

Fix temporary DNS problems on Windows - ipconfig /flushdns

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My internet connection is coming router over a strange Belarusian ADSL modem "?????????". This device serves as ADSL modem and a Wireless Router.



Periodically I'm experiencing issues with DNS, where there is internet but DNS resolving stops working even though in **ipconfig /all** I can see DNS settings are proper:

```
C:\Users\hipo> ipconfig /all
```

...

Wireless LAN adapter Wireless Network Connection:

```
Connection-specific DNS Suffix . :  
Description . . . . . : Intel(R) Centrino(R) Ultimate-N 6300 AGN  
Physical Address. . . . . : 3C-A9-F4-4C-E7-98  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . . : Yes  
Link-local IPv6 Address . . . . : fe80::5d2f:97b8:9e1a:2b13%63(Preferred)  
IPv4 Address. . . . . : 192.168.100.2(Preferred)  
Subnet Mask . . . . . : 255.255.255.0
```

Lease Obtained. : March 17, 2014 16:57:40 PM
Lease Expires : March 18, 2014 16:57:40 PM
Default Gateway : 192.168.100.1
DHCP Server : 192.168.100.1
DHCPv6 IAID : 1094494708
DHCPv6 Client DUID. : 00-01-00-01-19-CB-1A-5D-A4-5D-36-5A-EB-84

DNS Servers : 8.8.8.8
192.168.100.1
8.8.4.4

NetBIOS over Tcpi. : Enabled

The fix to situation is to Restart Promsvijazy and restart my Notebook. As this fix takes a lot of time I found another "work around". **Make Windows Flush its DNS servers (forget old DNS servers and re-assign them again)**

C:\Users\hipo> ipconfig /flushdns

Windows IP Configuration Successfully flushed the DNS Resolver Cache.

Other useful commands to make connection re-initiate completely are:

ipconfig /renew

Renews all Adapter settings (Lan, Wiki, PPP etc.) - re-assign IPs / re-initiate connections and

ipconfig /release

Releases any established connection