图的描述

白色圆圈表示网络路径中的中间主机未被端口扫描。

绿色圆圈代表开放端口少于 3 个的端口。

网络距离显示为同心灰色环。 每增加一个环就意味着距离中心主机多一个网络跃点。

如果跃点没有 RTT（缺少 traceroute 条目），则连接以蓝色虚线显示，建立连接的未知主机以蓝色轮廓显示。

使用了traceroute测试

```
>tracert 106.13.45.87

Tracing route to 106.13.45.87 over a maximum of 30 hops

  1     4 ms     4 ms     6 ms   101.5.168.1
  2     2 ms     2 ms     1 ms   172.17.2.25
  3   270 ms     2 ms     2 ms   118.229.4.77
  4     5 ms     4 ms     7 ms   qhu0.cernet.net [202.112.38.69]
  5     5 ms     5 ms     3 ms   101.4.113.233
  6     4 ms     3 ms     3 ms   219.224.103.38
  7     3 ms     3 ms     2 ms   101.4.130.38
  8    30 ms     6 ms     7 ms   182.61.255.40
  9     6 ms     6 ms     6 ms   182.61.216.97
 10     7 ms     6 ms     6 ms   182.61.218.63
 11     *        *        *      Request timed out.
 12     *        *        *      Request timed out.
 13     *        *        *      Request timed out.
 14     *        *        *      Request timed out.
 15     *        *        *      Request timed out.
 16     *        *        *      Request timed out.
 17     *        *        *      Request timed out.
 18     *        *        *      Request timed out.
 19     *        *        *      Request timed out.
 20     7 ms     6 ms     6 ms   106.13.45.87
```

202.112.38.69

202.112.38.69 (qhu0.cernet.net)

Announced By		
Origin AS	**Announcement**	**Description**
AS4538	202.112.0.0/13 ✅	China Education and Research Network
AS4538	202.112.0.0/14 ✅	China Education and Research Network
AS4538	202.112.0.0/15 ✅	China Education and Research Network
AS4538	202.112.0.0/16 ✅	China Education and Research Network

219.224.103.38

219.224.103.38

Announced By		
Origin AS	**Announcement**	**Description**
AS4538	219.224.0.0/13 ✅	Asia Pacific Network Information Centre
AS4538	219.224.0.0/14 ✅	Asia Pacific Network Information Centre

182.61.255.40

Announced By		
Origin AS	**Announcement**	**Description**
AS38365	182.61.224.0/19 ✅	Beijing Baidu Netcom Science and Technology Co., Ltd.

182.61.255.40

```
>tracert 106.13.33.145

Tracing route to 106.13.33.145 over a maximum of 30 hops

  1     5 ms     2 ms     9 ms   101.5.168.1
  2     1 ms     1 ms     5 ms   172.17.2.25
  3     3 ms     2 ms     3 ms   118.229.4.77
  4     7 ms     2 ms     2 ms   202.112.38.5
  5     3 ms     3 ms     3 ms   101.4.113.233
  6     5 ms     5 ms     2 ms   219.224.103.38
  7     8 ms     3 ms     3 ms   101.4.130.34
  8     3 ms     4 ms     7 ms   182.61.255.36
  9     6 ms     4 ms     5 ms   182.61.255.123
 10    28 ms    18 ms     5 ms   182.61.253.181
 11     *        *        *      Request timed out.
 12     *        *        *      Request timed out.
 13     *        *        *      Request timed out.
 14     *        *        *      Request timed out.
 15     *        *        *      Request timed out.
 16     *        *        *      Request timed out.
 17     *        *        *      Request timed out.
 18     *        *        *      Request timed out.
 19     *        *        *      Request timed out.
 20     7 ms    10 ms     6 ms   106.13.33.145
```

命令描述

```
-sn - 禁用端口扫描
-T4  -T<0-5>：设置timing template(时序模板)（越高越快），提高质量和性能
-A - 启用操作系统检测、版本检测、脚本扫描和跟踪路由
-v - 增加详细程度（print more information about the scan in progress ）
```