:SMB: Failed to receive bytes: ERROR

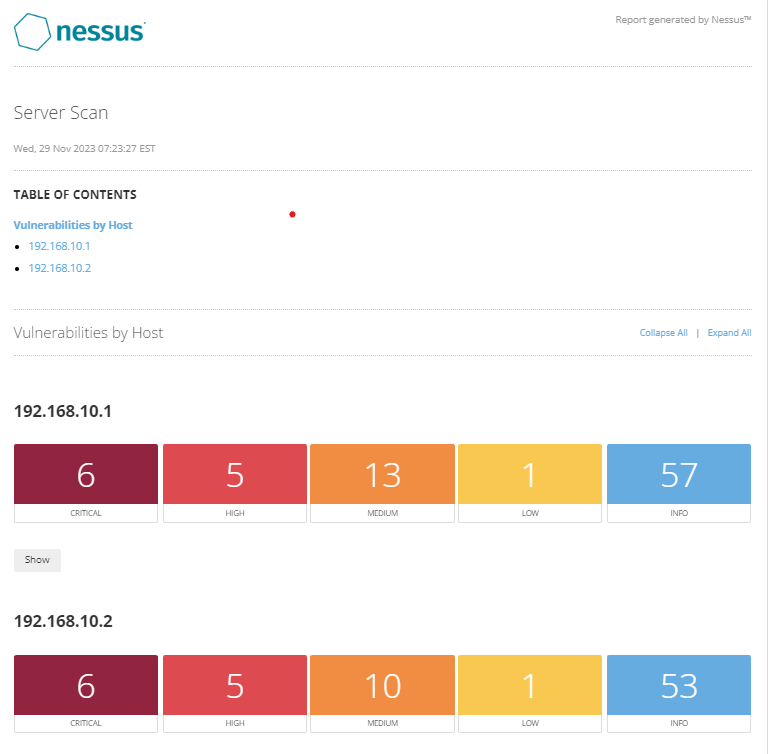
|\_smb-vuln-ms10-054: false

|\_samba-vuln-cve-2012-1182: Could not negotiate a connection:SMB: Failed to receive bytes: ERROR

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .

Nmap done: 1 IP address (1 host up) scanned in 702.41 seconds

## Appendix H



## Appendix I

Administrator:500:aad3b435b51404eeaad3b435b51404ee:b41c955faff3c48cf44f44496eec8ce7:::

Guest:501:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::

krbtgt:502:aad3b435b51404eeaad3b435b51404ee:ce5006f06fb238ecd9944cd8a34ff95a:::

test:1109:aad3b435b51404eeaad3b435b51404ee:c5a237b7e9d8e708d8436b6148a25fa1:::

K.Thompson:2601:aad3b435b51404eeaad3b435b51404ee:f7b2ce4dfda94a03e7e4fa03d7b16d27:::

V.Nelson:2602:aad3b435b51404eeaad3b435b51404ee:332701ea01d9803272418215824383df:::

L.Gill:2603:aad3b435b51404eeaad3b435b51404ee:a6bdffa3d65f01bba7e0e33e60ee342e:::

N.May:2604:aad3b435b51404eeaad3b435b51404ee:4589e3d003eb8903ea5b5e28f31ded19:::

W.Holt:2605:aad3b435b51404eeaad3b435b51404ee:080693ece73589f8b9f3f78663f91808:::

J.Wheeler:2606:aad3b435b51404eeaad3b435b51404ee:15a852e3c7c2ef83ad8242472ae9903a:::

F.Payne:2607:aad3b435b51404eeaad3b435b51404ee:108f91cfb6b0ab98fc1beb2e68e56159:::

T.Oliver:2608:aad3b435b51404eeaad3b435b51404ee:ac5b49f9a71be7feaa42a3222cd74b20:::

J.Poole:2609:aad3b435b51404eeaad3b435b51404ee:810325d1a8599ecb7d0540ac206ad5ec:::

N.Wells:2610:aad3b435b51404eeaad3b435b51404ee:688af8ea1b614bf680faba006ea3057c:::

N.Hogan:2611:aad3b435b51404eeaad3b435b51404ee:e3629de60204c91bfc82825f22275c31:::

M.Adams:2612:aad3b435b51404eeaad3b435b51404ee:bed9e94ccd79cc20365efa58b35d2c33:::

Y.Marshall:2613:aad3b435b51404eeaad3b435b51404ee:a01e9e33b68ab61a580f4bc464ee36c1:::

W.Wolfe:2614:aad3b435b51404eeaad3b435b51404ee:34ef57f8d321aea7ca89e0a24a515e2a:::

A.Kennedy:2615:aad3b435b51404eeaad3b435b51404ee:080693ece73589f8b9f3f78663f91808:::

T.Fuller:2616:aad3b435b51404eeaad3b435b51404ee:74852d706649d5d2ce8f9dd826d4874f:::

L.Washington:2617:aad3b435b51404eeaad3b435b51404ee:0833a35013de96e17705cb4694b1553c:::

S.Shelton:2618:aad3b435b51404eeaad3b435b51404ee:990e7ec7e099e75c00f443f7b4bb3ae2:::

J.Farmer:2619:aad3b435b51404eeaad3b435b51404ee:f61996a84217dad5ff64659a97c8642c:::

M.Paul:2620:aad3b435b51404eeaad3b435b51404ee:ed82bd6cdb216fd690c950aecd64c56c:::

B.Wong:2621:aad3b435b51404eeaad3b435b51404ee:faccd2f7fc03a0982b07a2d21846187f:::

D.Ford:2622:aad3b435b51404eeaad3b435b51404ee:e822570efa4b7edc5fc10f2372e070e2:::

M.Daniel:2623:aad3b435b51404eeaad3b435b51404ee:cecadc1061009aedacc80a2de584a5f5:::

D.Brooks:2624:aad3b435b51404eeaad3b435b51404ee:dd9d2279352b23687f6279ba4a8ba88c:::

B.Rice:2625:aad3b435b51404eeaad3b435b51404ee:e1489fe6f506e84e1d9f01459f07e13f:::

P.Powers:2626:aad3b435b51404eeaad3b435b51404ee:30179f5c89072aae0fcb922d52b0a3bb:::

S.Wright:2627:aad3b435b51404eeaad3b435b51404ee:2b536b199fda92e76c05b59294a0f79b:::

L.Williamson:2628:aad3b435b51404eeaad3b435b51404ee:c0dc381734bded9fbc8c454895c8ebec:::

G.Malone:2629:aad3b435b51404eeaad3b435b51404ee:33b93138451a49da98e262b2f5b57da5:::

M.Harrington:2630:aad3b435b51404eeaad3b435b51404ee:f93175934524851e0b8bed08bea60f87:::

H.Mclaughlin:2631:aad3b435b51404eeaad3b435b51404ee:e868ceb881c017f13590fd158254a371:::

G.Turner:2632:aad3b435b51404eeaad3b435b51404ee:27bde3962ffc55061dd8c736a2016b4c:::

P.Rodriquez:2633:aad3b435b51404eeaad3b435b51404ee:e58e3586585c44da480e148390d9dd99:::

L.Thornton:2634:aad3b435b51404eeaad3b435b51404ee:6c93c3cd901986843f5d0df101331210:::

D.Murray:2635:aad3b435b51404eeaad3b435b51404ee:62e4e02723ccfeee508caa92c95a6f5e:::

A.Peters:2636:aad3b435b51404eeaad3b435b51404ee:f293e283cea5a27db8552667fbaf94c7:::

M.Padilla:2637:aad3b435b51404eeaad3b435b51404ee:a022f2e4594ec7271afb6b6791d86ec2:::

J.Becker:2638:aad3b435b51404eeaad3b435b51404ee:8c064a4c674c79cec0f3c70310b9b8e2:::

K.Perkins:2639:aad3b435b51404eeaad3b435b51404ee:fb9a187494df75923c9515cfca976f08:::

M.Murphy:2640:aad3b435b51404eeaad3b435b51404ee:cdb164617b8fb8ee5bc0e3c4d0ea0a0b:::

S.Higgins:2641:aad3b435b51404eeaad3b435b51404ee:baa026ccfd2b52c325ef54b691ce8845:::

B.Lewis:2642:aad3b435b51404eeaad3b435b51404ee:4310e999dc37278d6f0f33ee0e26d475:::

F.Sanders:2643:aad3b435b51404eeaad3b435b51404ee:d44ef87a5f186e15cbfc91044bce6f6b:::

R.Soto:2644:aad3b435b51404eeaad3b435b51404ee:fd281398fdf14e4e1173a6d113975532:::

I.Robinson:2645:aad3b435b51404eeaad3b435b51404ee:f06b5ecb867ff8a976f0ddd8cc200aa2:::

B.Yates:2646:aad3b435b51404eeaad3b435b51404ee:8a8c9f7a692b8e3e6e77d47490ef55ae:::

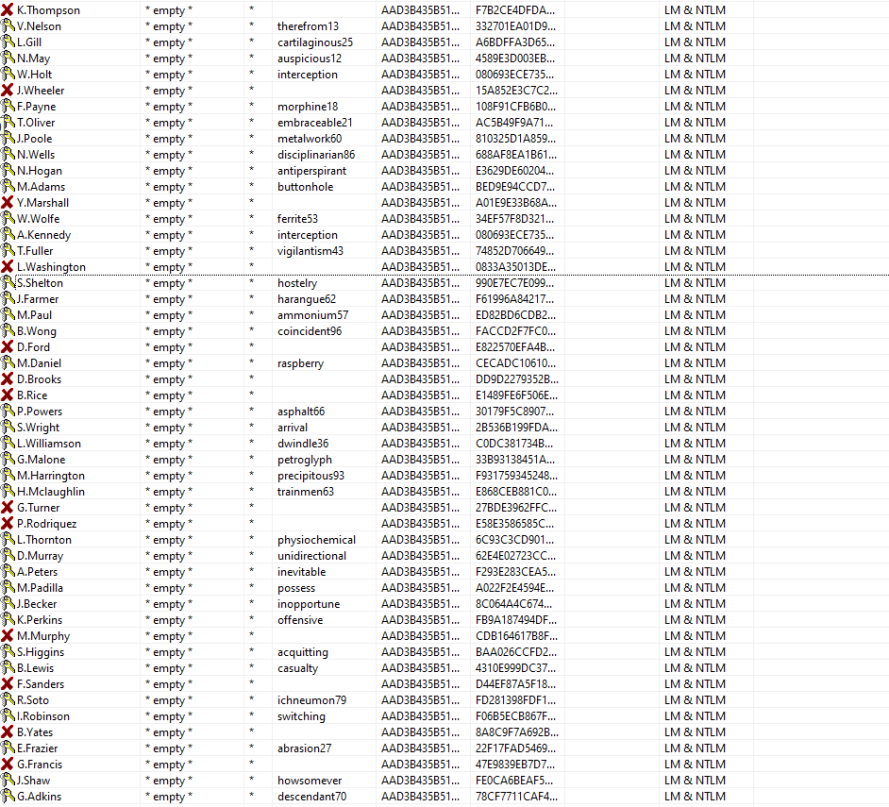
E.Frazier:2647:aad3b435b51404eeaad3b435b51404ee:22f17fad5469c294b551e488d7971202:::

G.Francis:2648:aad3b435b51404eeaad3b435b51404ee:47e9839eb7d7d226ea5415d6737eb09c:::

J.Shaw:2649:aad3b435b51404eeaad3b435b51404ee:fe0ca6beaf5a825d6a9cca1c2e6a27e6:::

G.Adkins:2650:aad3b435b51404eeaad3b435b51404ee:78cf7711caf441a13857c2b96d3fb9b3:::

## Appendix J



## Appendix K

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.12s

searching for 1 hash...

cryptanalysis time: 6.61 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

plaintext of f7b2ce4dfda94a03e7e4fa03d7b16d27 is Dolores

cryptanalysis time: 0.03 s

statistics

-------------------------------------------------------

plaintext found: 1 of 1(100.00%)

total disk access time: 37.97s

total cryptanalysis time: 2.79s

total pre-calculation time: 6.52s

total chain walk step: 49985001

total false alarm: 5569

total chain walk step due to false alarm: 20618883

result

-------------------------------------------------------

f7b2ce4dfda94a03e7e4fa03d7b16d27 Dolores hex:446f6c6f726573

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.77 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.65s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.65s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.12s

searching for 1 hash...

cryptanalysis time: 6.67 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.88s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.60 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.34 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.87s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.28 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 154.18s

total cryptanalysis time: 12.14s

total pre-calculation time: 26.30s

total chain walk step: 199940004

total false alarm: 24573

total chain walk step due to false alarm: 89865435

result

-------------------------------------------------------

15a852e3c7c2ef83ad8242472ae9903a <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.72 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.34 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 7.11s

searching for 1 hash...

Press 'P' to pause...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.93s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.97s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.65 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.12s

searching for 1 hash...

cryptanalysis time: 6.76 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.88s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 158.36s

total cryptanalysis time: 12.22s

total pre-calculation time: 26.38s

total chain walk step: 199940004

total false alarm: 24629

total chain walk step due to false alarm: 90488238

result

-------------------------------------------------------

a01e9e33b68ab61a580f4bc464ee36c1 <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.71 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.85s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.62 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.86s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 27.40 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

Press 'P' to pause...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.82s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 25.68s

searching for 1 hash...

Press 'P' to pause...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.86s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.60 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 176.73s

total cryptanalysis time: 32.90s

total pre-calculation time: 26.22s

total chain walk step: 199940004

total false alarm: 24545

total chain walk step due to false alarm: 89760925

result

-------------------------------------------------------

0833a35013de96e17705cb4694b1553c <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.16s

searching for 1 hash...

cryptanalysis time: 6.69 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.93s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.92s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.11s

searching for 1 hash...

cryptanalysis time: 6.72 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.97s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.98s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.89s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.98s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.68 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.87s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.69 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.26 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 156.22s

total cryptanalysis time: 12.21s

total pre-calculation time: 26.40s

total chain walk step: 199940004

total false alarm: 24478

total chain walk step due to false alarm: 89707753

result

-------------------------------------------------------

e822570efa4b7edc5fc10f2372e070e2 <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.77 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 4.02s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.11s

searching for 1 hash...

cryptanalysis time: 6.82 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.82s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.89s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.82 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.82s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.85s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.25 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 155.30s

total cryptanalysis time: 12.16s

total pre-calculation time: 26.58s

total chain walk step: 199940004

total false alarm: 24514

total chain walk step due to false alarm: 89730664

result

-------------------------------------------------------

dd9d2279352b23687f6279ba4a8ba88c <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.14s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.64 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.57 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.83s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 9.93s

searching for 1 hash...

Press 'P' to pause...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.54 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 159.14s

total cryptanalysis time: 12.06s

total pre-calculation time: 26.03s

total chain walk step: 199940004

total false alarm: 24534

total chain walk step due to false alarm: 90183538

result

-------------------------------------------------------

e1489fe6f506e84e1d9f01459f07e13f <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.67 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.66s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.57 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.57 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.72s

total cryptanalysis time: 11.97s

total pre-calculation time: 26.02s

total chain walk step: 199940004

total false alarm: 24523

total chain walk step due to false alarm: 89620106

result

-------------------------------------------------------

27bde3962ffc55061dd8c736a2016b4c <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

invalid hash: e58e3586585c44da480e148390d9dd997

no hashes foundUsing 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.13s

searching for 1 hash...

cryptanalysis time: 6.64 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.12s

searching for 1 hash...

cryptanalysis time: 6.57 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.53 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.90s

total cryptanalysis time: 12.07s

total pre-calculation time: 25.96s

total chain walk step: 199940004

total false alarm: 24595

total chain walk step due to false alarm: 90360675

result

-------------------------------------------------------

cdb164617b8fb8ee5bc0e3c4d0ea0a0b <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.13s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.54 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.84s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.65s

total cryptanalysis time: 12.12s

total pre-calculation time: 25.91s

total chain walk step: 199940004

total false alarm: 24676

total chain walk step due to false alarm: 90885335

result

-------------------------------------------------------

d44ef87a5f186e15cbfc91044bce6f6b <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.64 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.82s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.58 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.73s

total cryptanalysis time: 12.10s

total pre-calculation time: 25.98s

total chain walk step: 199940004

total false alarm: 24643

total chain walk step due to false alarm: 90530347

result

-------------------------------------------------------

8a8c9f7a692b8e3e6e77d47490ef55ae <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.64 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.99s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.47 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.58 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.41 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.68 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.71 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 153.13s

total cryptanalysis time: 13.31s

total pre-calculation time: 25.97s

total chain walk step: 199940004

total false alarm: 24648

total chain walk step due to false alarm: 90630000

result

-------------------------------------------------------

47e9839eb7d7d226ea5415d6737eb09c <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.62 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.79s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.45 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.42 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.65 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.67s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.54 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.67 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 11.28s

searching for 1 hash...

Press 'P' to pause...

cryptanalysis time: 12.51 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.54 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.32 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.28 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 159.92s

total cryptanalysis time: 24.90s

total pre-calculation time: 25.99s

total chain walk step: 199940004

total false alarm: 24527

total chain walk step due to false alarm: 89778746

result

-------------------------------------------------------

b41c955faff3c48cf44f44496eec8ce7 <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.13s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.81s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.80s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.75s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.55 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.26 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.57 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.76s

searching for 1 hash...

cryptanalysis time: 0.31 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.57s

total cryptanalysis time: 11.99s

total pre-calculation time: 25.92s

total chain walk step: 199940004

total false alarm: 24572

total chain walk step due to false alarm: 89755490

result

-------------------------------------------------------

31d6cfe0d16ae931b73c59d7e0c089c0 <notfound> hex:<notfound>

Using 1 threads for pre-calculation and false alarm checking...

Found 44 rainbowtable files...

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x19739301\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19739301

118435806 bytes read, disk access time: 1.15s

searching for 1 hash...

cryptanalysis time: 6.63 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.78s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.28 s

ntlm\_mixalpha-numeric-space#1-7\_0\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x19716399\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19716399

118298394 bytes read, disk access time: 1.10s

searching for 1 hash...

cryptanalysis time: 6.66 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.31 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_1\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x19707733\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19707733

118246398 bytes read, disk access time: 1.09s

searching for 1 hash...

cryptanalysis time: 6.56 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.68s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.77s

searching for 1 hash...

cryptanalysis time: 0.33 s

ntlm\_mixalpha-numeric-space#1-7\_2\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x19705613\_distrrtgen[p][i]\_10.rti2

Chain Position is now 19705613

118233678 bytes read, disk access time: 1.08s

searching for 1 hash...

cryptanalysis time: 6.70 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_00.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_01.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.72s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_02.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_03.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_04.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.73s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_05.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.71s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_06.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.74s

searching for 1 hash...

cryptanalysis time: 0.30 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_07.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.70s

searching for 1 hash...

cryptanalysis time: 0.27 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_08.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.29 s

ntlm\_mixalpha-numeric-space#1-7\_3\_10000x67108864\_distrrtgen[p][i]\_09.rti2

Chain Position is now 67108864

402653184 bytes read, disk access time: 3.69s

searching for 1 hash...

cryptanalysis time: 0.30 s

statistics

-------------------------------------------------------

plaintext found: 0 of 1(0.00%)

total disk access time: 152.80s

total cryptanalysis time: 12.02s

total pre-calculation time: 26.16s

total chain walk step: 199940004

total false alarm: 24519

total chain walk step due to false alarm: 89881856

result

-------------------------------------------------------

ce5006f06fb238ecd9944cd8a34ff95a <notfound> hex:<notfound>

D:\Others\rcrack\_mt>

## Appendix L

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/extractedData.txt

MD5 Checksum:  d846d011a6cbe6ac612652f35f0b8a3d

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image1.jpeg

MD5 Checksum:  66b70153e7720bb01b69ce11846fb1b8

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image1jpg.jpg

MD5 Checksum:  ad2966e24eaeb474cc475fd2648e5498

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image2.jpeg

MD5 Checksum:  173c428515ea5280ee72af27bd6118b5

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image3jpeg

MD5 Checksum:  e7d247f12ad900eb52b6c1dba54482a4

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image4.jpeg

MD5 Checksum:  174e940ffd9bed839bbb396bc2f0f1b8

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image5.jpeg

MD5 Checksum:  daa3d33d49d24bc264e4922991858cd8

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image6.jpeg

MD5 Checksum:  0371c44dda16571d7fa06196982d2b2c

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image7.jpeg

MD5 Checksum:  ec2869afbf0144fe5cc9e9e63e35b196

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image8.jpeg

MD5 Checksum:  173c428515ea5280ee72af27bd6118b5

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image9.jpeg

MD5 Checksum:  e7d247f12ad900eb52b6c1dba54482a4

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image10.jpeg

MD5 Checksum:  174e940ffd9bed839bbb396bc2f0f1b8

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image11.jpeg

MD5 Checksum:  0371c44dda16571d7fa06196982d2b2c

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image12.jpeg

MD5 Checksum:  ec2869afbf0144fe5cc9e9e63e35b196

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image13.jpeg

MD5 Checksum:  a0f34c10e7ca1379331be45f03fa5610

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image14.jpeg

MD5 Checksum:  55b6292fe493a1545c2025b73a59a4eb

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image15.jpeg

MD5 Checksum:  20e36a8b043cef5e0b4011cf9eeb2894

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image16.jpeg

MD5 Checksum:  f84aebbd846e96fc8471bcf1634c8cea

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/image17.jpeg

MD5 Checksum:  9835286d484882b39e911d46119b7025

Signatures:    411

DECIMAL       HEXADECIMAL     DESCRIPTION

--------------------------------------------------------------------------------

0             0x0             JPEG image data, JFIF standard 1.01

Scan Time:     2023-12-12 11:58:30

Target File:   /home/kali/Documents/Shares/Relevant Files/images/steg.sh

MD5 Checksum:  943ab3282f6911ef7e175c517aef6e50

Signatures:    411

## Appendix M

Starting enum4linux v0.9.1 ( http://labs.portcullis.co.uk/application/enum4linux/ ) on Wed Nov 22 07:30:20 2023

[34m =========================================( [0m[32mTarget Information[0m[34m )=========================================

[0mTarget ........... 192.168.10.1

RID Range ........ 500-550,1000-1050

Username ......... 'test'

Password ......... 'test123'

Known Usernames .. administrator, guest, krbtgt, domain admins, root, bin, none

[34m ============================( [0m[32mEnumerating Workgroup/Domain on 192.168.10.1[0m[34m )============================

[0m[33m

[+] [0m[32mGot domain/workgroup name: UADCWNET

[0m

[34m ================================( [0m[32mNbtstat Information for 192.168.10.1[0m[34m )================================

[0mLooking up status of 192.168.10.1

SERVER1 <00> - B <ACTIVE> Workstation Service

UADCWNET <00> - <GROUP> B <ACTIVE> Domain/Workgroup Name

UADCWNET <1c> - <GROUP> B <ACTIVE> Domain Controllers

SERVER1 <20> - B <ACTIVE> File Server Service

UADCWNET <1e> - <GROUP> B <ACTIVE> Browser Service Elections

UADCWNET <1b> - B <ACTIVE> Domain Master Browser

UADCWNET <1d> - B <ACTIVE> Master Browser

..\_\_MSBROWSE\_\_. <01> - <GROUP> B <ACTIVE> Master Browser

MAC Address = 00-0C-29-2B-C5-7C

[34m ===================================( [0m[32mSession Check on 192.168.10.1[0m[34m )===================================

[0m[33m

[+] [0m[32mServer 192.168.10.1 allows sessions using username 'test', password 'test123'

[0m

[34m ================================( [0m[32mGetting domain SID for 192.168.10.1[0m[34m )================================

[0mDomain Name: UADCWNET

Domain Sid: S-1-5-21-2373017989-4057782597-2990666611

[33m

[+] [0m[32mHost is part of a domain (not a workgroup)

[0m

[34m ===================================( [0m[32mOS information on 192.168.10.1[0m[34m )===================================

[0m[33m

[E] [0m[31mCan't get OS info with smbclient

[0m[33m

[+] [0m[32mGot OS info for 192.168.10.1 from srvinfo:

[0m 192.168.10.1 Wk Sv PDC Tim NT LMB

platform\_id : 500

os version : 10.0

server type : 0x84102b

[34m =======================================( [0m[32mUsers on 192.168.10.1[0m[34m )=======================================

[0mindex: 0xa37 RID: 0xa37 acb: 0x00000210 Account: A.Kennedy Name: Arlene Kennedy Desc: juggle

index: 0xa4c RID: 0xa4c acb: 0x00000210 Account: A.Peters Name: Archie Peters Desc: trickster

index: 0x1f4 RID: 0x1f4 acb: 0x00000210 Account: Administrator Name: (null) Desc: Built-in account for administering the computer/domain

index: 0xa52 RID: 0xa52 acb: 0x00000210 Account: B.Lewis Name: Ben Lewis Desc: flipflop

index: 0xa41 RID: 0xa41 acb: 0x00000210 Account: B.Rice Name: Brad Rice Desc: atavism

index: 0xa3d RID: 0xa3d acb: 0x00000210 Account: B.Wong Name: Beverly Wong Desc: retrieval

index: 0xa56 RID: 0xa56 acb: 0x00000210 Account: B.Yates Name: Brittany Yates Desc: surprised

index: 0xa40 RID: 0xa40 acb: 0x00000210 Account: D.Brooks Name: Doug Brooks Desc: sociable

index: 0xa3e RID: 0xa3e acb: 0x00000210 Account: D.Ford Name: Dexter Ford Desc: antiquated

index: 0xa4b RID: 0xa4b acb: 0x00000210 Account: D.Murray Name: Deanna Murray Desc: himself

index: 0xa57 RID: 0xa57 acb: 0x00000210 Account: E.Frazier Name: Erik Frazier Desc: Hamal

index: 0xa2f RID: 0xa2f acb: 0x00000210 Account: F.Payne Name: Felicia Payne Desc: Ada

index: 0xa53 RID: 0xa53 acb: 0x00000210 Account: F.Sanders Name: Franklin Sanders Desc: usage

index: 0xa5a RID: 0xa5a acb: 0x00000210 Account: G.Adkins Name: Guadalupe Adkins Desc: mitochondria

index: 0xa58 RID: 0xa58 acb: 0x00000210 Account: G.Francis Name: Gretchen Francis Desc: roach

index: 0xa45 RID: 0xa45 acb: 0x00000210 Account: G.Malone Name: Gerardo Malone Desc: pairage

index: 0xa48 RID: 0xa48 acb: 0x00000210 Account: G.Turner Name: Glen Turner Desc: sophia

index: 0x1f5 RID: 0x1f5 acb: 0x00000215 Account: Guest Name: (null) Desc: Built-in account for guest access to the computer/domain

index: 0xa47 RID: 0xa47 acb: 0x00000210 Account: H.Mclaughlin Name: Holly Mclaughlin Desc: pwd:trainmen63

index: 0xa55 RID: 0xa55 acb: 0x00000210 Account: I.Robinson Name: Ian Robinson Desc: caterpillar

index: 0xa4e RID: 0xa4e acb: 0x00000210 Account: J.Becker Name: Jaime Becker Desc: geodesic

index: 0xa3b RID: 0xa3b acb: 0x00000210 Account: J.Farmer Name: Jacob Farmer Desc: vermin

index: 0xa31 RID: 0xa31 acb: 0x00000210 Account: J.Poole Name: Javier Poole Desc: despise

index: 0xa59 RID: 0xa59 acb: 0x00000210 Account: J.Shaw Name: Jaime Shaw Desc: connoisseur

index: 0xa2e RID: 0xa2e acb: 0x00000210 Account: J.Wheeler Name: Johnny Wheeler Desc: rosemary

index: 0xa4f RID: 0xa4f acb: 0x00000210 Account: K.Perkins Name: Katie Perkins Desc: Ireland

index: 0xa29 RID: 0xa29 acb: 0x00000210 Account: K.Thompson Name: Karl Thompson Desc: excitatory

index: 0x1f6 RID: 0x1f6 acb: 0x00000011 Account: krbtgt Name: (null) Desc: Key Distribution Center Service Account

index: 0xa2b RID: 0xa2b acb: 0x00010210 Account: L.Gill Name: Loren Gill Desc: tarantara

index: 0xa4a RID: 0xa4a acb: 0x00000210 Account: L.Thornton Name: Laverne Thornton Desc: wolf

index: 0xa39 RID: 0xa39 acb: 0x00000210 Account: L.Washington Name: Lori Washington Desc: periphery

index: 0xa44 RID: 0xa44 acb: 0x00000210 Account: L.Williamson Name: Larry Williamson Desc: dill

index: 0xa34 RID: 0xa34 acb: 0x00000210 Account: M.Adams Name: Maureen Adams Desc: phosphine

index: 0xa3f RID: 0xa3f acb: 0x00000210 Account: M.Daniel Name: Micheal Daniel Desc: ritual

index: 0xa46 RID: 0xa46 acb: 0x00000210 Account: M.Harrington Name: Maria Harrington Desc: omicron

index: 0xa50 RID: 0xa50 acb: 0x00000210 Account: M.Murphy Name: Marsha Murphy Desc: honeydew

index: 0xa4d RID: 0xa4d acb: 0x00000210 Account: M.Padilla Name: Marlon Padilla Desc: squalid

index: 0xa3c RID: 0xa3c acb: 0x00000210 Account: M.Paul Name: Mary Paul Desc: threesome

index: 0xa33 RID: 0xa33 acb: 0x00000210 Account: N.Hogan Name: Nicole Hogan Desc: brochure

index: 0xa2c RID: 0xa2c acb: 0x00000210 Account: N.May Name: Natalie May Desc: pedophilia

index: 0xa32 RID: 0xa32 acb: 0x00000210 Account: N.Wells Name: Nettie Wells Desc: taco

index: 0xa42 RID: 0xa42 acb: 0x00000210 Account: P.Powers Name: Patti Powers Desc: shire

index: 0xa49 RID: 0xa49 acb: 0x00000210 Account: P.Rodriquez Name: Penny Rodriquez Desc: sought

index: 0xa54 RID: 0xa54 acb: 0x00000210 Account: R.Soto Name: Rex Soto Desc: fret

index: 0xa51 RID: 0xa51 acb: 0x00000210 Account: S.Higgins Name: Sadie Higgins Desc: night

index: 0xa3a RID: 0xa3a acb: 0x00000210 Account: S.Shelton Name: Stacy Shelton Desc: talisman

index: 0xa43 RID: 0xa43 acb: 0x00000210 Account: S.Wright Name: Stanley Wright Desc: til

index: 0xa38 RID: 0xa38 acb: 0x00000210 Account: T.Fuller Name: Tina Fuller Desc: working

index: 0xa30 RID: 0xa30 acb: 0x00000210 Account: T.Oliver Name: Tommie Oliver Desc: bucketfull

index: 0x455 RID: 0x455 acb: 0x00000a10 Account: test Name: Test account Desc: (null)

index: 0xa2a RID: 0xa2a acb: 0x00000210 Account: V.Nelson Name: Viola Nelson Desc: sawbelly

index: 0xa2d RID: 0xa2d acb: 0x00000210 Account: W.Holt Name: Wilbur Holt Desc: Replication Account

index: 0xa36 RID: 0xa36 acb: 0x00000210 Account: W.Wolfe Name: Woodrow Wolfe Desc: new

index: 0xa35 RID: 0xa35 acb: 0x00000210 Account: Y.Marshall Name: Yvette Marshall Desc: nearby

user:[Administrator] rid:[0x1f4]

user:[Guest] rid:[0x1f5]

user:[krbtgt] rid:[0x1f6]

user:[test] rid:[0x455]

user:[K.Thompson] rid:[0xa29]

user:[V.Nelson] rid:[0xa2a]

user:[L.Gill] rid:[0xa2b]

user:[N.May] rid:[0xa2c]

user:[W.Holt] rid:[0xa2d]

user:[J.Wheeler] rid:[0xa2e]

user:[F.Payne] rid:[0xa2f]

user:[T.Oliver] rid:[0xa30]

user:[J.Poole] rid:[0xa31]

user:[N.Wells] rid:[0xa32]

user:[N.Hogan] rid:[0xa33]

user:[M.Adams] rid:[0xa34]

user:[Y.Marshall] rid:[0xa35]

user:[W.Wolfe] rid:[0xa36]

user:[A.Kennedy] rid:[0xa37]

user:[T.Fuller] rid:[0xa38]

user:[L.Washington] rid:[0xa39]

user:[S.Shelton] rid:[0xa3a]

user:[J.Farmer] rid:[0xa3b]

user:[M.Paul] rid:[0xa3c]

user:[B.Wong] rid:[0xa3d]

user:[D.Ford] rid:[0xa3e]

user:[M.Daniel] rid:[0xa3f]

user:[D.Brooks] rid:[0xa40]

user:[B.Rice] rid:[0xa41]

user:[P.Powers] rid:[0xa42]

user:[S.Wright] rid:[0xa43]

user:[L.Williamson] rid:[0xa44]

user:[G.Malone] rid:[0xa45]

user:[M.Harrington] rid:[0xa46]

user:[H.Mclaughlin] rid:[0xa47]

user:[G.Turner] rid:[0xa48]

user:[P.Rodriquez] rid:[0xa49]

user:[L.Thornton] rid:[0xa4a]

user:[D.Murray] rid:[0xa4b]

user:[A.Peters] rid:[0xa4c]

user:[M.Padilla] rid:[0xa4d]

user:[J.Becker] rid:[0xa4e]

user:[K.Perkins] rid:[0xa4f]

user:[M.Murphy] rid:[0xa50]

user:[S.Higgins] rid:[0xa51]

user:[B.Lewis] rid:[0xa52]

user:[F.Sanders] rid:[0xa53]

user:[R.Soto] rid:[0xa54]

user:[I.Robinson] rid:[0xa55]

user:[B.Yates] rid:[0xa56]

user:[E.Frazier] rid:[0xa57]

user:[G.Francis] rid:[0xa58]

user:[J.Shaw] rid:[0xa59]

user:[G.Adkins] rid:[0xa5a]

[34m =================================( [0m[32mShare Enumeration on 192.168.10.1[0m[34m )=================================

[0mdo\_connect: Connection to 192.168.10.1 failed (Error NT\_STATUS\_RESOURCE\_NAME\_NOT\_FOUND)

Sharename Type Comment

--------- ---- -------

ADMIN$ Disk Remote Admin

C$ Disk Default share

Fileshare1 Disk

Fileshare2 Disk

HR Disk

IPC$ IPC Remote IPC

NETLOGON Disk Logon server share

Resources Disk

SYSVOL Disk Logon server share

SYSVOL2 Disk

Reconnecting with SMB1 for workgroup listing.

Unable to connect with SMB1 -- no workgroup available

[33m

[+] [0m[32mAttempting to map shares on 192.168.10.1

[0m//192.168.10.1/ADMIN$ [35mMapping: [0mDENIED[35m Listing: [0mN/A[35m Writing: [0mN/A

//192.168.10.1/C$ [35mMapping: [0mDENIED[35m Listing: [0mN/A[35m Writing: [0mN/A

//192.168.10.1/Fileshare1 [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.1/Fileshare2 [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.1/HR [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

[33m

[E] [0m[31mCan't understand response:

[0mNT\_STATUS\_NO\_SUCH\_FILE listing \\*

//192.168.10.1/IPC$ [35mMapping: [0mN/A[35m Listing: [0mN/A[35m Writing: [0mN/A

//192.168.10.1/NETLOGON [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.1/Resources [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.1/SYSVOL [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.1/SYSVOL2 [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

[34m ============================( [0m[32mPassword Policy Information for 192.168.10.1[0m[34m )============================

[0m

[+] Attaching to 192.168.10.1 using test:test123

[+] Trying protocol 139/SMB...

[!] Protocol failed: Cannot request session (Called Name:192.168.10.1)

[+] Trying protocol 445/SMB...

[+] Found domain(s):

[+] UADCWNET

[+] Builtin

[+] Password Info for Domain: UADCWNET

[+] Minimum password length: 7

[+] Password history length: 24

[+] Maximum password age: 136 days 23 hours 58 minutes

[+] Password Complexity Flags: 010000

[+] Domain Refuse Password Change: 0

[+] Domain Password Store Cleartext: 1

[+] Domain Password Lockout Admins: 0

[+] Domain Password No Clear Change: 0

[+] Domain Password No Anon Change: 0

[+] Domain Password Complex: 0

[+] Minimum password age: 1 day 4 minutes

[+] Reset Account Lockout Counter:

[+] Locked Account Duration:

[+] Account Lockout Threshold: None

[+] Forced Log off Time: Not Set

[33m

[+] [0m[32mRetieved partial password policy with rpcclient:

[0mPassword Complexity: Disabled

Minimum Password Length: 7

[34m =======================================( [0m[32mGroups on 192.168.10.1[0m[34m )=======================================

[0m[33m

[+] [0m[32mGetting builtin groups:

[0mgroup:[Server Operators] rid:[0x225]

group:[Account Operators] rid:[0x224]

group:[Pre-Windows 2000 Compatible Access] rid:[0x22a]

group:[Incoming Forest Trust Builders] rid:[0x22d]

group:[Windows Authorization Access Group] rid:[0x230]

group:[Terminal Server License Servers] rid:[0x231]

group:[Administrators] rid:[0x220]

group:[Users] rid:[0x221]

group:[Guests] rid:[0x222]

group:[Print Operators] rid:[0x226]

group:[Backup Operators] rid:[0x227]

group:[Replicator] rid:[0x228]

group:[Remote Desktop Users] rid:[0x22b]

group:[Network Configuration Operators] rid:[0x22c]

group:[Performance Monitor Users] rid:[0x22e]

group:[Performance Log Users] rid:[0x22f]

group:[Distributed COM Users] rid:[0x232]

group:[IIS\_IUSRS] rid:[0x238]

group:[Cryptographic Operators] rid:[0x239]

group:[Event Log Readers] rid:[0x23d]

group:[Certificate Service DCOM Access] rid:[0x23e]

group:[RDS Remote Access Servers] rid:[0x23f]

group:[RDS Endpoint Servers] rid:[0x240]

group:[RDS Management Servers] rid:[0x241]

group:[Hyper-V Administrators] rid:[0x242]

group:[Access Control Assistance Operators] rid:[0x243]

group:[Remote Management Users] rid:[0x244]

group:[Storage Replica Administrators] rid:[0x246]

[33m

[+] [0m[32m Getting builtin group memberships:

[0m[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Administrator

[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Enterprise Admins

[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Domain Admins

[35mGroup: [0mUsers' (RID: 545) has member: NT AUTHORITY\INTERACTIVE

[35mGroup: [0mUsers' (RID: 545) has member: NT AUTHORITY\Authenticated Users

[35mGroup: [0mUsers' (RID: 545) has member: UADCWNET\Domain Users

[35mGroup: [0mPre-Windows 2000 Compatible Access' (RID: 554) has member: NT AUTHORITY\Authenticated Users

[35mGroup: [0mGuests' (RID: 546) has member: UADCWNET\Guest

[35mGroup: [0mGuests' (RID: 546) has member: UADCWNET\Domain Guests

[35mGroup: [0mIIS\_IUSRS' (RID: 568) has member: NT AUTHORITY\IUSR

[35mGroup: [0mWindows Authorization Access Group' (RID: 560) has member: NT AUTHORITY\ENTERPRISE DOMAIN CONTROLLERS

[33m

[+] [0m[32m Getting local groups:

[0mgroup:[Cert Publishers] rid:[0x205]

group:[RAS and IAS Servers] rid:[0x229]

group:[Allowed RODC Password Replication Group] rid:[0x23b]

group:[Denied RODC Password Replication Group] rid:[0x23c]

group:[DnsAdmins] rid:[0x44d]

[33m

[+] [0m[32m Getting local group memberships:

[0m[35mGroup: [0mDnsAdmins' (RID: 1101) has member: UADCWNET\W.Holt

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\krbtgt

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Domain Controllers

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Schema Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Enterprise Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Cert Publishers

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Domain Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Group Policy Creator Owners

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Read-only Domain Controllers

[33m

[+] [0m[32m Getting domain groups:

[0mgroup:[Enterprise Read-only Domain Controllers] rid:[0x1f2]

group:[Domain Admins] rid:[0x200]

group:[Domain Users] rid:[0x201]

group:[Domain Guests] rid:[0x202]

group:[Domain Computers] rid:[0x203]

group:[Domain Controllers] rid:[0x204]

group:[Schema Admins] rid:[0x206]

group:[Enterprise Admins] rid:[0x207]

group:[Group Policy Creator Owners] rid:[0x208]

group:[Read-only Domain Controllers] rid:[0x209]

group:[Cloneable Domain Controllers] rid:[0x20a]

group:[Protected Users] rid:[0x20d]

group:[Key Admins] rid:[0x20e]

group:[Enterprise Key Admins] rid:[0x20f]

group:[DnsUpdateProxy] rid:[0x44e]

group:[Human Resources] rid:[0x44f]

group:[Legal] rid:[0x450]

group:[Finance] rid:[0x451]

group:[Engineering] rid:[0x452]

group:[Sales] rid:[0x453]

group:[Information Technology] rid:[0x454]

[33m

[+] [0m[32m Getting domain group memberships:

[0m[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\marketplace$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\pc28$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\range86-130$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\nt4$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust84$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\devserver$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\about$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\helponline$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\sanantonio$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\inbound$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\customer$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\ir$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\announce$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\iris$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\dev1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust24$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mx$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\vader$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust53$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mv$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mickey$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\ptld$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\tool$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\uninet$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\houstin$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\CLIENT1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL2$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL3$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL4$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL5$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL6$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL7$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL8$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL9$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL10$

[35mGroup: [0m'Group Policy Creator Owners' (RID: 520) has member: UADCWNET\Administrator

[35mGroup: [0m'Schema Admins' (RID: 518) has member: UADCWNET\Administrator

[35mGroup: [0m'Information Technology' (RID: 1108) has member: UADCWNET\test

[35mGroup: [0m'Domain Guests' (RID: 514) has member: UADCWNET\Guest

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\W.Holt

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\L.Washington

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\M.Padilla

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\I.Robinson

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\B.Yates

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\J.Shaw

[35mGroup: [0m'Domain Controllers' (RID: 516) has member: UADCWNET\SERVER1$

[35mGroup: [0m'Domain Controllers' (RID: 516) has member: UADCWNET\SERVER2$

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\krbtgt

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\test

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\K.Thompson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\V.Nelson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Gill

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.May

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\W.Holt

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Wheeler

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\F.Payne

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\T.Oliver

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Poole

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.Wells

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.Hogan

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Adams

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\Y.Marshall

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\W.Wolfe

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\A.Kennedy

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\T.Fuller

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Washington

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Shelton

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Farmer

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Paul

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Wong

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Ford

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Daniel

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Brooks

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Rice

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\P.Powers

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Wright

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Williamson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Malone

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Harrington

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\H.Mclaughlin

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Turner

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\P.Rodriquez

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Thornton

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Murray

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\A.Peters

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Padilla

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Becker

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\K.Perkins

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Murphy

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Higgins

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Lewis

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\F.Sanders

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\R.Soto

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\I.Robinson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Yates

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\E.Frazier

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Francis

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Shaw

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Adkins

[35mGroup: [0m'Enterprise Admins' (RID: 519) has member: UADCWNET\Administrator

[34m ==================( [0m[32mUsers on 192.168.10.1 via RID cycling (RIDS: 500-550,1000-1050)[0m[34m )==================

[0m[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[+] [0m[32mEnumerating users using SID S-1-5-80 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-21-2373017989-4057782597-2990666611 and logon username 'test', password 'test123'

[0mS-1-5-21-2373017989-4057782597-2990666611-500 UADCWNET\Administrator (Local User)

S-1-5-21-2373017989-4057782597-2990666611-501 UADCWNET\Guest (Local User)

S-1-5-21-2373017989-4057782597-2990666611-502 UADCWNET\krbtgt (Local User)

S-1-5-21-2373017989-4057782597-2990666611-512 UADCWNET\Domain Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-513 UADCWNET\Domain Users (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-514 UADCWNET\Domain Guests (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-515 UADCWNET\Domain Computers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-516 UADCWNET\Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-517 UADCWNET\Cert Publishers (Local Group)

S-1-5-21-2373017989-4057782597-2990666611-518 UADCWNET\Schema Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-519 UADCWNET\Enterprise Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-520 UADCWNET\Group Policy Creator Owners (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-521 UADCWNET\Read-only Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-522 UADCWNET\Cloneable Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-525 UADCWNET\Protected Users (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-526 UADCWNET\Key Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-527 UADCWNET\Enterprise Key Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-1000 UADCWNET\SERVER1$ (Local User)

[33m

[+] [0m[32mEnumerating users using SID S-1-5-90 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-32 and logon username 'test', password 'test123'

[0mS-1-5-32-544 BUILTIN\Administrators (Local Group)

S-1-5-32-545 BUILTIN\Users (Local Group)

S-1-5-32-546 BUILTIN\Guests (Local Group)

S-1-5-32-548 BUILTIN\Account Operators (Local Group)

S-1-5-32-549 BUILTIN\Server Operators (Local Group)

S-1-5-32-550 BUILTIN\Print Operators (Local Group)

[33m

[+] [0m[32mEnumerating users using SID S-1-5-80-3139157870-2983391045-3678747466-658725712 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-21-3909509232-362358561-949330273 and logon username 'test', password 'test123'

[0mS-1-5-21-3909509232-362358561-949330273-500 SERVER1\Administrator (Local User)

S-1-5-21-3909509232-362358561-949330273-501 SERVER1\Guest (Local User)

S-1-5-21-3909509232-362358561-949330273-503 SERVER1\DefaultAccount (Local User)

S-1-5-21-3909509232-362358561-949330273-504 SERVER1\WDAGUtilityAccount (Local User)

S-1-5-21-3909509232-362358561-949330273-513 SERVER1\None (Domain Group)

[34m ===============================( [0m[32mGetting printer info for 192.168.10.1[0m[34m )===============================

[0mNo printers returned.

enum4linux complete on Wed Nov 22 07:30:44 2023

Starting enum4linux v0.9.1 ( http://labs.portcullis.co.uk/application/enum4linux/ ) on Wed Nov 22 07:37:11 2023

[34m =========================================( [0m[32mTarget Information[0m[34m )=========================================

[0mTarget ........... 192.168.10.2

RID Range ........ 500-550,1000-1050

Username ......... 'test'

Password ......... 'test123'

Known Usernames .. administrator, guest, krbtgt, domain admins, root, bin, none

[34m ============================( [0m[32mEnumerating Workgroup/Domain on 192.168.10.2[0m[34m )============================

[0m[33m

[+] [0m[32mGot domain/workgroup name: UADCWNET

[0m

[34m ================================( [0m[32mNbtstat Information for 192.168.10.2[0m[34m )================================

[0mLooking up status of 192.168.10.2

SERVER2 <00> - B <ACTIVE> Workstation Service

UADCWNET <00> - <GROUP> B <ACTIVE> Domain/Workgroup Name

UADCWNET <1c> - <GROUP> B <ACTIVE> Domain Controllers

SERVER2 <20> - B <ACTIVE> File Server Service

MAC Address = 00-0C-29-76-0F-1F

[34m ===================================( [0m[32mSession Check on 192.168.10.2[0m[34m )===================================

[0m[33m

[+] [0m[32mServer 192.168.10.2 allows sessions using username 'test', password 'test123'

[0m

[34m ================================( [0m[32mGetting domain SID for 192.168.10.2[0m[34m )================================

[0mDomain Name: UADCWNET

Domain Sid: S-1-5-21-2373017989-4057782597-2990666611

[33m

[+] [0m[32mHost is part of a domain (not a workgroup)

[0m

[34m ===================================( [0m[32mOS information on 192.168.10.2[0m[34m )===================================

[0m[33m

[E] [0m[31mCan't get OS info with smbclient

[0m[33m

[+] [0m[32mGot OS info for 192.168.10.2 from srvinfo:

[0m 192.168.10.2 Wk Sv BDC Tim NT

platform\_id : 500

os version : 10.0

server type : 0x801033

[34m =======================================( [0m[32mUsers on 192.168.10.2[0m[34m )=======================================

[0mindex: 0xa37 RID: 0xa37 acb: 0x00000210 Account: A.Kennedy Name: Arlene Kennedy Desc: juggle

index: 0xa4c RID: 0xa4c acb: 0x00000210 Account: A.Peters Name: Archie Peters Desc: trickster

index: 0x1f4 RID: 0x1f4 acb: 0x00000210 Account: Administrator Name: (null) Desc: Built-in account for administering the computer/domain

index: 0xa52 RID: 0xa52 acb: 0x00000210 Account: B.Lewis Name: Ben Lewis Desc: flipflop

index: 0xa41 RID: 0xa41 acb: 0x00000210 Account: B.Rice Name: Brad Rice Desc: atavism

index: 0xa3d RID: 0xa3d acb: 0x00000210 Account: B.Wong Name: Beverly Wong Desc: retrieval

index: 0xa56 RID: 0xa56 acb: 0x00000210 Account: B.Yates Name: Brittany Yates Desc: surprised

index: 0xa40 RID: 0xa40 acb: 0x00000210 Account: D.Brooks Name: Doug Brooks Desc: sociable

index: 0xa3e RID: 0xa3e acb: 0x00000210 Account: D.Ford Name: Dexter Ford Desc: antiquated

index: 0xa4b RID: 0xa4b acb: 0x00000210 Account: D.Murray Name: Deanna Murray Desc: himself

index: 0xa57 RID: 0xa57 acb: 0x00000210 Account: E.Frazier Name: Erik Frazier Desc: Hamal

index: 0xa2f RID: 0xa2f acb: 0x00000210 Account: F.Payne Name: Felicia Payne Desc: Ada

index: 0xa53 RID: 0xa53 acb: 0x00000210 Account: F.Sanders Name: Franklin Sanders Desc: usage

index: 0xa5a RID: 0xa5a acb: 0x00000210 Account: G.Adkins Name: Guadalupe Adkins Desc: mitochondria

index: 0xa58 RID: 0xa58 acb: 0x00000210 Account: G.Francis Name: Gretchen Francis Desc: roach

index: 0xa45 RID: 0xa45 acb: 0x00000210 Account: G.Malone Name: Gerardo Malone Desc: pairage

index: 0xa48 RID: 0xa48 acb: 0x00000210 Account: G.Turner Name: Glen Turner Desc: sophia

index: 0x1f5 RID: 0x1f5 acb: 0x00000215 Account: Guest Name: (null) Desc: Built-in account for guest access to the computer/domain

index: 0xa47 RID: 0xa47 acb: 0x00000210 Account: H.Mclaughlin Name: Holly Mclaughlin Desc: pwd:trainmen63

index: 0xa55 RID: 0xa55 acb: 0x00000210 Account: I.Robinson Name: Ian Robinson Desc: caterpillar

index: 0xa4e RID: 0xa4e acb: 0x00000210 Account: J.Becker Name: Jaime Becker Desc: geodesic

index: 0xa3b RID: 0xa3b acb: 0x00000210 Account: J.Farmer Name: Jacob Farmer Desc: vermin

index: 0xa31 RID: 0xa31 acb: 0x00000210 Account: J.Poole Name: Javier Poole Desc: despise

index: 0xa59 RID: 0xa59 acb: 0x00000210 Account: J.Shaw Name: Jaime Shaw Desc: connoisseur

index: 0xa2e RID: 0xa2e acb: 0x00000210 Account: J.Wheeler Name: Johnny Wheeler Desc: rosemary

index: 0xa4f RID: 0xa4f acb: 0x00000210 Account: K.Perkins Name: Katie Perkins Desc: Ireland

index: 0xa29 RID: 0xa29 acb: 0x00000210 Account: K.Thompson Name: Karl Thompson Desc: excitatory

index: 0x1f6 RID: 0x1f6 acb: 0x00000011 Account: krbtgt Name: (null) Desc: Key Distribution Center Service Account

index: 0xa2b RID: 0xa2b acb: 0x00010210 Account: L.Gill Name: Loren Gill Desc: tarantara

index: 0xa4a RID: 0xa4a acb: 0x00000210 Account: L.Thornton Name: Laverne Thornton Desc: wolf

index: 0xa39 RID: 0xa39 acb: 0x00000210 Account: L.Washington Name: Lori Washington Desc: periphery

index: 0xa44 RID: 0xa44 acb: 0x00000210 Account: L.Williamson Name: Larry Williamson Desc: dill

index: 0xa34 RID: 0xa34 acb: 0x00000210 Account: M.Adams Name: Maureen Adams Desc: phosphine

index: 0xa3f RID: 0xa3f acb: 0x00000210 Account: M.Daniel Name: Micheal Daniel Desc: ritual

index: 0xa46 RID: 0xa46 acb: 0x00000210 Account: M.Harrington Name: Maria Harrington Desc: omicron

index: 0xa50 RID: 0xa50 acb: 0x00000210 Account: M.Murphy Name: Marsha Murphy Desc: honeydew

index: 0xa4d RID: 0xa4d acb: 0x00000210 Account: M.Padilla Name: Marlon Padilla Desc: squalid

index: 0xa3c RID: 0xa3c acb: 0x00000210 Account: M.Paul Name: Mary Paul Desc: threesome

index: 0xa33 RID: 0xa33 acb: 0x00000210 Account: N.Hogan Name: Nicole Hogan Desc: brochure

index: 0xa2c RID: 0xa2c acb: 0x00000210 Account: N.May Name: Natalie May Desc: pedophilia

index: 0xa32 RID: 0xa32 acb: 0x00000210 Account: N.Wells Name: Nettie Wells Desc: taco

index: 0xa42 RID: 0xa42 acb: 0x00000210 Account: P.Powers Name: Patti Powers Desc: shire

index: 0xa49 RID: 0xa49 acb: 0x00000210 Account: P.Rodriquez Name: Penny Rodriquez Desc: sought

index: 0xa54 RID: 0xa54 acb: 0x00000210 Account: R.Soto Name: Rex Soto Desc: fret

index: 0xa51 RID: 0xa51 acb: 0x00000210 Account: S.Higgins Name: Sadie Higgins Desc: night

index: 0xa3a RID: 0xa3a acb: 0x00000210 Account: S.Shelton Name: Stacy Shelton Desc: talisman

index: 0xa43 RID: 0xa43 acb: 0x00000210 Account: S.Wright Name: Stanley Wright Desc: til

index: 0xa38 RID: 0xa38 acb: 0x00000210 Account: T.Fuller Name: Tina Fuller Desc: working

index: 0xa30 RID: 0xa30 acb: 0x00000210 Account: T.Oliver Name: Tommie Oliver Desc: bucketfull

index: 0x455 RID: 0x455 acb: 0x00000a10 Account: test Name: Test account Desc: (null)

index: 0xa2a RID: 0xa2a acb: 0x00000210 Account: V.Nelson Name: Viola Nelson Desc: sawbelly

index: 0xa2d RID: 0xa2d acb: 0x00000210 Account: W.Holt Name: Wilbur Holt Desc: Replication Account

index: 0xa36 RID: 0xa36 acb: 0x00000210 Account: W.Wolfe Name: Woodrow Wolfe Desc: new

index: 0xa35 RID: 0xa35 acb: 0x00000210 Account: Y.Marshall Name: Yvette Marshall Desc: nearby

user:[Administrator] rid:[0x1f4]

user:[Guest] rid:[0x1f5]

user:[krbtgt] rid:[0x1f6]

user:[test] rid:[0x455]

user:[K.Thompson] rid:[0xa29]

user:[V.Nelson] rid:[0xa2a]

user:[L.Gill] rid:[0xa2b]

user:[N.May] rid:[0xa2c]

user:[W.Holt] rid:[0xa2d]

user:[J.Wheeler] rid:[0xa2e]

user:[F.Payne] rid:[0xa2f]

user:[T.Oliver] rid:[0xa30]

user:[J.Poole] rid:[0xa31]

user:[N.Wells] rid:[0xa32]

user:[N.Hogan] rid:[0xa33]

user:[M.Adams] rid:[0xa34]

user:[Y.Marshall] rid:[0xa35]

user:[W.Wolfe] rid:[0xa36]

user:[A.Kennedy] rid:[0xa37]

user:[T.Fuller] rid:[0xa38]

user:[L.Washington] rid:[0xa39]

user:[S.Shelton] rid:[0xa3a]

user:[J.Farmer] rid:[0xa3b]

user:[M.Paul] rid:[0xa3c]

user:[B.Wong] rid:[0xa3d]

user:[D.Ford] rid:[0xa3e]

user:[M.Daniel] rid:[0xa3f]

user:[D.Brooks] rid:[0xa40]

user:[B.Rice] rid:[0xa41]

user:[P.Powers] rid:[0xa42]

user:[S.Wright] rid:[0xa43]

user:[L.Williamson] rid:[0xa44]

user:[G.Malone] rid:[0xa45]

user:[M.Harrington] rid:[0xa46]

user:[H.Mclaughlin] rid:[0xa47]

user:[G.Turner] rid:[0xa48]

user:[P.Rodriquez] rid:[0xa49]

user:[L.Thornton] rid:[0xa4a]

user:[D.Murray] rid:[0xa4b]

user:[A.Peters] rid:[0xa4c]

user:[M.Padilla] rid:[0xa4d]

user:[J.Becker] rid:[0xa4e]

user:[K.Perkins] rid:[0xa4f]

user:[M.Murphy] rid:[0xa50]

user:[S.Higgins] rid:[0xa51]

user:[B.Lewis] rid:[0xa52]

user:[F.Sanders] rid:[0xa53]

user:[R.Soto] rid:[0xa54]

user:[I.Robinson] rid:[0xa55]

user:[B.Yates] rid:[0xa56]

user:[E.Frazier] rid:[0xa57]

user:[G.Francis] rid:[0xa58]

user:[J.Shaw] rid:[0xa59]

user:[G.Adkins] rid:[0xa5a]

[34m =================================( [0m[32mShare Enumeration on 192.168.10.2[0m[34m )=================================

[0mdo\_connect: Connection to 192.168.10.2 failed (Error NT\_STATUS\_RESOURCE\_NAME\_NOT\_FOUND)

Sharename Type Comment

--------- ---- -------

ADMIN$ Disk Remote Admin

C$ Disk Default share

IPC$ IPC Remote IPC

NETLOGON Disk Logon server share

SYSVOL Disk Logon server share

Reconnecting with SMB1 for workgroup listing.

Unable to connect with SMB1 -- no workgroup available

[33m

[+] [0m[32mAttempting to map shares on 192.168.10.2

[0m//192.168.10.2/ADMIN$ [35mMapping: [0mDENIED[35m Listing: [0mN/A[35m Writing: [0mN/A

//192.168.10.2/C$ [35mMapping: [0mDENIED[35m Listing: [0mN/A[35m Writing: [0mN/A

[33m

[E] [0m[31mCan't understand response:

[0mNT\_STATUS\_NO\_SUCH\_FILE listing \\*

//192.168.10.2/IPC$ [35mMapping: [0mN/A[35m Listing: [0mN/A[35m Writing: [0mN/A

//192.168.10.2/NETLOGON [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

//192.168.10.2/SYSVOL [35mMapping: [0mOK[35m Listing: [0mOK[35m Writing: [0mN/A

[34m ============================( [0m[32mPassword Policy Information for 192.168.10.2[0m[34m )============================

[0m

[+] Attaching to 192.168.10.2 using test:test123

[+] Trying protocol 139/SMB...

[!] Protocol failed: Cannot request session (Called Name:192.168.10.2)

[+] Trying protocol 445/SMB...

[+] Found domain(s):

[+] UADCWNET

[+] Builtin

[+] Password Info for Domain: UADCWNET

[+] Minimum password length: 7

[+] Password history length: 24

[+] Maximum password age: 136 days 23 hours 58 minutes

[+] Password Complexity Flags: 010000

[+] Domain Refuse Password Change: 0

[+] Domain Password Store Cleartext: 1

[+] Domain Password Lockout Admins: 0

[+] Domain Password No Clear Change: 0

[+] Domain Password No Anon Change: 0

[+] Domain Password Complex: 0

[+] Minimum password age: 1 day 4 minutes

[+] Reset Account Lockout Counter:

[+] Locked Account Duration:

[+] Account Lockout Threshold: None

[+] Forced Log off Time: Not Set

[33m

[+] [0m[32mRetieved partial password policy with rpcclient:

[0mPassword Complexity: Disabled

Minimum Password Length: 7

[34m =======================================( [0m[32mGroups on 192.168.10.2[0m[34m )=======================================

[0m[33m

[+] [0m[32mGetting builtin groups:

[0mgroup:[Administrators] rid:[0x220]

group:[Users] rid:[0x221]

group:[Guests] rid:[0x222]

group:[Remote Desktop Users] rid:[0x22b]

group:[Network Configuration Operators] rid:[0x22c]

group:[Performance Monitor Users] rid:[0x22e]

group:[Performance Log Users] rid:[0x22f]

group:[Distributed COM Users] rid:[0x232]

group:[IIS\_IUSRS] rid:[0x238]

group:[Cryptographic Operators] rid:[0x239]

group:[Event Log Readers] rid:[0x23d]

group:[Certificate Service DCOM Access] rid:[0x23e]

group:[RDS Remote Access Servers] rid:[0x23f]

group:[RDS Endpoint Servers] rid:[0x240]

group:[RDS Management Servers] rid:[0x241]

group:[Hyper-V Administrators] rid:[0x242]

group:[Access Control Assistance Operators] rid:[0x243]

group:[Remote Management Users] rid:[0x244]

group:[Storage Replica Administrators] rid:[0x246]

group:[Incoming Forest Trust Builders] rid:[0x22d]

group:[Terminal Server License Servers] rid:[0x231]

group:[Pre-Windows 2000 Compatible Access] rid:[0x22a]

group:[Windows Authorization Access Group] rid:[0x230]

group:[Print Operators] rid:[0x226]

group:[Replicator] rid:[0x228]

group:[Account Operators] rid:[0x224]

group:[Backup Operators] rid:[0x227]

group:[Server Operators] rid:[0x225]

[33m

[+] [0m[32m Getting builtin group memberships:

[0m[35mGroup: [0mUsers' (RID: 545) has member: UADCWNET\Domain Users

[35mGroup: [0mUsers' (RID: 545) has member: NT AUTHORITY\Authenticated Users

[35mGroup: [0mUsers' (RID: 545) has member: NT AUTHORITY\INTERACTIVE

[35mGroup: [0mGuests' (RID: 546) has member: UADCWNET\Guest

[35mGroup: [0mGuests' (RID: 546) has member: UADCWNET\Domain Guests

[35mGroup: [0mWindows Authorization Access Group' (RID: 560) has member: NT AUTHORITY\ENTERPRISE DOMAIN CONTROLLERS

[35mGroup: [0mIIS\_IUSRS' (RID: 568) has member: NT AUTHORITY\IUSR

[35mGroup: [0mPre-Windows 2000 Compatible Access' (RID: 554) has member: NT AUTHORITY\Authenticated Users

[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Domain Admins

[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Enterprise Admins

[35mGroup: [0mAdministrators' (RID: 544) has member: UADCWNET\Administrator

[33m

[+] [0m[32m Getting local groups:

[0mgroup:[Cert Publishers] rid:[0x205]

group:[RAS and IAS Servers] rid:[0x229]

group:[Allowed RODC Password Replication Group] rid:[0x23b]

group:[Denied RODC Password Replication Group] rid:[0x23c]

group:[DnsAdmins] rid:[0x44d]

[33m

[+] [0m[32m Getting local group memberships:

[0m[35mGroup: [0mDnsAdmins' (RID: 1101) has member: UADCWNET\W.Holt

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Cert Publishers

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Domain Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Schema Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Enterprise Admins

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Group Policy Creator Owners

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\krbtgt

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Domain Controllers

[35mGroup: [0mDenied RODC Password Replication Group' (RID: 572) has member: UADCWNET\Read-only Domain Controllers

[33m

[+] [0m[32m Getting domain groups:

[0mgroup:[Enterprise Read-only Domain Controllers] rid:[0x1f2]

group:[Domain Admins] rid:[0x200]

group:[Domain Users] rid:[0x201]

group:[Domain Guests] rid:[0x202]

group:[Domain Computers] rid:[0x203]

group:[Domain Controllers] rid:[0x204]

group:[Schema Admins] rid:[0x206]

group:[Enterprise Admins] rid:[0x207]

group:[Group Policy Creator Owners] rid:[0x208]

group:[Read-only Domain Controllers] rid:[0x209]

group:[Cloneable Domain Controllers] rid:[0x20a]

group:[Protected Users] rid:[0x20d]

group:[Key Admins] rid:[0x20e]

group:[Enterprise Key Admins] rid:[0x20f]

group:[DnsUpdateProxy] rid:[0x44e]

group:[Human Resources] rid:[0x44f]

group:[Legal] rid:[0x450]

group:[Finance] rid:[0x451]

group:[Engineering] rid:[0x452]

group:[Sales] rid:[0x453]

group:[Information Technology] rid:[0x454]

[33m

[+] [0m[32m Getting domain group memberships:

[0m[35mGroup: [0m'Enterprise Admins' (RID: 519) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Controllers' (RID: 516) has member: UADCWNET\SERVER1$

[35mGroup: [0m'Domain Controllers' (RID: 516) has member: UADCWNET\SERVER2$

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\W.Holt

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\L.Washington

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\M.Padilla

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\I.Robinson

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\B.Yates

[35mGroup: [0m'Domain Admins' (RID: 512) has member: UADCWNET\J.Shaw

[35mGroup: [0m'Information Technology' (RID: 1108) has member: UADCWNET\test

[35mGroup: [0m'Schema Admins' (RID: 518) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Guests' (RID: 514) has member: UADCWNET\Guest

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\krbtgt

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\test

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\K.Thompson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\V.Nelson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Gill

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.May

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\W.Holt

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Wheeler

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\F.Payne

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\T.Oliver

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Poole

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.Wells

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\N.Hogan

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Adams

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\Y.Marshall

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\W.Wolfe

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\A.Kennedy

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\T.Fuller

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Washington

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Shelton

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Farmer

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Paul

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Wong

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Ford

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Daniel

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Brooks

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Rice

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\P.Powers

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Wright

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Williamson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Malone

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Harrington

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\H.Mclaughlin

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Turner

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\P.Rodriquez

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\L.Thornton

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\D.Murray

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\A.Peters

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Padilla

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Becker

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\K.Perkins

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\M.Murphy

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\S.Higgins

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Lewis

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\F.Sanders

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\R.Soto

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\I.Robinson

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\B.Yates

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\E.Frazier

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Francis

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\J.Shaw

[35mGroup: [0m'Domain Users' (RID: 513) has member: UADCWNET\G.Adkins

[35mGroup: [0m'Group Policy Creator Owners' (RID: 520) has member: UADCWNET\Administrator

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\marketplace$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\pc28$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\range86-130$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\nt4$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust84$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\devserver$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\about$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\helponline$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\sanantonio$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\inbound$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\customer$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\ir$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\announce$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\iris$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\dev1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust24$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mx$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\vader$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\cust53$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mv$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\mickey$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\ptld$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\tool$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\uninet$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\houstin$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\CLIENT1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL1$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL2$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL3$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL4$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL5$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL6$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL7$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL8$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL9$

[35mGroup: [0m'Domain Computers' (RID: 515) has member: UADCWNET\MSSQL10$

[34m ==================( [0m[32mUsers on 192.168.10.2 via RID cycling (RIDS: 500-550,1000-1050)[0m[34m )==================

[0m[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-32

[33m

[I] [0m[36mFound new SID:

[0mS-1-5-21-2373017989-4057782597-2990666611

[33m

[+] [0m[32mEnumerating users using SID S-1-5-90 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-32 and logon username 'test', password 'test123'

[0mS-1-5-32-544 BUILTIN\Administrators (Local Group)

S-1-5-32-545 BUILTIN\Users (Local Group)

S-1-5-32-546 BUILTIN\Guests (Local Group)

S-1-5-32-548 BUILTIN\Account Operators (Local Group)

S-1-5-32-549 BUILTIN\Server Operators (Local Group)

S-1-5-32-550 BUILTIN\Print Operators (Local Group)

[33m

[+] [0m[32mEnumerating users using SID S-1-5-21-2373017989-4057782597-2990666611 and logon username 'test', password 'test123'

[0mS-1-5-21-2373017989-4057782597-2990666611-500 UADCWNET\Administrator (Local User)

S-1-5-21-2373017989-4057782597-2990666611-501 UADCWNET\Guest (Local User)

S-1-5-21-2373017989-4057782597-2990666611-502 UADCWNET\krbtgt (Local User)

S-1-5-21-2373017989-4057782597-2990666611-512 UADCWNET\Domain Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-513 UADCWNET\Domain Users (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-514 UADCWNET\Domain Guests (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-515 UADCWNET\Domain Computers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-516 UADCWNET\Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-517 UADCWNET\Cert Publishers (Local Group)

S-1-5-21-2373017989-4057782597-2990666611-518 UADCWNET\Schema Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-519 UADCWNET\Enterprise Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-520 UADCWNET\Group Policy Creator Owners (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-521 UADCWNET\Read-only Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-522 UADCWNET\Cloneable Domain Controllers (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-525 UADCWNET\Protected Users (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-526 UADCWNET\Key Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-527 UADCWNET\Enterprise Key Admins (Domain Group)

S-1-5-21-2373017989-4057782597-2990666611-1000 UADCWNET\SERVER1$ (Local User)

[33m

[+] [0m[32mEnumerating users using SID S-1-5-80 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-80-3139157870-2983391045-3678747466-658725712 and logon username 'test', password 'test123'

[0m[33m

[+] [0m[32mEnumerating users using SID S-1-5-21-4039629344-2512537879-3147035361 and logon username 'test', password 'test123'

[0mS-1-5-21-4039629344-2512537879-3147035361-500 SERVER2\Administrator (Local User)

S-1-5-21-4039629344-2512537879-3147035361-501 SERVER2\Guest (Local User)

S-1-5-21-4039629344-2512537879-3147035361-503 SERVER2\DefaultAccount (Local User)

S-1-5-21-4039629344-2512537879-3147035361-504 SERVER2\WDAGUtilityAccount (Local User)

S-1-5-21-4039629344-2512537879-3147035361-513 SERVER2\None (Domain Group)

[34m ===============================( [0m[32mGetting printer info for 192.168.10.2[0m[34m )===============================

[0mNo printers returned.

enum4linux complete on Wed Nov 22 07:37:35 2023

## Appendix N

Admin Scan Report generated by Nessus™ Fri, 01 Dec 2023 05:55:04 EST

TABLE OF CONTENTS

Vulnerabilities by Host

•  192.168.10.1............................................................................................................................................................... 4

•  192.168.10.2............................................................................................................................................................... 8

Vulnerabilities by Host

192.168.10.1

6 5 13 1 58

CRITICAL HIGH MEDIUM LOW INFO

Vulnerabilities Total: 83

SEVERITY CVSS

V3.0

PLUGIN NAME

CRITICAL 9.8 101525 PHP 5.6.x < 5.6.31 Multiple Vulnerabilities

CRITICAL 9.8 104631 PHP 5.6.x < 5.6.32 Multiple Vulnerabilities

CRITICAL 9.8 107216 PHP 5.6.x < 5.6.34 Stack Buffer Overflow

CRITICAL 9.8 121602 PHP 5.6.x < 5.6.40 Multiple vulnerabilities.

CRITICAL 9.8 130276 PHP < 7.1.33 / 7.2.x < 7.2.24 / 7.3.x < 7.3.11 Remote Code Execution

Vulnerability.

CRITICAL 10.0 58987 PHP Unsupported Version Detection

HIGH 8.8 109576 PHP 5.6.x < 5.6.36 Multiple Vulnerabilities

HIGH 7.5 111230 PHP 5.6.x < 5.6.37 exif\_thumbnail\_extract() DoS

HIGH 7.5 119764 PHP 5.6.x < 5.6.39 Multiple vulnerabilities

HIGH 7.5 142591 PHP < 7.3.24 Multiple Vulnerabilities

HIGH 7.5 42873 SSL Medium Strength Cipher Suites Supported (SWEET32)

MEDIUM 6.5 51192 SSL Certificate Cannot Be Trusted

MEDIUM 6.5 57582 SSL Self-Signed Certificate

MEDIUM 6.5 104743 TLS Version 1.0 Protocol Detection

MEDIUM 6.5 157288 TLS Version 1.1 Protocol Deprecated

MEDIUM 6.1 105771 PHP 5.6.x < 5.6.33 Multiple Vulnerabilities

MEDIUM 6.1 117497 PHP 5.6.x < 5.6.38 Transfer-Encoding Parameter XSS Vulnerability

MEDIUM 5.3 11213 HTTP TRACE / TRACK Methods Allowed

192.168.10.1 4

MEDIUM 5.3 152853 PHP < 7.3.28 Email Header Injection

MEDIUM 5.3 45411 SSL Certificate with Wrong Hostname

MEDIUM 4.7 122591 PHP 5.6.x < 5.6.35 Security Bypass Vulnerability

MEDIUM 5.0\* 11734 ArGoSoft Mail Server HTTP Daemon GET Request Saturation DoS

MEDIUM 5.0\* 18140 ArGoSoft Mail Server Pro <= 1.8.7.6 Multiple Vulnerabilities (XSS, Traversal,

Priv Esc)

MEDIUM 5.0\* 10073 Finger Recursive Request Arbitrary Site Redirection

LOW 3.7 38208 Apache Struts 2 s:a / s:url Tag href Element XSS

INFO N/A 10114 ICMP Timestamp Request Remote Date Disclosure

INFO N/A 46180 Additional DNS Hostnames

INFO N/A 48204 Apache HTTP Server Version

INFO N/A 45590 Common Platform Enumeration (CPE)

INFO N/A 10736 DCE Services Enumeration

INFO N/A 11002 DNS Server Detection

INFO N/A 54615 Device Type

INFO N/A 35716 Ethernet Card Manufacturer Detection

INFO N/A 86420 Ethernet MAC Addresses

INFO N/A 10092 FTP Server Detection

INFO N/A 10107 HTTP Server Type and Version

INFO N/A 24260 HyperText Transfer Protocol (HTTP) Information

INFO N/A 43829 Kerberos Information Disclosure

INFO N/A 25701 LDAP Crafted Search Request Server Information Disclosure

INFO N/A 20870 LDAP Server Detection

INFO N/A 53513 Link-Local Multicast Name Resolution (LLMNR) Detection

INFO N/A 10785 Microsoft Windows SMB NativeLanManager Remote System Information

Disclosure

192.168.10.1 5

INFO N/A 26917 Microsoft Windows SMB Registry : Nessus Cannot Access the Windows

Registry

INFO N/A 11011 Microsoft Windows SMB Service Detection

INFO N/A 100871 Microsoft Windows SMB Versions Supported (remote check)

INFO N/A 106716 Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

INFO N/A 11219 Nessus SYN scanner

INFO N/A 19506 Nessus Scan Information

INFO N/A 24786 Nessus Windows Scan Not Performed with Admin Privileges

INFO N/A 10884 Network Time Protocol (NTP) Server Detection

INFO N/A 11936 OS Identification

INFO N/A 21745 OS Security Patch Assessment Failed

INFO N/A 48243 PHP Version Detection

INFO N/A 10185 POP Server Detection

INFO N/A 66334 Patch Report

INFO N/A 10263 SMTP Server Detection

INFO N/A 70657 SSH Algorithms and Languages Supported

INFO N/A 149334 SSH Password Authentication Accepted

INFO N/A 10881 SSH Protocol Versions Supported

INFO N/A 153588 SSH SHA-1 HMAC Algorithms Enabled

INFO N/A 10267 SSH Server Type and Version Information

INFO N/A 56984 SSL / TLS Versions Supported

INFO N/A 45410 SSL Certificate 'commonName' Mismatch

INFO N/A 10863 SSL Certificate Information

INFO N/A 70544 SSL Cipher Block Chaining Cipher Suites Supported

INFO N/A 21643 SSL Cipher Suites Supported

INFO N/A 57041 SSL Perfect Forward Secrecy Cipher Suites Supported

192.168.10.1 6

INFO N/A 51891 SSL Session Resume Supported

INFO N/A 156899 SSL/TLS Recommended Cipher Suites

INFO N/A 96982 Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed

check)

INFO N/A 22964 Service Detection

INFO N/A 21642 Session Initiation Protocol Detection

INFO N/A 121010 TLS Version 1.1 Protocol Detection

INFO N/A 136318 TLS Version 1.2 Protocol Detection

INFO N/A 104410 Target Credential Status by Authentication Protocol - Failure for Provided

Credentials

INFO N/A 64814 Terminal Services Use SSL/TLS

INFO N/A 10287 Traceroute Information

INFO N/A 11154 Unknown Service Detection: Banner Retrieval

INFO N/A 20094 VMware Virtual Machine Detection

INFO N/A 135860 WMI Not Available

INFO N/A 33139 WS-Management Server Detection

INFO N/A 20108 Web Server / Application favicon.ico Vendor Fingerprinting

INFO N/A 10150 Windows NetBIOS / SMB Remote Host Information Disclosure

\* indicates the v3.0 score was not available; the v2.0 score is shown

192.168.10.1 7

192.168.10.2

6 5 10 1 54

CRITICAL HIGH MEDIUM LOW INFO

Vulnerabilities Total: 76

SEVERITY CVSS

V3.0

PLUGIN NAME

CRITICAL 9.8 101525 PHP 5.6.x < 5.6.31 Multiple Vulnerabilities

CRITICAL 9.8 104631 PHP 5.6.x < 5.6.32 Multiple Vulnerabilities

CRITICAL 9.8 107216 PHP 5.6.x < 5.6.34 Stack Buffer Overflow

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Vulnerability.

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MEDIUM 6.5 157288 TLS Version 1.1 Protocol Deprecated

MEDIUM 6.1 105771 PHP 5.6.x < 5.6.33 Multiple Vulnerabilities

MEDIUM 6.1 117497 PHP 5.6.x < 5.6.38 Transfer-Encoding Parameter XSS Vulnerability

MEDIUM 5.3 11213 HTTP TRACE / TRACK Methods Allowed

192.168.10.2 8

MEDIUM 5.3 152853 PHP < 7.3.28 Email Header Injection

MEDIUM 5.3 45411 SSL Certificate with Wrong Hostname

MEDIUM 4.7 122591 PHP 5.6.x < 5.6.35 Security Bypass Vulnerability

LOW 3.7 38208 Apache Struts 2 s:a / s:url Tag href Element XSS

INFO N/A 10114 ICMP Timestamp Request Remote Date Disclosure

INFO N/A 46180 Additional DNS Hostnames

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INFO N/A 10107 HTTP Server Type and Version

INFO N/A 24260 HyperText Transfer Protocol (HTTP) Information

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INFO N/A 20870 LDAP Server Detection

INFO N/A 53513 Link-Local Multicast Name Resolution (LLMNR) Detection

INFO N/A 10785 Microsoft Windows SMB NativeLanManager Remote System Information

Disclosure

INFO N/A 26917 Microsoft Windows SMB Registry : Nessus Cannot Access the Windows

Registry

INFO N/A 11011 Microsoft Windows SMB Service Detection

INFO N/A 100871 Microsoft Windows SMB Versions Supported (remote check)

INFO N/A 106716 Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

192.168.10.2 9

INFO N/A 11219 Nessus SYN scanner

INFO N/A 19506 Nessus Scan Information

INFO N/A 24786 Nessus Windows Scan Not Performed with Admin Privileges

INFO N/A 10884 Network Time Protocol (NTP) Server Detection

INFO N/A 11936 OS Identification

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INFO N/A 70657 SSH Algorithms and Languages Supported

INFO N/A 149334 SSH Password Authentication Accepted

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INFO N/A 10267 SSH Server Type and Version Information

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INFO N/A 45410 SSL Certificate 'commonName' Mismatch

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INFO N/A 21643 SSL Cipher Suites Supported

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INFO N/A 51891 SSL Session Resume Supported

INFO N/A 156899 SSL/TLS Recommended Cipher Suites

INFO N/A 22964 Service Detection

INFO N/A 121010 TLS Version 1.1 Protocol Detection

INFO N/A 136318 TLS Version 1.2 Protocol Detection

192.168.10.2 10

INFO N/A 104410 Target Credential Status by Authentication Protocol - Failure for Provided

Credentials

INFO N/A 64814 Terminal Services Use SSL/TLS

INFO N/A 10287 Traceroute Information

INFO N/A 20094 VMware Virtual Machine Detection

INFO N/A 135860 WMI Not Available

INFO N/A 33139 WS-Management Server Detection

INFO N/A 20108 Web Server / Application favicon.ico Vendor Fingerprinting

INFO N/A 10302 Web Server robots.txt Information Disclosure

INFO N/A 10150 Windows NetBIOS / SMB Remote Host Information Disclosure

\* indicates the v3.0 score was not available; the v2.0 score is shown

192.168.10.2 11