

<https://www.xctf.org.cn/ctfs/detail/153/>

De1CTF

比赛介绍

/Contest descriptions

地点:

线上赛

形式:

解题

初始权重:

50.0

赛事权重:

50.0

当前评分:

5分 (0人)

评价截止时间:

2019年8月19日 09:00

官方链接:

<https://De1ctf2019.xctf.org.cn>

时间:

2019年8月3日 09:00——2019年8月5日 09:00 UTC+08:00



比赛详情

/Contest details



本届De1CTF是由XCTF联赛的合作单位De1ta战队组织，由赛宁网安提供技术支持。作为第五届XCTF国际联赛的分站赛，本次比赛将采用在线网络安全夺旗挑战赛的形式，面向全球开放。

此次比赛冠军队伍将直接晋级XCTF总决赛（总决赛具体地点时间待定，将在确定后通知获得资格的国际和国内队伍）。其他参赛的队伍也将获得积分，来竞争XCTF决赛的其他席位。

比赛时间 2019年8月3日09:00-2019年8月5日09:00

奖金

一等奖 1500美元（20%个人所得税）第五届XCTF总决赛名额
二等奖 800美元（20%个人所得税）
三等奖 500美元（20%个人所得税）

题目类别

Pwn、Web security、Crypto、Reverse engineering、Misc

得分和排名

- 1、大多数情况下，flag的形式为`de1ctf{this_is_a_sample_flag}`，请提交包含`de1ctf{}`的完整flag，来进行得分；如果flag是其他形式，题目中会阐明。
- 2、采用动态分值，每道题目的分值将根据解出队伍的数量进行动态计分。
- 3、最终排名根据每个队伍的总分确定，在多个队伍得分相同的情况下，越早达到这一分值的排名越高

竞赛规则

- 1、参赛队伍如有任何违规行为，将被取消比赛资格
- 2、禁止不同参赛队伍合作，或者共享flag、hint等任何比赛相关信息
- 3、禁止攻击比赛平台，如果发现平台漏洞，请务必向我们报告
- 4、禁止在比赛中妨碍其他队伍解题，例如当你解完一道题后对环境进行破坏
- 5、禁止往比赛平台发送大量流量，没有任何题目需要使用扫描器
- 6、禁止对提交的flag进行爆破
- 7、获奖的队伍必须提交完整结题报告
- 8、大赛主办方有权修改包括赛题、规则等一切事项

欢迎全球各地的小伙伴们报名参加！登录XCTF社区了解更多赛事信息！

比赛积分榜/Scoreboard

775 teams total

排名	队伍	单位	ctf比分	积分
主办方	De1ta		0.0	100.00
1	Whitzard	复旦大学	11226.0	100.00
2	Oops	Shanghai Jiao Tong University	9117.0	65.61
3	Balsn	NTU	8852.0	56.09
4	https://ctftime.org/event/768		7559.0	46.17
5	Venom		7016.0	41.25
6	AAA	浙江大学	6569.0	37.59
7	W&M		6526.0	36.21
8	天枢	北京邮电大学	6169.0	33.73
9	Vidar-Team	杭州电子科技大学	5039.0	28.00
10	bi0s		4947.0	27.03

11	NoSugar	4815.0	25.99
12	r3kapig	4678.0	25.00
13	Kap0K 华南理工大学	3828.0	20.90
14	X1cT34m 南京邮电大学	3691.0	20.01
15	KAISTGoN	3568.0	19.23
16	kn0ck	3343.0	18.01
17	NESE丁队	3303.0	17.65
18	***** 复旦大学	3288.0	17.42
19	OpenToAll OpenToAll	2847.0	15.31
20	The_Hack	2812.0	15.02
21	L L	2812.0	14.91
22	Black Bauhinia	2593.0	13.82
23	Syclover CUIT	2533.0	13.46
24	凝聚网安工作室 电子科技大学	2347.0	12.54
25	WreckTheLine	2339.0	12.42
26	dcua PTI NTUU "KPI"	2327.0	12.29
27	\$wagger	2325.0	12.21
28	星盟ctf战队	2170.0	11.45
29	nebula 中国科学技术大学	1937.0	10.35
30	meltdown	1928.0	10.25
31	just_paying	1910.0	10.12
32	NEX 东北大学	1866.0	9.87
33	Xp0int 暨南大学珠海校区	1834.0	9.68
34	ENOFLAG	1784.0	9.42
35	C4T BUT S4D	1763.0	9.28
36	InfoSecIIIR	1737.0	9.13
37	CTD_Elite	1622.0	8.58
38	c0r3dump	1582.0	8.36
39	SUS_2019	1580.0	8.32
40	BXS 中国矿业大学	1574.0	8.26
41	D0g3	1565.0	8.19
42	Zeus WPI	1497.0	7.86
43	Mini-Venom	1436.0	7.56
44	ORAYS	1436.0	7.53

45	C4M31	兰州大学	1435.0	7.50		
46	Lancet	北京航空航天大学	1341.0	7.06		
47	Nupakachi		1287.0	6.80		
48	se4m		1217.0	6.46		
49	M01N		1217.0	6.44		
50	菜鸡互帮互助队		1217.0	6.42		
51	scryptos	scryptos	1194.0	6.30		
52	虽然我很菜但是我有超好吃小橘子队				1168.0	6.16
53	beauty		1105.0	5.87		
54	WannaSmile		1088.0	5.77		
55	kiona		1071.0	5.68		
56	Volcano		1042.0	5.53		
57	F4ck		1036.0	5.49		
58	Aur0ra	Shenzhen University	1025.0	5.43		
59	TEOT		1024.0	5.41		
60	GZCLAB		1011.0	5.34		
61	HackiitUGR		998.0	5.26		
62	Terence		966.0	5.11		
63	Rondo		947.0	5.01		
64	天命		944.0	4.99		
65	egg_Dk		944.0	4.97		
66	LLO		895.0	4.74		
67	GranolaSport		877.0	4.65		
68	L3H Sec		876.0	4.64		
69	Ins3cl4b		876.0	4.63		
70	BugD0sDk		867.0	4.58		
71	NULLKrypt3rs		867.0	4.57		
72	Sudoer		867.0	4.56		
73	D33p5h4d0w		865.0	4.54		
74	Ever404		857.0	4.49		
75	BisonSquad		855.0	4.47		
76	0x90r00t_		854.0	4.46		
77	dream_team		824.0	4.32		
78	TokyoWesterns	MMA+tuat_mcc+CureSecure			821.0	4.30

79	UlisseLabBO	813.0	4.25
80	动态规划安全团队	805.0	4.21
81	SEC_GO	798.0	4.17
82	PwnaSonic	789.0	4.12
83	HC	743.0	3.91
84	noraneco	740.0	3.89
85	Metasequoia	740.0	3.88
86	Sentry Whale	740.0	3.88
87	ddd428	740.0	3.87
88	Blue-Whale 中国海洋大学	739.0	3.86
89	w0odpeck3r	738.0	3.85
90	KualityCore	738.0	3.84
91	null2root	737.0	3.83
92	chuddy	725.0	3.77
93	ais3_2019	690.0	3.61
94	sgdream	682.0	3.57
95	广外暗影刺客	682.0	3.56
96	Tp0t	661.0	3.46
97	YBS xxx	660.0	3.46
98	onotch	648.0	3.40
99	我就来划划水别看我	648.0	3.39
100	究极划水战队	648.0	3.3

Misc 2/7
Crypto 0/5
Pwn 0/6
Reverse 0/5
Web 0/5

We1come
solved: 676 ✓
28 azccmpj|wzlg
pt UFF NIKITI
 J.A.R.V.I.S.

Mine Sweeping
solved: 219 ✓
84 C4M31
pt SUS_2019
 Whitzard

DeepInReal
solved: 5 🔦
833 Venom
pt W&M
 Whitzard

Easy EOS
solved: 4 🔦
869 Whitzard
pt \$wagger
 NoSugar

Upgrade
solved: 4 🔦
869 //ctftime.org/en
pt Whitzard
 W&M

DeepEncrypt
solved: 4
869 NESE丁队
pt Kap0K
 天枢

TF 2019 Qestion
solved: 136
129 //ctftime.org/en
pt Kap0K
 BisonSquad

Misc 2/7
Crypto 0/5
Pwn 0/6
Reverse 0/5
Web 0/5

xorz
solved: 143
123 pt
D0g3
Oops
Rondo

Babylfsr
solved: 40
338 pt
Whitzard
Oops
Zeus WPI

Obscured
solved: 21
500 pt
Oops
Bauhinia Bl:
NESET队

Mini Pure
solved: 4
869 pt
Oops
Balsn
Bauhinia Bl:

Baby Rsa
solved: 48
298 pt
AAA
bi0s
Whitzard

Misc 2/7
Crypto 0/5
Pwn 0/6
Reverse 0/5
Web 0/5

Weapon
solved: 72
219 pt
天枢
天爽
W&M

Unprintable
solved: 7
769 pt
r3kapig
AAA
Vidar-Team

Race
solved: 3
909 pt
Whitzard
Balsn
AAA

BabyRust
solved: 6
800 pt
KAISTGoN
Oops
Whitzard

A+B Judge
solved: 78
206 pt
天枢
Whitzard
网安工作室

Mimic_note
solved: 8
740 pt
Balsn
Venom
天枢



Misc=====

We1come

[t.me https://t.me/De1CTF](https://t.me/De1CTF)

Mine Sweeping

enjoy the game :)

[Mine Sweeping.zip https://share.weiyun.com/5c2K8ls](https://share.weiyun.com/5c2K8ls)

[Mine Sweeping.zip https://drive.google.com/open?](https://drive.google.com/open?)

[id=1qzulMdFolHVr_gxMxUcRQRlbrwb1SRR8](#)

DeeplnReal

层层深入挖掘，发现真相。题目改编自真实案例。

文件大小30GB，请优先下载

Digging deeper and find the real truth. The challenge is based on real case.

File size is 30GB, plz download first!

[deepinreal](#) (weiyun) <https://share.weiyun.com/5JMqJdT>

[deepinreal](#) (baiduyun) <https://pan.baidu.com/s/1O-A-lbRRADLYqK0y9UDX-w>

[deepinreal](#) (google drive)

https://drive.google.com/drive/folders/1qrSPaE1V39a4W3yP8lXHfXAX_SuOlbYk

[deepinreal](#) (mega) <https://mega.nz/#F!SilnRaKA!SBtuAQrevLcjO823h1tnPg>

[deepinreal](#) (mycloud) <http://222.85.25.40/deepinreal/>

Easy EOS

Try to win this game.

account: de1ctf111eos

EOS Jungle2.0 Testnet

You need to win at least 10 times.

You can ask for a flag with the sendmail function. (username: your account, address: your email address)

hint for [Easy EOS]: the num of bet action is in range 0-4. Decompilation is optional.

hint for [Easy EOS]: if you lost, you can't bet anymore with this account.

Upgrade

在挖掘小型设备的漏洞时，通过刷固件getshell是一个很方便的途径，但首先得提取出文件系统。

It's a good way to getshell IOT by repackage firmware, but you need to extract its file system first.

Upgrade.zip <https://share.weiyun.com/5CyNkH3>

Upgrade.zip
https://drive.google.com/file/d/1bVtf48_CPYaCDAtvM0F1PAgX4ekqVB3H/view

hint for [Upgrade]: DIR-850L

DeepEncrypt

Deep Encrypt

Hi, Ming has recently trained a deep encrypt model having used the 'flag_sample.txt' and the 'enc_sample.txt'.

There are totally 512 samples in 'flag_sample.txt' and for each line in the file represents a flag sample. As the same, there are also 512 "encrypted" data in the 'enc_sample.txt' and for each line represents the "encrypted" result for the flag in the same line in 'flag_sample.txt'.

The 'enc.hdf5' is the model that Ming has trained.

Model Input shape: (128,)

Model Output shape: (64,)

Here is also a encrypted flag 'flag_enc.txt' which is encrypted by the model.
Can you give me the raw flag to crack this "Deep Encrypt" model?

nc 139.180.211.97 9999

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/1c7e29cf6db741bf8abce9f5e761341e.zip>

De1CTF 2019 Qestionnaire

Hello everyone, it may take you a few minutes to fill out the questionnaire to help us to do better next time.

<https://www.wenjuan.com/s/RVRBVbl/>

Crypto=====

xorz

xorzzz...

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/6d5dfac785bb422a9d72cb18a55f1319.zip>

Babylfsr

Do some math

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/08cc8e084f274dd589c2fd0d7c780115.zip>

Obscured

nc 45.32.100.6 8003 (Singapore)

nc 39.108.37.223 8003 (China)

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/a031773eb8b3434da85e340d84a18728.zip>

Mini Pure

nc 45.32.100.6 10036 (Singapore)

nc 39.108.37.223 10036 (China)

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/8b6309cca0614bdd8c6b1bc191300355.zip>

hint for [Mini Pure]: No need C or C++ scripts , python or sage scripts is enough

Baby Rsa

rsa is good but the coder may not?

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/f0a409a0f76e4213a421827829921e83.zip>

Pwn=====

Weapon

Do it !

nc 139.180.216.34 8888

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/73a59e112e474def8b8c559c3176871f.zip>

Unprintable

nc 45.32.120.212 9999

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/3231279bfeed46a7926ded663a8db88f.zip>

Race

nc 149.28.159.67:2333

another server:

nc 45.77.240.111:2333

race.zip <https://share.weiyun.com/5h0Tgjm>

race.zip

<https://drive.google.com/file/d/1bDu5devJIQ7mChak1IA8PteEDqfXWEAb/view?usp=sharing>

hint for [Race]: ret2dir

BabyRust

Safe Rust not Safe sometimes

nc 207.148.126.75 60001

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/2b7a479db49848fe97e4ae6031f322b6.zip>

A+B Judge

I build an A+B problem online judge. You can try it!

http://45.77.240.10:11111/

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/09183d7a0f634e30b2f072a589a1587f.zip>

Mimic_note

nc 45.32.120.212 6666

tips: libc is 2.23

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/ed5108e2c68b4554ba8940b0e9236783.zip>

hint for [Mimic_note]: The attachment is update and add a new file, plz download the latest one.

Reverse=====

Re_Sign

UPX

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/6fc5afe660714a7c8d04c4fde4803c37.zip>

Cplusplus

正如它的名字所言，这是一个C++逆问题

As its name suggests, this is a C++ REVERSE.

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/4f7f1b7ed92b40d9b90ce582>

[3caeba06.zip](#)

hint for [Cplusplus]: hashlib.md5("de1ctf{***}").hexdigest() ==
'0e3c375c8112a7c7c00547e54895fdcc'

Evil_boost

刚刚的Cplusplus太简单，这次试试Evil_boost

Cplusplus is too simple before, try Evil_boost this time

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/9e88867e209c4e26b2a86d148aeadd06.zip>

Signal vm

Crack me.

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/768b7f0a54c04789ab25721c4a0cd388.zip>

Signal vm Δ

Another signal vm challenge. You can get the flag automatically, but it may take a LITTLE time.

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/2947bba3354946d5a15c091428420fa4.zip>

Web=====

SSRF Me

SSRF ME TO GET FLAG.

http://139.180.128.86/

hint for [SSRF Me]: flag is in ./flag.txt

9calc

calcalcalc again and again...

9-calc-eposite.3

http://45.77.242.16/

题目附件： 点击下载附件 1

<https://adworld.xctf.org.cn/media/uploads/task/2abcf0412c47452ba5ac71346bc4c3dd.zip>

hint for [9calc]: v1: RCTF2019 calcalcalc v2: OCTF2019 114514calcalcalc v3: 9calc

ShellShellShell

hint : The flag file ,with "flag" keyword ,is in the inside computer.(flag文件在内网的机子上，并且flag文件的文件名带有flag关键字)

shell me plz

server1:

http://123.207.72.148:11027/index.php?action=login

server2:

http://139.180.220.125:11027/index.php?action=login

hint for [ShellShellShell]: Source Code Leakage,for example :
`.index.php.swp`. Code audit ,please

hint for [ShellShellShell]: real flag is in the lan-network, ignore the upload
file's fake flag.

hint for [DeepInReal]: win+w

hint for [DeepInReal]: eth private key

hint for [DeepInReal]: startup folder

hint for [DeepInReal]: ntfs ads

Giftbox

送给小蛮腰的礼物，她是一位美丽的姑娘。

A gift for Canton Tower, a pretty girl.

<http://207.148.79.106:8090> (sg-sgp)

<http://45.76.193.153:8090> (jp-tky)

<http://222.85.25.41:8090> (cn-zgz)

<http://136.244.114.21:8090> (fr-par)

<http://66.42.96.82:8090> (us-lax)

cloudmusic_rev

滑稽云音乐平台 2.0 上线了。

Comical CloudMusis 2.0 is online.

<http://139.180.144.87:9090> (sg-sgp)

<http://222.85.25.41:9090> (cn-zgz)

<http://149.248.17.220:9090> (us-lax)

hint for [cloudmusic_rev]: Any scanner is not helpful.