

对WAP4410N无线N接入点的Ping测试

客观

Ping是诊断在设备的网络问题的有用的工具。它允许管理员确定多个设备是否能在网络连通通过分析数据传输。ping诊断能提供网络传输时延信息。

本文解释如何执行对WAP4410N无线访问访问接入点的ping测试。

可适用的设备

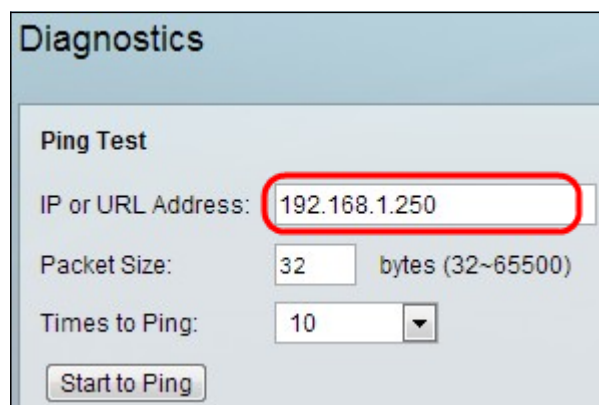
- WAP4410N无线N接入点

软件版本

- 2.0.5.2

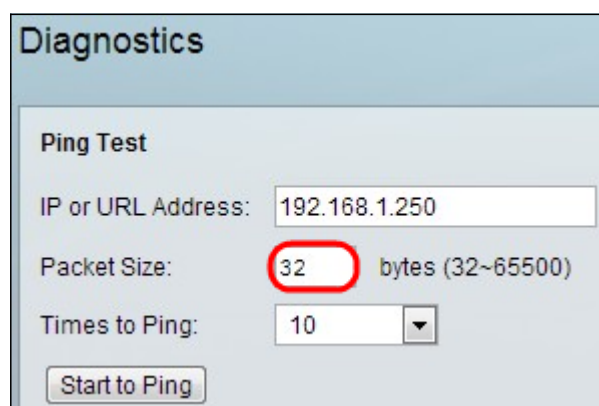
Ping 测试

步骤1.登陆到Web配置工具并且选择Administration >页打开的Diagnostics.The 诊断：



The screenshot shows the 'Diagnostics' section with a 'Ping Test' sub-section. The 'IP or URL Address' field is highlighted with a red circle and contains the text '192.168.1.250'. Below it, the 'Packet Size' is set to '32 bytes (32~65500)' and 'Times to Ping' is set to '10'. A 'Start to Ping' button is visible at the bottom.

Step 2.在IP或网址地址字段，请输入设备的IP地址或进入网址检查连接。对本地主机的ping测试将检查在同一个设备的连接测试被执行。在这种情况下，ping信息包在网络不传播。



The screenshot shows the 'Diagnostics' section with a 'Ping Test' sub-section. The 'Packet Size' field is highlighted with a red circle and contains the text '32 bytes (32~65500)'. The 'IP or URL Address' field contains '192.168.1.250' and 'Times to Ping' is set to '10'. A 'Start to Ping' button is visible at the bottom.

第 3 步：在信息包大小字段，请输入ping信息包大小值。DEFAULT值是32。范围是从32到65500。

Diagnostics

Ping Test

IP or URL Address:

Packet Size: bytes (32~65500)

Times to Ping: ▼

5
10
15
Unlimited

步骤4.从时代连接下拉列表选择值。这是次数发送ping信息包到设备或服务。

Diagnostics

Ping Test

IP or URL Address:

Packet Size: bytes (32~65500)

Times to Ping: ▼

步骤5.点击开始连接开始ping诊断测试。一个弹出式窗口显现ping诊断结果。

```

Ping

PING 192.168.1.250 (192.168.1.250): 32 data bytes
32 bytes from 192.168.1.250: icmp_seq=0 ttl=128 time=0.5 ms
32 bytes from 192.168.1.250: icmp_seq=1 ttl=128 time=0.6 ms
32 bytes from 192.168.1.250: icmp_seq=2 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=3 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=4 ttl=128 time=0.5 ms
32 bytes from 192.168.1.250: icmp_seq=5 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=6 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=7 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=8 ttl=128 time=0.4 ms
32 bytes from 192.168.1.250: icmp_seq=9 ttl=128 time=0.4 ms

--- 192.168.1.250 ping statistics ---
10 packets transmitted, 10 packets received, 0% packet loss
round-trip min/avg/max = 0.4/0.4/0.6 ms

```

请检查所有信息包丢失，如果有信息包丢失，移动向下一步。

```

Ping

PING 192.168.1.250 (192.168.1.250): 32 data bytes

--- 192.168.1.250 ping statistics ---
10 packets transmitted, 0 packets received, 100% packet loss

```

有多个原因为什么ping测试也许失效如上所述，常见原因如下是列出的：

- 检查保证IP地址被输入正确地和在网络

- 检查经常能阻止信息转移的防火墙设置。
- 检查保证IP地址管理上没有由访问控制表拒绝。