



链滴

如何搭建 GTA 5 私服 -FiveM 的搭建

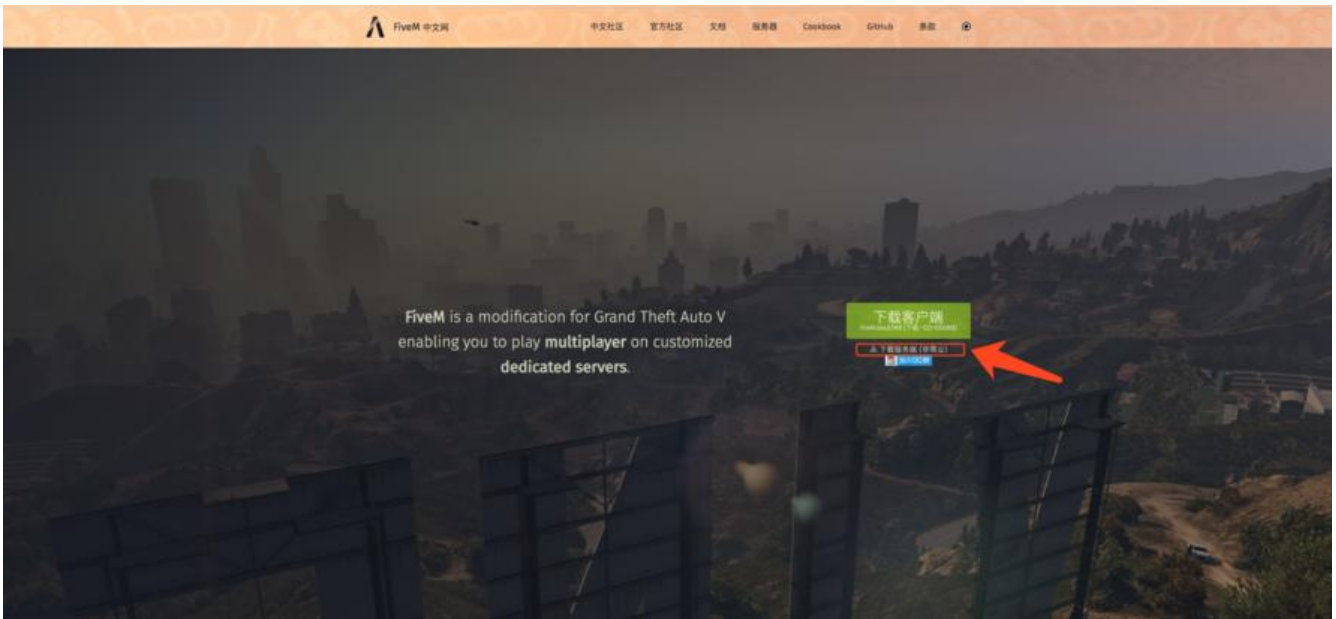
作者: [Leif160519](#)

原文链接: <https://ld246.com/article/1573715855525>

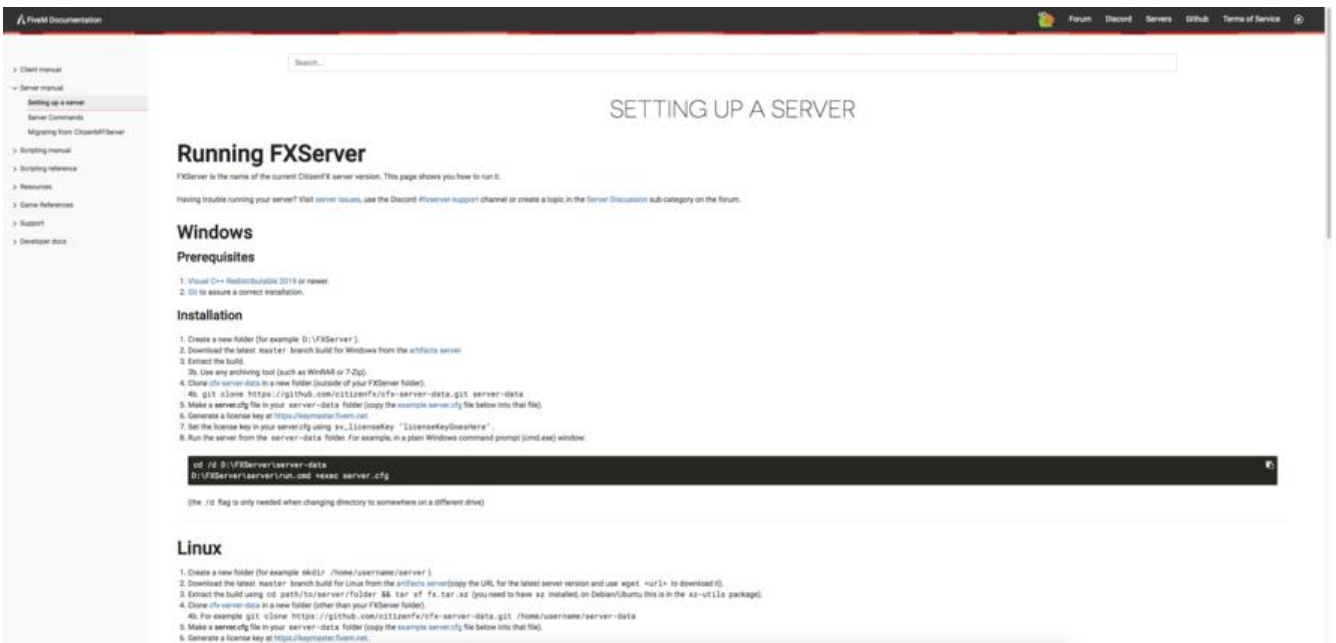
来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

打开官网（中英文皆可），点击 下载服务端(非商业)，如图所示



网页跳转到官方说明文档



该说明文档提供了安装在Windows和Linux上的方法，下面逐一介绍。

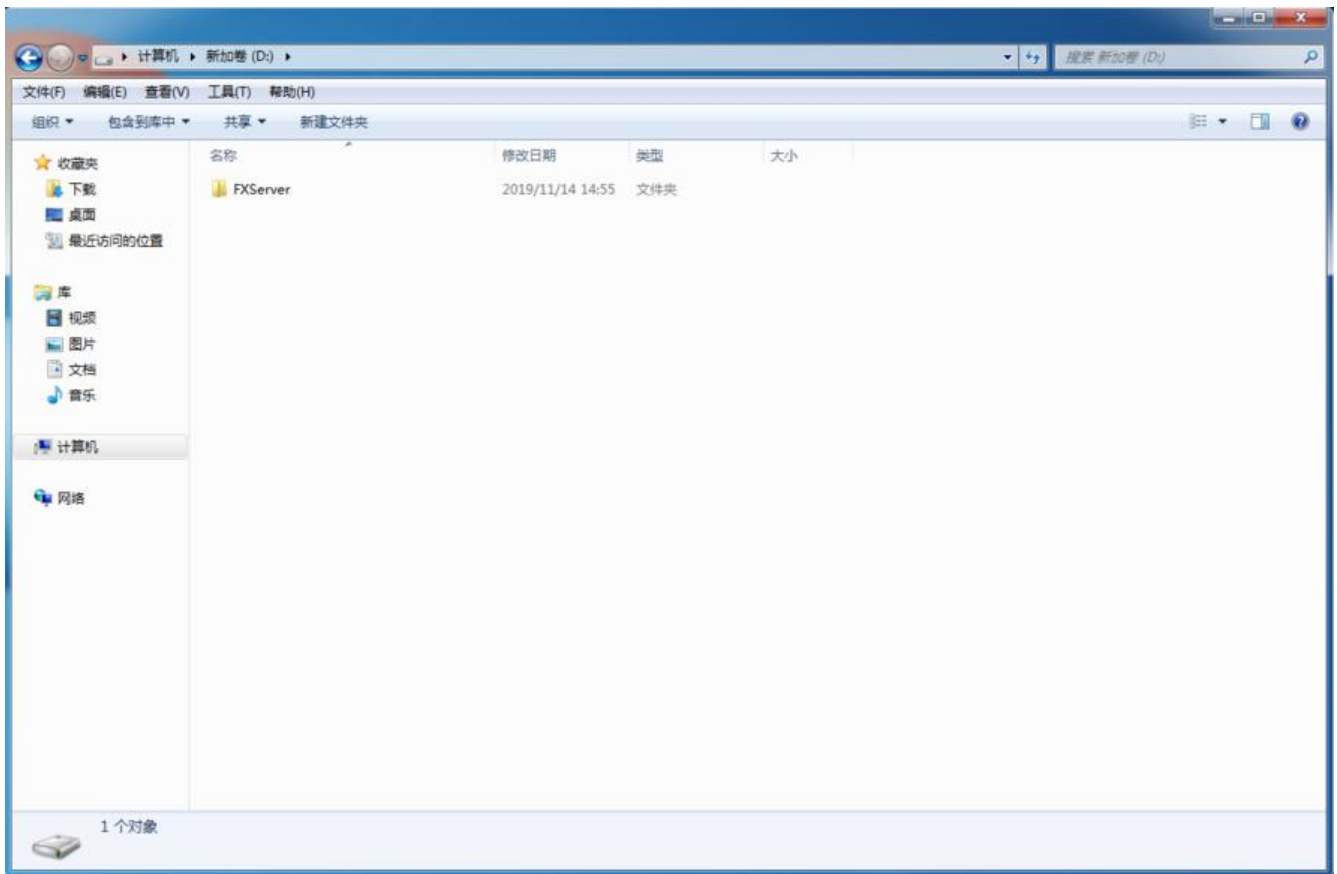
Windows

前提条件:

1. [Visual C++ Redistributable 2019](#)
2. [Git](#)

安装步骤

1. 创建新文件夹为 D:\FxServer



2. 下载最新Windows端服务器文件: [artifacts server](#)

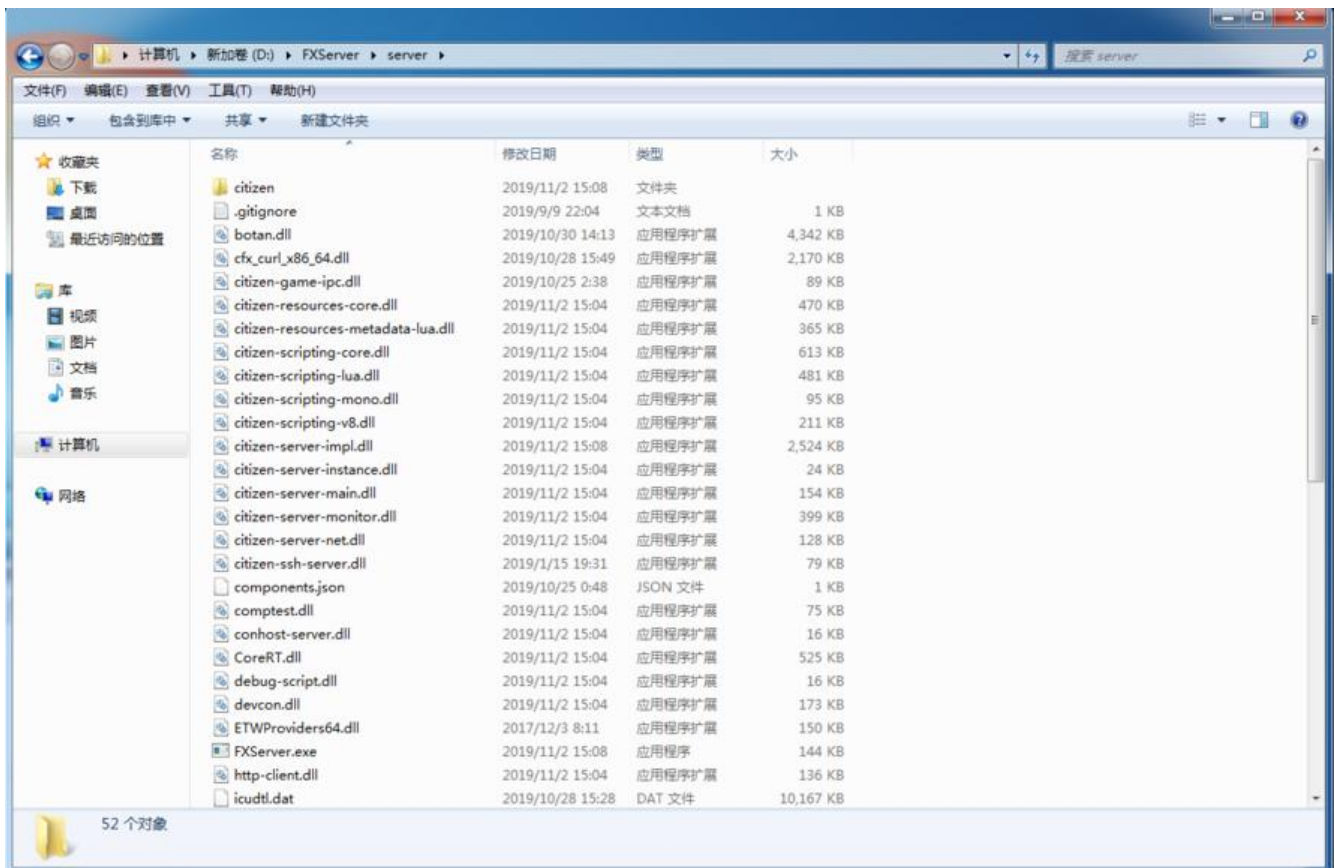
Builds - fiveM/build_server_windows/master/

LATEST RECOMMENDED (1686) **LATEST OPTIONAL (1686)**

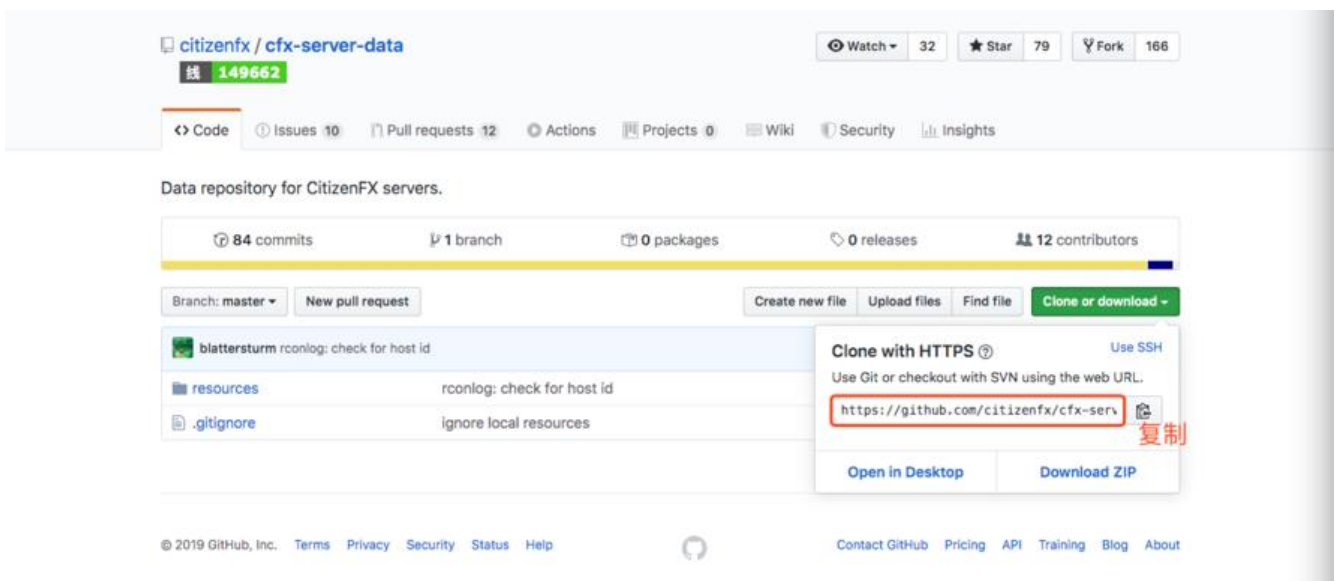
⌵ ..

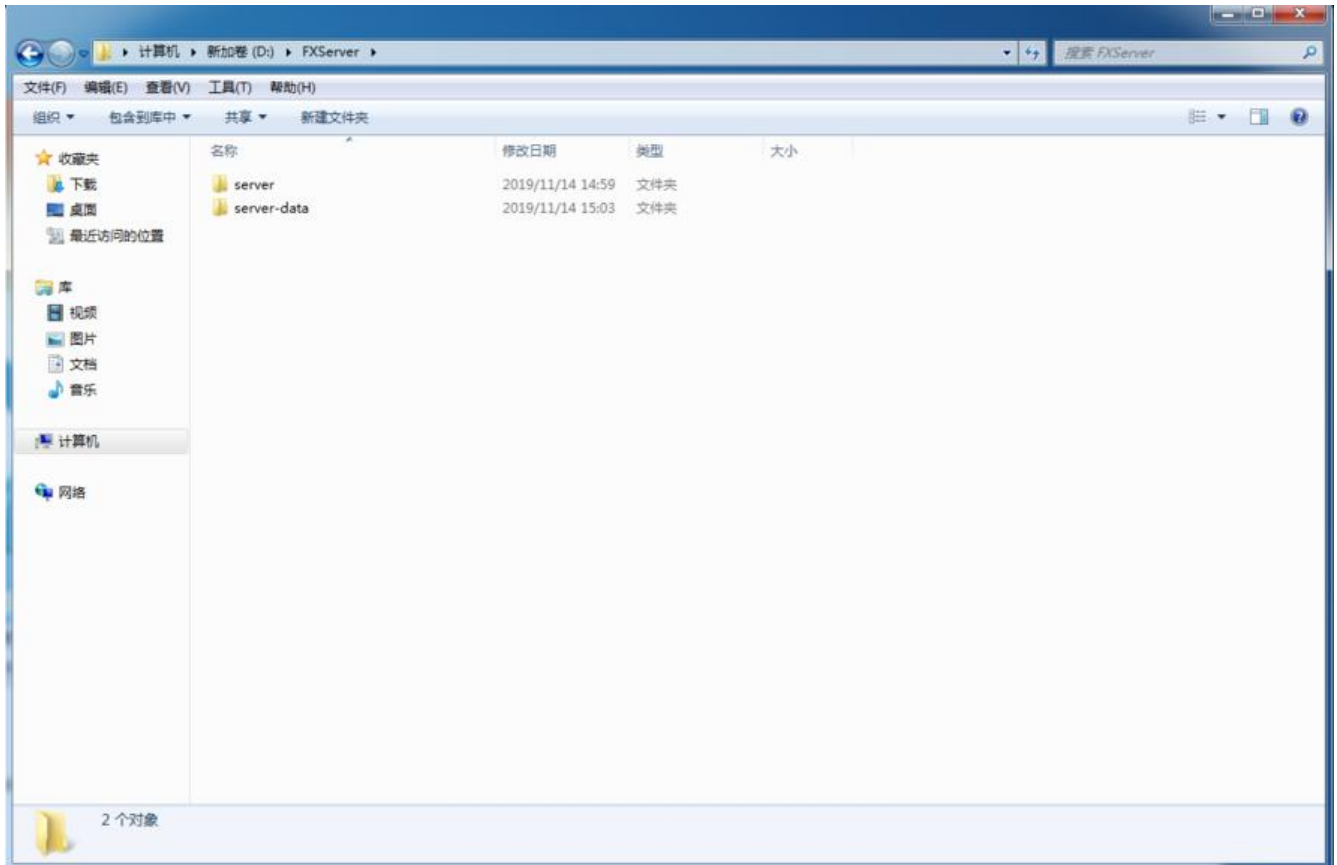
📄 1688	2019-11-02 08:10:04
📄 1687	2019-11-02 08:11:23
📄 1686	2019-11-01 07:43:49
📄 1685	2019-10-31 17:46:41
📄 1684	2019-10-31 10:02:33
📄 1683	2019-10-30 07:27:09
📄 1682	2019-10-29 09:53:10
📄 1681	2019-10-29 08:08:15
📄 1680	2019-10-29 07:36:36
📄 1679	2019-10-29 07:30:56
📄 1678	2019-10-28 20:43:49

3. 解压下载的服务器文件到FxServer文件夹中



4.克隆 `cfx-server-data`到D:\FxServer中，并重命名为`server-data`，且与服务器文件夹`server`同级。命令：`git clone https://github.com/citizenfx/cfx-server-data.git server-data`





5.在server-data文件夹下创建server.cfg配置文件，文件内容来自example server.cfg,内容如下：

```
# Only change the IP if you're using a server with multiple network interfaces, otherwise change the port only.
```

```
endpoint_add_tcp "0.0.0.0:30120"  
endpoint_add_udp "0.0.0.0:30120"
```

```
# These resources will start by default.
```

```
ensure mapmanager  
ensure chat  
ensure spawnmanager  
ensure sessionmanager  
ensure fivem  
ensure hardcap  
ensure rconlog  
ensure scoreboard
```

```
# This allows players to use scripthook-based plugins such as the legacy Lambda Menu.
```

```
# Set this to 1 to allow scripthook. Do note that this does _not_ guarantee players won't be able to use external plugins.
```

```
sv_scripHookAllowed 0
```

```
# Uncomment this and set a password to enable RCON. Make sure to change the password - it should look like rcon_password "YOURPASSWORD"
```

```
#rcon_password ""
```

```
# A comma-separated list of tags for your server.
```

```
# For example:
```

```
# - sets tags "drifting, cars, racing"
```

```

# Or:
# - sets tags "roleplay, military, tanks"
sets tags "default"

# A valid locale identifier for your server's primary language.
# For example "en-US", "fr-CA", "nl-NL", "de-DE", "en-GB", "pt-BR"
sets locale "root-AQ"
# please DO replace root-AQ on the line ABOVE with a real language! :)

# Set an optional server info and connecting banner image url.
# Size doesn't matter, any banner sized image will be fine.
#sets banner_detail "https://url.to/image.png"
#sets banner_connecting "https://url.to/image.png"

# Set your server's hostname
sv_hostname "FXServer, but unconfigured"

# Nested configs!
#exec server_internal.cfg

# Loading a server icon (96x96 PNG file)
#load_server_icon myLogo.png

# convars which can be used in scripts
set temp_convar "hey world!"

# Uncomment this line if you do not want your server to be listed in the server browser.
# Do not edit it if you *do* want your server listed.
#sv_master1 ""

# Add system admins
add_ace group.admin command allow # allow all commands
add_ace group.admin command.quit deny # but don't allow quit
add_principal identifier.fivem:1 group.admin # add the admin to the group

# Hide player endpoints in external log output.
sv_endpointprivacy true

# Server player slot limit (must be between 1 and 32, unless using OneSync)
sv_maxclients 32

# Steam Web API key, if you want to use Steam authentication (https://steamcommunity.com
dev/apikey)
# -> replace "" with the key
set steam_webApiKey ""

# License key for your server (https://keymaster.fivem.net)
sv_licenseKey changeme

```

中文解释:

```

# 一般情况下不用修改!
# 只有使用多个服务器协议的时候才需要更改。默认的TCP和UDP端口为30120
endpoint_add_tcp "0.0.0.0:30120"

```

```
endpoint_add_udp "0.0.0.0:30120"

# 默认启动资源。
start mapmanager
start chat
start spawnmanager
start sessionmanager
start fivem
start hardcap
start rconlog
start scoreboard
start playernames

# 允许玩家使用scripthook挂载的修改器，例如lambda菜单。
# 设置为0可以禁用。
sv_scriptHookAllowed 1

# 取消前面的#可以启动RCON，记住你更改的密码。
#rcon_password changeme          #一般用不到

# 服务器标签，中间用逗号隔开
# 例如：
# - sets tags "drifting, cars, racing"
# 或者：
# - sets tags "roleplay, military, tanks"
sets tags "default"

# 设置服务器横幅或者链接横幅的URL
# 大小没有限制，任何图像都可以。
#sets banner_detail "http://url.to/image.png"
#sets banner_connecting "http://url.to/image.png"

# 设置服务器名称
sv_hostname "My new FXServer!"

# 嵌套配置！一般不改。
#exec server_internal.cfg

# 服务器LOGO图标 (96x96 PNG文件)
#load_server_icon myLogo.png

# 可以在脚本中使用的封面。
set temp_convar "hey world!"

# #如果你不想服务器显示在FiveM网页服务器列表，可以把#号删掉。
#sv_master1 ""

# 只能让Steam或者第三方运营商进入你的FiveM服务器？
# 不要忘记Social Club也是第三方提供商！
# 一般不改
#sv_authMaxVariance 1
#sv_authMinTrust 5

# 添加系统管理员。
```

```
add_ace group.admin command allow # allow all commands
add_ace group.admin command.quit deny # but don't allow quit
add_principal identifier.steam:1 group.admin # add the admin to the group
```

```
# 在外部输出日志上不显示玩家的信息。
sv_endpointprivacy true
```

```
# 服务器人数设置 (必须在 1 到 32)
sv_maxclients 32
```

```
# 服务器密钥 (https://keymaster.fivem.net)
sv_licenseKey changeme
```

需要修改的几项有：

sv_hostname：服务器名称，随便写

load_server_icon：服务器列表显示的图标，去掉#表示开启，自定义图片必须是96x96分辨率的png片而且放在server-data目录中与配置文件同级目录

add_principal identifier.steam:根据注册的账号ID添加管理员

6.去FiveM论坛注册账户

7.再去获取服务器密钥（序列号申请次数无上限）



The screenshot shows the FiveM Keymaster website interface. At the top, there is a navigation bar with 'FiveM Keymaster', 'Home', 'New', and 'Sign out'. Below the navigation bar, a welcome message is displayed: 'Welcome, !'. A message states: 'You currently have 3 keys. You can still register infinite servers.' A red box highlights the 'register' link, and a red text overlay says '点击这里注册，没有数量限制'. Below this, there is a table with the following columns: 'Label', 'Initial IP', 'Key', and 'State'.

Label	Initial IP	Key	State
服务器	...04	obf...	Inactive
FiveM	...114	toxsw...alesn	Active
FiveM	127.0.0.1	ih41emy5...	Active

Home New Sign out

Label 名称, 任意

Server IP address 服务器IP地址

Server type 服务器类型一般选home hosted和VPS即可

Captcha

如果没有, 请挂全局代理
I'm not a robot 
reCAPTCHA
Privacy - Terms

8.申请序列号之后将server.cfg配置文件最后一项的changeme部分替换成上一步申请的序列号即可

```
*D:\FXServer\server-data\server.cfg - Notepad++ [Administrator]
文件(F) 编辑(E) 搜索(S) 视图(V) 编码(N) 语言(L) 设置(T) 工具(O) 宏(M) 运行(R) 插件(P) 窗口(W) ?
start_IP20.bat stop_IP20.bat server.cfg
37 #sets banner_connecting "https://url.to/image.png"
38
39 # Set your server's hostname
40 sv_hostname "FXServer, but unconfigured"
41
42 # Nested configs!
43 #exec server_internal.cfg
44
45 # Loading a server icon (96x96 PNG file)
46 #load_server_icon myLogo.png
47
48 # convars which can be used in scripts
49 set temp_convar "hey world!"
50
51 # Uncomment this line if you do not want your server to be listed in the serv
52 # Do not edit it if you *do* want your server listed.
53 #sv_master1 ""
54
55 # Add system admins
56 add_ace group.admin command allow # allow all commands
57 add_ace group.admin command.quit deny # but don't allow quit
58 add_principal identifier.fivem:1 group.admin # add the admin to the group
59
60 # Hide player endpoints in external log output.
61 sv_endpointprivacy true
62
63 # Server player slot limit (must be between 1 and 32, unless using OneSync)
64 sv_maxclients 32
65
66 # Steam Web API key, if you want to use Steam authentication (https://steamcc
67 # -> replace "" with the key
68 set steam_webApiKey ""
69
70 # License key for your server (https://keymaster.fivem.net)
71 sv_licenseKey changeme 替换成密钥
Normal text file length: 2,462 lines: 71 Ln: 71 Col: 23 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
```

9.打开终端，输入下面两句命令即可启动FiveM服务器：

```
cd /d D:\FXServer\server-data
D:\FXServer\server\run.cmd +exec server.cfg
```

```
C:\Windows\system32\cmd.exe
Found new resource rconlog in D:\FXServer\server-data/resources/[system]/rconlog
Found new resource scoreboard in D:\FXServer\server-data/resources/[system]/scoreboard
Found new resource sessionmanager in D:\FXServer\server-data/resources/[system]/sessionmanager
Found new resource spawnmanager in D:\FXServer\server-data/resources/[system]/spawnmanager
Found new resource betaguns in D:\FXServer\server-data/resources/[test]/betaguns
Found new resource gameInit in D:\FXServer\server-data/resources/[test]/gameInit
Found new resource keks in D:\FXServer\server-data/resources/[test]/keks
Found new resource webpack in D:\FXServer\server-data/resources/[system]/[builders]/webpack
Found new resource yarn in D:\FXServer\server-data/resources/[system]/[builders]/yarn
Creating script environments for sessionmanager
Started resource sessionmanager
Creating script environments for webadmin
Resolved live-internal.fivem.net:30110 to 178.32.9.100:30110
Instantiated instance of script FxWebAdmin.BaseServer.
Instantiated instance of script FxWebAdmin.HttpServer+HttpServerScript.
Started resource webadmin
Creating script environments for monitor
Instantiated instance of script FxMonitor.MonitorInit.
Started resource monitor
Creating script environments for mapmanager
Started resource mapmanager
Creating script environments for chat
Started resource chat
Started resource spawnmanager
Stopping resource sessionmanager
Creating script environments for sessionmanager
Started resource sessionmanager
Started gametype FreeRoam
Started resource fivem
Creating script environments for hardcap
Started resource hardcap
Creating script environments for rconlog
Started resource rconlog
Started resource scoreboard
Authenticating server license key... 验证密钥
Server license key authentication succeeded. Welcome! 服务器启动成功
cfx Sending heartbeat to live-internal.fivem.net:30110
Started map Fivem-map-hipster
Started resource Fivem-map-hipster
Authenticating with nucl...
server thread hitch warning: timer interval of 1092 milliseconds
fff
cccc ff xx xx rr rr eee
cc ffff xx ... fff f ee e
cc ff xx ... ff eeeee
cccc ff xx xx ... rr eeeee
Authenticated with cfx.re Nucl... https://leif0207-x15zre.cfx.re/
Saved Geolite2-Country to D:\FXServer\server\citizen\system_resources/webadmin/Geolite2-Country.mmdb.
```

注意：若觉得每次启动服务器麻烦，可以新建一个bat文件，将上述两句命令粘贴进去，每次启动服务器的时候双击bat文件即可

Linux

由于Linux搭建方法与Windows大同小异，故整理了一个自动化部署脚本

#下载服务器文件

```
wget https://runtime.fivem.net/artifacts/fivem/build_proot_linux/master/1688-c814f804e64c2952269bc5abbac92d7c956f844/fx.tar.xz
```

#下载资源文件

```
git clone https://github.com/citizenfx/cfx-server-data.git server-data
```

#创建文件夹

```
mkdir -p /usr/local/src/FiveM/server
```

#解压服务器文件到指定文件夹

```
tar -xf fx.tar.xz -C /usr/local/src/FiveM/server
```

#复制资源文件到指定文件夹

```
cp -r server-data /usr/local/src/FiveM/
```

#创建配置文件

```
cat <<EOF >/usr/local/src/FiveM/server-data/server.cfg
```

```
# Only change the IP if you're using a server with multiple network interfaces, otherwise change the port only.
```

```
endpoint_add_tcp "0.0.0.0:30120"
```

```
endpoint_add_udp "0.0.0.0:30120"
```

```
# These resources will start by default.
```

```
ensure mapmanager
```

```
ensure chat
```

```
ensure spawnmanager
```

```
ensure sessionmanager
```

```
ensure fivem
```

```
ensure hardcap
```

```
ensure rconlog
```

```
ensure scoreboard
```

```
# This allows players to use scripthook-based plugins such as the legacy Lambda Menu.
```

```
# Set this to 1 to allow scripthook. Do note that this does not guarantee players won't be able to use external plugins.
```

```
sv_scripHookAllowed 0
```

```
# Uncomment this and set a password to enable RCON. Make sure to change the password - it should look like rcon_password "YOURPASSWORD"
```

```
#rcon_password ""
```

```
# A comma-separated list of tags for your server.
```

```
# For example:
```

```
# - sets tags "drifting, cars, racing"
```

```
# Or:
```

```
# - sets tags "roleplay, military, tanks"
```

```

sets tags "default"

# A valid locale identifier for your server's primary language.
# For example "en-US", "fr-CA", "nl-NL", "de-DE", "en-GB", "pt-BR"
sets locale "root-AQ"
# please DO replace root-AQ on the line ABOVE with a real language! :)

# Set an optional server info and connecting banner image url.
# Size doesn't matter, any banner sized image will be fine.
#sets banner_detail "https://url.to/image.png"
#sets banner_connecting "https://url.to/image.png"

# Set your server's hostname
sv_hostname "FXServer, but unconfigured"

# Nested configs!
#exec server_internal.cfg

# Loading a server icon (96x96 PNG file)
#load_server_icon myLogo.png

# convars which can be used in scripts
set temp_convar "hey world!"

# Uncomment this line if you do not want your server to be listed in the server browser.
# Do not edit it if you *do* want your server listed.
#sv_master1 ""

# Add system admins
add_ace group.admin command allow # allow all commands
add_ace group.admin command.quit deny # but don't allow quit
add_principal identifier.fivem:1 group.admin # add the admin to the group

# Hide player endpoints in external log output.
sv_endpointprivacy true

# Server player slot limit (must be between 1 and 32, unless using OneSync)
sv_maxclients 32

# Steam Web API key, if you want to use Steam authentication (https://steamcommunity.com
dev/apikey)
# -> replace "" with the key
set steam_webApiKey ""

# License key for your server (https://keymaster.fivem.net)
sv_licenseKey changeme

EOF

```

将脚本中的changeme替换成服务器密钥即可部署

启动服务

使用如下命令启动:

```
cd /usr/local/src/FiveM/server-data  
/usr/local/src/FiveM/server/run.sh +exec server.cfg
```

切记, 不可用 `/usr/local/src/FiveM/server/run.sh +exec /usr/local/src/FiveM/server-data/server.cfg` 命令启动, 会失败, 具体原因未知

开机自启

为了做到开机自启, 我采用了Supervisor的方式(使用systemctl方式会无限重启, 原因未知):

先创建一个启动服务的脚本 `/usr/local/src/FiveM/start.sh`:

```
cd /usr/local/src/FiveM/server-data && /usr/local/src/FiveM/server/run.sh +exec server.cfg
```

然后在Supervisor的配置文件夹 `/etc/supervisor/conf.d/` 中新建FiveM的启动文件 `fivem.conf`:

```
[program:fivem]  
command=/usr/bin/bash /usr/local/src/FiveM/start.sh  
directory=/usr/local/src/FiveM  
user=root  
stdout_logfile=/var/log/fivem.log  
autostart=true  
autorestart=true  
redirect_stderr=true  
stopsignal=QUIT
```

最后使用 `supervisorctl reload`, 选择 `y` 即可开机自启FiveM服务

```
[root@centos ~]# supervisorctl status  
fivem          RUNNING   pid 3316, uptime 5:24:59
```

实时日志如下(每三分钟发一次心跳):

```
[root@centos ~]# tail /var/log/fivem.log -f  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110  
Sending heartbeat to live-internal.fivem.net:30110
```

连接情况(若是云服务器或者是非本机的电脑需要添加30120的TCP和UDP入站规则):

```
[root@VM_0_7_centos ~]# lsof -i:30120  
COMMAND_ PID USER  FD  TYPE  DEVICE SIZE/OFF NODE NAME  
ld-musl-x 3317 root  28u  IPv4 36571478   0t0  TCP VM_0_7_centos:30120->150.116.85.124  
55130 (ESTABLISHED)  
ld-musl-x 3317 root  31u  IPv4 36470180   0t0  TCP *:30120 (LISTEN)  
ld-musl-x 3317 root  33u  IPv6 36470181   0t0  UDP *:30120
```

```

ld-musl-x 3317 root 35u IPv4 36476879 0t0 TCP VM_0_7_centos:30120->201.75.45.121:
2624 (ESTABLISHED)
ld-musl-x 3317 root 36u IPv4 36477004 0t0 TCP VM_0_7_centos:30120->67.166.27.29:5
882 (ESTABLISHED)
ld-musl-x 3317 root 37u IPv4 36509773 0t0 TCP VM_0_7_centos:30120->adria.kvarteto.
et:50084 (ESTABLISHED)
ld-musl-x 3317 root 38u IPv4 36483951 0t0 TCP VM_0_7_centos:30120->cable-188-2-2
5-27.dynamic.sbb.rs:52447 (ESTABLISHED)
ld-musl-x 3317 root 39u IPv4 36484090 0t0 TCP VM_0_7_centos:30120->49.230.56.194:
0631 (ESTABLISHED)
ld-musl-x 3317 root 40u IPv4 36571801 0t0 TCP VM_0_7_centos:30120->176.148.208.25
:58608 (ESTABLISHED)
ld-musl-x 3317 root 41u IPv4 36484632 0t0 TCP VM_0_7_centos:30120->179.219.232.15
:55005 (ESTABLISHED)
ld-musl-x 3317 root 42u IPv4 36488632 0t0 TCP VM_0_7_centos:30120->client-201.230.
58.233.speedy.net.pe:13723 (ESTABLISHED)
ld-musl-x 3317 root 43u IPv4 36489318 0t0 TCP VM_0_7_centos:30120->112.201.139.65
pldt.net:ema-sent-lm (ESTABLISHED)
ld-musl-x 3317 root 44u IPv4 36504202 0t0 TCP VM_0_7_centos:30120->cpc69049-oxfd
5-2-0-cust839.4-3.cable.virginm.net:55972 (ESTABLISHED)
ld-musl-x 3317 root 45u IPv4 36509900 0t0 TCP VM_0_7_centos:30120->106.203.63.106
64732 (ESTABLISHED)
ld-musl-x 3317 root 46u IPv4 36490560 0t0 TCP VM_0_7_centos:30120->177.155.219.25
58726 (ESTABLISHED)
ld-musl-x 3317 root 47u IPv4 36510686 0t0 TCP VM_0_7_centos:30120->187.21.113.230
51463 (ESTABLISHED)
ld-musl-x 3317 root 48u IPv4 36509557 0t0 TCP VM_0_7_centos:30120->pc-252-52-100
190.cm.vtr.net:50904 (ESTABLISHED)
ld-musl-x 3317 root 49u IPv4 36492966 0t0 TCP VM_0_7_centos:30120->170.254.133.24
:4657 (ESTABLISHED)
ld-musl-x 3317 root 50u IPv4 36512199 0t0 TCP VM_0_7_centos:30120->93-86-107-145
dynamic.isp.telekom.rs:58530 (ESTABLISHED)
ld-musl-x 3317 root 51u IPv4 36523715 0t0 TCP VM_0_7_centos:30120->c-71-193-90-2
5.hsd1.mn.comcast.net:64846 (ESTABLISHED)
ld-musl-x 3317 root 52u IPv4 36515098 0t0 TCP VM_0_7_centos:30120->37.236.124.65:
0517 (ESTABLISHED)
ld-musl-x 3317 root 53u IPv4 36524821 0t0 TCP VM_0_7_centos:30120->ppp-223-24-1
4-28.revip6.asianet.co.th:11693 (ESTABLISHED)
ld-musl-x 3317 root 54u IPv4 36522366 0t0 TCP VM_0_7_centos:30120->c-98-192-236-
50.hsd1.de.comcast.net:58986 (ESTABLISHED)
ld-musl-x 3317 root 55u IPv4 36522517 0t0 TCP VM_0_7_centos:30120->190.200.255.39
17832 (ESTABLISHED)
ld-musl-x 3317 root 56u IPv4 36525992 0t0 TCP VM_0_7_centos:30120->cm-27-145-135
149.revip12.asianet.co.th:52631 (ESTABLISHED)
ld-musl-x 3317 root 57u IPv4 36531724 0t0 TCP VM_0_7_centos:30120->73.126.70.158:
0722 (ESTABLISHED)
ld-musl-x 3317 root 58u IPv4 36555357 0t0 TCP VM_0_7_centos:30120->cpc139088-jarr
5-2-0-cust109.16-2.cable.virginm.net:52928 (ESTABLISHED)
ld-musl-x 3317 root 59u IPv4 36531740 0t0 TCP VM_0_7_centos:30120->c-174-50-61-97
hsd1.la.comcast.net:52188 (ESTABLISHED)
ld-musl-x 3317 root 60u IPv4 36551137 0t0 TCP VM_0_7_centos:30120->187.21.84.137:
5142 (ESTABLISHED)
ld-musl-x 3317 root 61u IPv4 36555172 0t0 TCP VM_0_7_centos:30120->77.202.162.69:
4845 (ESTABLISHED)

```

ld-musl-x 3317 root 62u IPv4 36563973 0t0 TCP VM_0_7_centos:30120->199.199.246.20:63485 (ESTABLISHED)

注意：因为我是放在云服务器上的，所以刚搭建完没多久就有客户端连接上来了

资源占用情况：

```
CPU[|||||] 3.4% Tasks: 48, 191 thr; 1 running
Mem[|||||] 528M/991M Load average: 0.16 0.09 0.10
Swp[|||||] 247M/1024M Uptime: 81 days, 23:50:51
```

PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
3317	root	20	0	795M	89672	3644	S	2.7	8.8	7:52.63	/usr/local/src/FiveM/server/alpine/opt/cfx-server/ld-musl-x86
3373	root	20	0	795M	89672	3644	R	1.3	8.8	2:39.96	/usr/local/src/FiveM/server/alpine/opt/cfx-server/ld-musl-x86
3328	root	20	0	795M	89672	3644	S	0.7	8.8	2:56.14	/usr/local/src/FiveM/server/alpine/opt/cfx-server/ld-musl-x86
3331	root	20	0	795M	89672	3644	R	0.7	8.8	1:17.07	/usr/local/src/FiveM/server/alpine/opt/cfx-server/ld-musl-x86
3320	root	20	0	795M	89672	3644	S	0.0	8.8	0:05.49	/usr/local/src/FiveM/server/alpine/opt/cfx-server/ld-musl-x86
16490	root	20	0	173M	41816	3104	S	0.0	4.1	0:05.69	/usr/local/qcloud/YunJing/YDEyes/YDService