

# Linux 全局配置 Zsh + oh-my-zsh

## 准备 zsh

- 查看当前 shell

```
echo $SHELL
```

- 安装 zsh

```
sudo apt install zsh -y
```

- 为 root 设置默认 shell

```
sudo chsh -s /bin/zsh
```

- 为特定用户设置默认 shell

```
# <username> 替换为实际用户名  
sudo chsh -s /bin/zsh <username>
```

## 全局配置 zsh

注意：以下全局配置相关命令需要 *root* 权限，请切换到 *root* 账号，或者使用 *sudo*。

- 全局安装 zsh 到 /etc 目录

```
sudo git clone https://github.com/robbyrussell/oh-my-zsh.git  
/etc/oh-my-zsh
```

- 从模板文件复制 .zshrc 创建默认配置文件（新用户将使用该配置文件）

```
sudo cp /etc/oh-my-zsh/templates/zshrc.zsh-template  
/etc/skel/.zshrc
```

- 第一行添加 `source /etc/profile` ,确保修改 `/etc/profile` 之后刷新 `.zshrc` 生效

```
vim /etc/skel/.zshrc
```

```
# .zshrc文件第一行添加  
source /etc/profile
```

- 修改 on-my-zsh 的安装目录 `export ZSH=$HOME/.oh-my-zsh` 为 `export ZSH=/etc/oh-my-zsh`

```
sudo sed -i 's|$HOME/.oh-my-zsh|/etc/oh-my-zsh|g' /etc/skel/.zshrc
```

- 更改默认主题（推荐 ys/steeef/af-magic） <https://github.com/ohmyzsh/ohmyzsh/wiki/Themes>

```
# 编辑 /etc/skel/.zshrc 文件修改  
sudo sed -i '/^ZSH_THEME=.*$/c ZSH_THEME="steeef"' /etc/skel/.zshrc  
# 刷新配置  
source /etc/skel/.zshrc
```

新用户登录后，将自动复制 .zshrc 和上述 cache 目录到用户主目录下，并自动加载 zsh 配置。

- 针对现有用户

直接复制 /etc/skel/.zshrc 到 ~/

```
# 执行之后 关闭当前窗口 重新连接  
sudo cp /etc/skel/.zshrc ~/.zshrc && mkdir -p ~/.oh-my-zsh/cache  
&& source ~/.zshrc  
#  
# <username> 替换为实际用户名  
sudo chsh -s /bin/zsh <username>
```

## 全局配置插件

全局安装插件（安装到 /etc/oh-my-zsh/custom/plugins/）

- zsh-autosuggestions：作用是根据历史输入命令的记录即时的提示，然后按键盘 → 即可补全。

```
sudo git clone https://github.com/zsh-users/zsh-autosuggestions.git /etc/oh-my-zsh/custom/plugins/zsh-autosuggestions
```

编辑 `/etc/skel/.zshrc` , 找到 `plugins=(git)` 这一行, 修改为: `plugins=(git zsh-autosuggestions)`

- **zsh-syntax-highlighting: 语法高亮插件。作用: 命令错误会显示红色, 直到你输入正确才会变绿色, 另外路径正确会显示下划线。**

```
sudo git clone https://github.com/zsh-users/zsh-syntax-highlighting.git /etc/oh-my-zsh/custom/plugins/zsh-syntax-highlighting
```

配置启用插件:

编辑 `/etc/skel/.zshrc`

以下部分加入插件的名字

```
plugins=([plugins...] zsh-syntax-highlighting)
```

## `.zshrc` 配置示例

```
source /etc/profile
# If you come from bash you might have to change your $PATH.
# export PATH=$HOME/bin:/usr/local/bin:$PATH

# Path to your oh-my-zsh installation.
export ZSH=/etc/oh-my-zsh

# Set name of the theme to load --- if set to "random", it will
# load a random theme each time oh-my-zsh is loaded, in which case,
# to know which specific one was loaded, run: echo $RANDOM_THEME
# See https://github.com/ohmyzsh/ohmyzsh/wiki/Themes
ZSH_THEME="af-magic"

# Set list of themes to pick from when loading at random
# Setting this variable when ZSH_THEME=random will cause zsh to load
# a theme from this variable instead of looking in $ZSH/themes/
# If set to an empty array, this variable will have no effect.
# ZSH_THEME_RANDOM_CANDIDATES=( "robbyrussell" "agnoster" )

# Uncomment the following line to use case-sensitive completion.
# CASE_SENSITIVE="true"

# Uncomment the following line to use hyphen-insensitive completion.
# Case-sensitive completion must be off. _ and - will be
interchangeable.
# HYPHEN_INSENSITIVE="true"
```

```
# Uncomment one of the following lines to change the auto-update
behavior
# zstyle ':omz:update' mode disabled # disable automatic updates
# zstyle ':omz:update' mode auto     # update automatically without
asking
# zstyle ':omz:update' mode reminder # just remind me to update when
it's time

# Uncomment the following line to change how often to auto-update (in
days).
# zstyle ':omz:update' frequency 13

# Uncomment the following line if pasting URLs and other text is
messed up.
# DISABLE_MAGIC_FUNCTIONS="true"

# Uncomment the following line to disable colors in ls.
# DISABLE_LS_COLORS="true"

# Uncomment the following line to disable auto-setting terminal title.
# DISABLE_AUTO_TITLE="true"

# Uncomment the following line to enable command auto-correction.
# ENABLE_CORRECTION="true"

# Uncomment the following line to display red dots whilst waiting for
completion.
# You can also set it to another string to have that shown instead of
the default red dots.
# e.g. COMPLETION_WAITING_DOTS="%F{yellow}waiting...%f"
# Caution: this setting can cause issues with multiline prompts in zsh
< 5.7.1 (see #5765)
# COMPLETION_WAITING_DOTS="true"

# Uncomment the following line if you want to disable marking
untracked files
# under VCS as dirty. This makes repository status check for large
repositories
# much, much faster.
# DISABLE_UNTRACKED_FILES_DIRTY="true"

# Uncomment the following line if you want to change the command
execution time
# stamp shown in the history command output.
# You can set one of the optional three formats:
# "mm/dd/yyyy"|"dd.mm.yyyy"|"yyyy-mm-dd"
# or set a custom format using the strftime function format
specifications,
# see 'man strftime' for details.
```

```
# HIST_STAMPS="mm/dd/yyyy"

# Would you like to use another custom folder than $ZSH/custom?
# ZSH_CUSTOM=/path/to/new-custom-folder

# Which plugins would you like to load?
# Standard plugins can be found in $ZSH/plugins/
# Custom plugins may be added to $ZSH_CUSTOM/plugins/
# Example format: plugins=(rails git textmate ruby lighthouse)
# Add wisely, as too many plugins slow down shell startup.
plugins=(git zsh-autosuggestions zsh-syntax-highlighting)

source $ZSH/oh-my-zsh.sh

# User configuration

# export MANPATH="/usr/local/man:$MANPATH"

# You may need to manually set your language environment
# export LANG=en_US.UTF-8

# Preferred editor for local and remote sessions
# if [[ -n $SSH_CONNECTION ]]; then
#   export EDITOR='vim'
# else
#   export EDITOR='mvim'
# fi

# Compilation flags
# export ARCHFLAGS="-arch x86_64"

# Set personal aliases, overriding those provided by oh-my-zsh libs,
# plugins, and themes. Aliases can be placed here, though oh-my-zsh
# users are encouraged to define aliases within the ZSH_CUSTOM folder.
# For a full list of active aliases, run `alias`.
#
# Example aliases
# alias zshconfig="mate ~/.zshrc"
# alias ohmyzsh="mate ~/.oh-my-zsh"
```