

ubuntu14.04??????IP????????

Ubuntu 14.04 "IP " API geoip-bin geoip-database GeoIP

?????? GeoIP ???

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sudo apt-get update
sudo apt-get install -y geoip-bin geoip-database
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geoip-bin geiopllookup geoip-database GeoIP Country

???????? /home/shuncom/iplist.sh

IP

nano

```
nano /home/shuncom/iplist.sh
```

```
#!/bin/bash

# 
LOG_DIR="/home/shuncom/iplist"
TIMESTAMP=$(date +"%Y-%m-%d_%H-%M-%S")
LOG_FILE="${LOG_DIR}/iplist-${TIMESTAMP}.log"
GEOIP_CMD="geiopllookup"

# 
if [ ! -d "$LOG_DIR" ]; then
    mkdir -p "$LOG_DIR"
fi
```

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# 检查 geoiplookup 命令
if ! command -v $GEOIP_CMD &> /dev/null; then
    echo "Error: geoip-bin not installed. Please run: sudo apt-get install geoip-bin"
    # 记录错误信息
    echo "=== IP Connection Statistics (GeoIP Missing) ===" > "$LOG_FILE"
    echo "Generated at: $(date)" >> "$LOG_FILE"
    echo "ERROR: geoiplookup command not found." >> "$LOG_FILE"
    exit 1
fi

# 生成临时文件
TEMP_FILE=$(mktemp)

# 1. 检查 netstat 和 ss
# 检查 netstat 命令
if command -v netstat &> /dev/null; then
    netstat -ntu 2>/dev/null | awk '{print $5}' | cut -d: -f1 | grep -E '^[0-9]+\.[0-9]+\.[0-9]+\.[0-9]+$' | sort | uniq -c | sort -nr > "$TEMP_FILE"
elif command -v ss &> /dev/null; then
    ss -ntu 2>/dev/null | awk '{print $5}' | cut -d: -f1 | grep -E '^[0-9]+\.[0-9]+\.[0-9]+\.[0-9]+$' | sort | uniq -c | sort -nr > "$TEMP_FILE"
else
    echo "Error: Neither netstat nor ss found." > "$LOG_FILE"
    exit 1
fi

# 2. 生成报告
echo "=== IP Connection Statistics with Country ===" > "$LOG_FILE"
echo "Generated at: $(date)" >> "$LOG_FILE"
echo "Format: Count IP_ADDRESS (COUNTRY_CODE)" >> "$LOG_FILE"
echo "-----" >> "$LOG_FILE"

# 3. 遍历 IP 地址并查找国家
# 遍历 IP 地址并查找国家
while read -r count ip; do
    # 检查 IP 地址
    if [ -z "$ip" ]; then continue; fi

    # 使用 geoiplookup 查找国家 (GeoIP Country Edition: US, United States)
    # 输出国家代码 (US, CN, etc.)

```

```

country_info=$(($GEOIP_CMD "$ip" 2>/dev/null)

# 国家 (国家名称)
# 国家: GeoIP Country Edition: US, United States
if ; then
    country_code=$(echo "$country_info" | sed 's/.*GeoIP Country Edition: \([A-Z][A-Z]\)\.*/\1/')
    country_name=$(echo "$country_info" | sed 's/.*GeoIP Country Edition: [A-Z][A-Z], \(.*/\)\.*/\1/')
    output_line="$(printf '%6s' $count) $ip ($country_code - $country_name)"
else
    # 未知
    output_line="$(printf '%6s' $count) $ip (Unknown - Local/Private)"
fi

echo "$output_line" >> "$LOG_FILE"
done < "$TEMP_FILE"

# 清理
rm -f "$TEMP_FILE"

echo "Log created: $LOG_FILE"

```

Ctrl+0, Enter, Ctrl+X

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```

chmod +x /home/shuncom/iplist.sh

```

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/home/shuncom/iplist.sh

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ls -lt /home/shuncom/iplist/ | head -n 2
# 国家 iplist-2026-03-12_18-00-01.log (国家)
cat /home/shuncom/iplist/iplist-*.log | tail -n 20

```

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```
=== IP Connection Statistics with Country ===
Generated at: Thu Mar 12 18:00:01 ICT 2026
Format: Count IP_ADDRESS (COUNTRY_CODE - Country Name)
-----
369 127.0.0.1 (Unknown - Local/Private)
108 119.59.98.80 (CN - China)
49 45.140.17.97 (NL - Netherlands)
30 45.140.17.26 (NL - Netherlands)
5 49.237.44.244 (TH - Thailand)
5 223.24.143.8 (CN - China)
...
```

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```
1. while [ -n "$IP" ]
do
    geoiplookup $IP
done

2. if [ "$IP" = "127.0.0.1" ]
then
    echo "Local/Private"
fi

3. if [ "$IP" = "*/10 19-22 * * *" ]
then
    echo "2014-2015"
fi

4. if [ -f "/usr/share/geoip/GeoIP.dat" ]
then
    echo ".dat"
fi
```