

Your IP Address is 164.138.82.249**Your IPv6 Address is ::ffff:a48a:52f9**

Check DNS Server Setup

Infoblox.com/DNS-Check

Test Your DNS Configuration Today. Download DNS Advisor Tool for Free.

What is an IP address?

Every computer connected to the internet has a unique public address known as an IP address. The current IP address space (IPv4) consists of 4,294,967,296 addresses. Of these addresses some are reserved for private networks (about 18 million) and others for multicast (about 270 million), so in theory there can never be more than 4 billion computers and servers connected to the internet at any given moment. This is a limiting factor since there are about 7 billion people on earth. There is a new addressing schema being implemented (IPv6) that has 340,282,366,920,938,463,463,374,607,431,768,211,456 possible addresses.

Why does my IP address change?

Some providers want to discourage their clients from running a server (mail, ftp, game or other) on their computer and therefore change the public IP address the user gets regularly. Other providers have fewer addresses than they have subscribers and therefore assign a random address to each user when he connects to the internet and assign that same address to another user after he disconnects. Both these processes are usually done by the Dynamic Host Configuration Protocol server (DHCP server).

What would I need my IP address for?

Some people want to run a mail, ftp or game server on their computer and for that software to run it is usually necessary to enter the public IP address currently assigned to the user into the configuration. Other people would like to use a remote desktop application and want to know what IP address to connect to from a remote location.

giffgaff

The mobile network run by you



For only
**£12 a
month get:**

- 250 minutes
- Ultd texts
- Ultd Internet

Packet Loss: ?
Unable to test. Mouse over for more information.

Ping: ?
28 ms

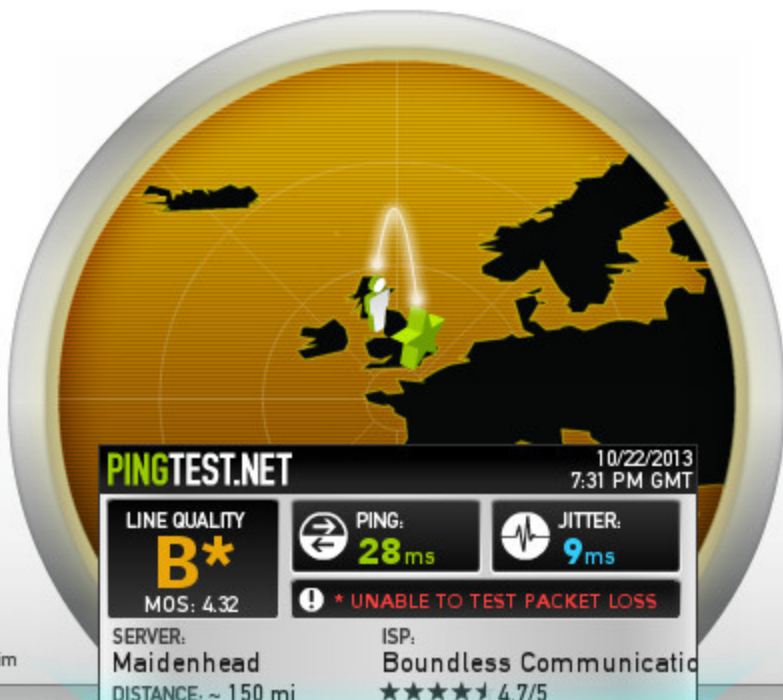
Jitter: ?
9 ms

YOUR GRADE: B*
Very good! Your connection should work well for any Internet application. Some online games may not perform optimally.
[LEARN MORE ABOUT GRADES](#)

 **164.138.82.249**
Boundless Communications Lim



Rate your ISP



[→ Test Again](#)

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OOKLA SPEEDTEST

CREATE ACCOUNT

MY RESULTS

SUPPORT

SETTINGS

LOGIN



Too Slow?
Test again with a faster web browser.

Download Google Chrome



PING
30 ms



DOWNLOAD SPEED
10.05 Mbps



UPLOAD SPEED
4.89 Mbps

SHARE THIS RESULT

TOO SLOW?
Try a faster
web browser.



Get Chrome

by Google

Are you on
Boundless Communications
Limited?

Take our Broadband Internet Survey!

GET A FREE OOKLA SPEEDTEST-ACCOUNT

Your Email Address

CREATE

Being logged in would allow you to
start a Speed Wave here!

164 138 82 249
Boundless Communications Limited
★★★★★ Rate Your ISP

TEST AGAIN

NEW SERVER

Lancaster
Hosted by
LUNS Ltd

Too Slow?

Boost your
PC Speed with
RegClean Pro



START
SCAN

C:\Windows\system32\cmd.exe

Tracing route to cluster4.vap.vodafone.co.uk [212.183.133.177]
over a maximum of 30 hops:

1	2 ms	1 ms	<1 ms	192.168.1.1
2	4 ms	3 ms	2 ms	225.82.138.164.boundlesscomms.net [164.138.82.225]
3	5 ms	5 ms	14 ms	spsp.lopn.boundlesscomms.net [172.16.252.121]
4	11 ms	8 ms	8 ms	172.17.0.1
5	11 ms	7 ms	5 ms	pres-geam-1a-ge45.network.virginmedia.net [94.174.182.245]
6	18 ms	14 ms	14 ms	pres-core-2a-ae2-0.network.virginmedia.net [80.0.160.73]
7	26 ms	12 ms	14 ms	leed-bb-1c-ae12-0.network.virginmedia.net [213.105.159.193]
8	15 ms	29 ms	37 ms	nrth-bb-1c-et-200-0.network.virginmedia.net [62.253.175.214]
9	28 ms	18 ms	13 ms	nrth-bb-1b-ae11-0.network.virginmedia.net [62.253.174.109]
10	23 ms	25 ms	19 ms	tele-ic-4-ae0-0.network.virginmedia.net [62.253.174.18]
11	28 ms	15 ms	17 ms	ldngw1.arcor-ip.net [195.66.224.209]
12	16 ms	16 ms	16 ms	85.205.116.6
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	*	*	*	Request timed out.
21	*	*	*	Request timed out.
22	*	*	*	Request timed out.
23	*	*	*	Request timed out.
24	*	*	*	Request timed out.
25	*	*	*	Request timed out.
26	*	*	*	Request timed out.
27	*	*	*	Request timed out.
28	*	*	*	Request timed out.
29	*	*	*	Request timed out.
30	*	*	*	Request timed out.

Trace complete.

C:\Users\Workshop>