在Windows 10 WSL1 的子系统下完美解决docker的命令问题

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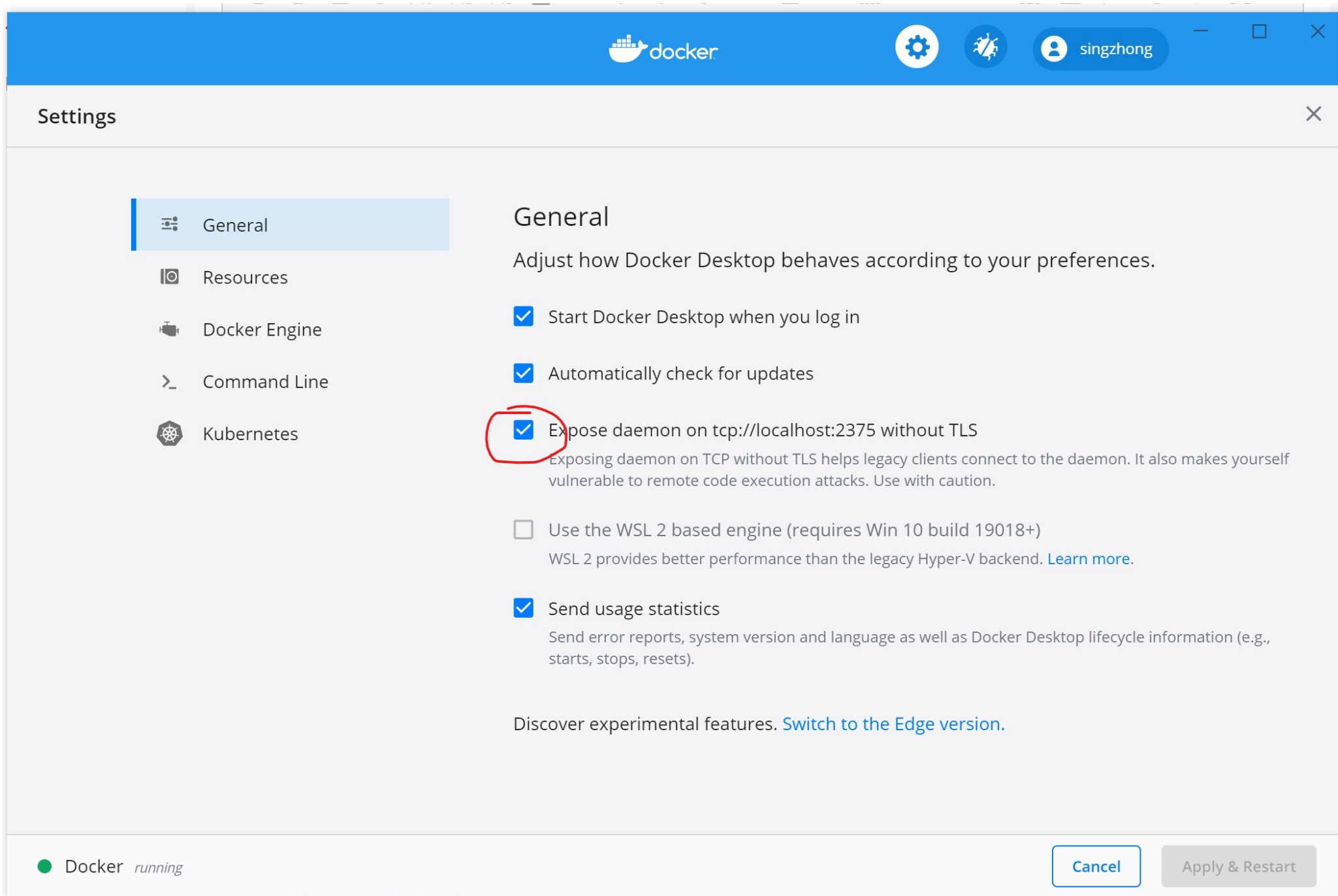分类专栏：　Ubuntu　docker

Ubuntu　同时被 2 个专栏收录▾　　　　　　　　　　0 订阅　　11 篇文章　　订阅专栏

在Windows 10 （1909）安装了子系统 ubuntu　-20.04与windows-docker-2.3.0.3,在WSL1命令行下执行"docker ps"会出现如下问题：

```
The command 'docker' could not be found in this WSL 1 distro.
We recommend to convert this distro to WSL 2 and activate
the WSL integration in Docker Desktop settings.

See https://docs.docker.com/docker-for-windows/wsl/ for details.
```

解决方案

首先在 docker　setting上设置如下图（红圈钩选中部份）

docker　　　⚙　　🐞　　👤 singzhong

Settings　　　　　　　　　　　　　　　　　　　　　　✕

⠿ General	
IO Resources	
🔧 Docker Engine	
>_ Command Line	
⎈ Kubernetes	

General

Adjust how Docker Desktop behaves according to your preferences.

☑ Start Docker Desktop when you log in

☑ Automatically check for updates

☑ Expose daemon on tcp://localhost:2375 without TLS

Exposing daemon on TCP without TLS helps legacy clients connect to the daemon. It also makes yourself vulnerable to remote code execution attacks. Use with caution.

☐ Use the WSL 2 based engine (requires Win 10 build 19018+)

WSL 2 provides better performance than the legacy Hyper-V backend. Learn more.

☑ Send usage statistics

Send error reports, system version and language as well as Docker Desktop lifecycle information (e.g., starts, stops, resets).

Discover experimental features. Switch to the Edge version.

● Docker *running*　　　　　　　　　　　　　　　[Cancel]　[Apply & Restart]

打开Windows PowerShell

```
wsl

sudo apt-get -y install apt-transport-https ca-certificates curl software-properties-common

curl -fsSL https://mirrors.aliyun.com/docker-ce/linux/ubuntu/gpg | sudo apt-key add -

sudo apt remove gpg

sudo apt install gnupg1

sudo apt install software-properties-common

sudo add-apt-repository "deb [arch=amd64] https://mirrors.aliyun.com/docker-ce/linux/ubuntu $(lsb_release -cs) stable"

sudo apt-get -y update

sudo apt-get -y install docker-ce

echo "export DOCKER_HOST=tcp://localhost:2375" >> ~/.bashrc && source ~/.bashrc
```

测试是否正常了

```
docker ps
```

参考：

https://www.jianshu.com/p/97d16b68045f

https://www.cnblogs.com/talentzemin/p/12544273.html