21 – [illegible] CEH [illegible]

[illegible] CEH [illegible] :([illegible])

[illegible]

[illegible] CEH [illegible]

Privilege Escalation and Exploiting) [illegible] (Vulnerabilities

[illegible]:

■ [illegible]

■ [illegible]

■ [illegible]

■ Web Services Terminal Microsoft [illegible] Remote Desktop Bomgar [illegible]

[illegible] DLL [illegible].

[illegible]

[illegible] StickyKeys [illegible] Shift [illegible] StickyKeys [illegible] cmd.exe [illegible] sethc.exe [illegible] explorer.exe [illegible] exe. [illegible] cmd.exe [illegible] (systemroot%\system32%) [illegible] cmd.exe [illegible] StickyKeys [illegible] shellcode [illegible] LocalSystem [illegible].

StickyKeys [illegible]

[illegible] StickyKeys [illegible] Windows / System32 [illegible] sethc.exe [illegible] sethc_1.exe [illegible] cmd.exe [illegible] Kali [illegible] sethc.exe [illegible] Shift [illegible].

[illegible]

[illegible] 24 [illegible] 32 [illegible].

[illegible] C [illegible] C [illegible]:

```
#include <stdio.h>

int main( void )

{

printf("%s", "Hello, World!");

return 0;

}
```

[illegible] Hello World [illegible]:

Strcpy: [illegible] src [illegible] dest [illegible].

Strncpy: [illegible] N [illegible] dest [illegible].

Gets: [illegible] stdin [illegible].

Strcat: [illegible] src [illegible] dest [illegible].

Memmove: [illegible].

Scanf: [illegible] (stdin) [illegible].

Memcpy: num [illegible] src [illegible].

[illegible] C [illegible]. .

[illegible]

[illegible].

[illegible] Aurora [illegible] 6 [illegible]. [illegible] Operation Aurora [illegible]. [illegible] heap [illegible]. [illegible] shellcode [illegible] heap [illegible]. [illegible] heap [illegible] shellcode [illegible]. [illegible] watering-hole [illegible] 2013 [illegible]. [illegible] Java Stored Procedure [illegible] EXETURE [illegible] CONNECT [illegible].

[illegible]: [illegible].

[illegible]

[illegible] SAM [illegible]. SAM [illegible] SYSKEY [illegible] 128 [illegible].

[illegible] SAM [illegible] Emergency Repair Disk [illegible] NT ERD [illegible] SAM [illegible] C: \ winnt \ Repair \ sam [illegible] C: \ winnt \ Repair \ regback \ sam [illegible] SYSKEY [illegible] NTFSDOS [illegible] LINNT [illegible]. NTFSDOS [illegible] NTFS [illegible] DOS / [illegible] NTFSDOS [illegible] Windows [illegible] SAM [illegible] LCP [illegible] PWdump [illegible] SAM [illegible].

[illegible]

[illegible] Windows NT Challenge / Response [illegible] NTLM [illegible] LAN [illegible] (LM Manager) [illegible] NTLMv2 [illegible]:

■ LM authentication: [illegible] Me / 95/98 [illegible] DES [illegible].

■ NTLM authentication: [illegible] NT [illegible] 3 [illegible] DES [illegible] MD4 [illegible].

■ NTLM v2 authentication: [illegible] post-NT Service [illegible] 3 [illegible] MD4 [illegible] MD5 [illegible]

■ Kerberos: [illegible] 2000 [illegible] 2012 [illegible] 10 [illegible] LM [illegible] LM [illegible] 14 [illegible] 7 [illegible] LM [illegible] Dilbert!: [illegible].

1. [illegible] LM [illegible] DILBERT! [illegible].

2. [illegible] 14 [illegible]: DILBERT!_ _ _ _ _ _

3. [illegible] 14 [illegible] 7 [illegible]: DILBERT [illegible]! _ _ _ _ _ _ _

4- [illegible].

[illegible] LM [illegible] SAM [illegible] PWdump7 [illegible].

Bart: 1001:

B79135112A43EC2AAD3B431404EE:

DEAC47322ABERTE67D9C08A7958A:

Homer: 1002:

B83A4FB0461F70A3B435B51404EE:

GFAWERTB7FFE33E43A2402D8DA37:

[illegible] EE [illegible] 1404 [illegible] LM [illegible] Dilbert [illegible] Dilbert! [illegible] (!) [illegible] 1 [illegible] 7 [illegible] 14 [illegible] 14 [illegible].

Attribute	LM	NTLM	NTLMv2
Password	Yes	No	No
Hash	DES	MD4	MD5
Algorithm	DES	DES	HMAC

[illegible]: [illegible] Kerberos [illegible] 2000 [illegible].

[illegible].

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14:35 - 22/02/1399
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□□□□□ - CEH v10 □□□□□ - □□□□ □□□□ □□□ - CEH □□□□ □□□□□□ □□□□□ - CEH □□□□□□ □□□□□ - CEH □□□□ Privilege - □□□□□□ □□□□□ - □□□□□ □□□□□□□ - □□□□□□ □□ - □□□□□□ □□□□□□□ □□□□□□□□ - CEH10 □□□□□□ Escalation

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https://www.shabakeh-mag.com/security/16849/%D8%A2%D9%85%D9%88%D8%B2%D8%B4-c:□□□□
eh-%D9%87%DA%A9%D8%B1-%DA%A9%D9%84%D8%A7%D9%87-
%D8%B3%D9%81%DB%8C%D8%AF-
%DA%AF%D8%B0%D8%B1%D9%88%D8%A7%DA%98%D9%87%E2%80%8C%D9%87%D8%A7-
%DA%86%DA%AF%D9%88%D9%86%D9%87-%D8%B4%DA%A9%D8%B3%D8%AA%D9%87-
%D9%85%DB%8C%E2%80%8C%D8%B4%D9%88%D9%86%D8%AF%D8%9F