

# IPv6 in Real Life

(Episode II)

Deployment of Popular Servers in IPv6

May 2007 (RIPE-54)

Fernando García – Tecnocom  
Juan P. Cerezo - BT GS Spain

**Tecnocom**

The logo for Tecnocom features the company name in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

# The objective?

- Again: If our wives had a computer with only IPv6 connectivity, what would they see?
- N.B.: Our wives are lawyers and they manage to live without computer skills

**Tecnocom**



# Why?

- Everybody says IPv4 address space will be depleted
- Everybody says “we have to migrate to IPv6”
- But... there is such a thing as real life in IPv6 ?
- Is IPv6 really useful for something more than theoretical discussions or just small talk?

**Tecnocom**



# Investigative method

- No rocket science here
- Just plain lookups in DNS space, some easy-to-do tests
- Plus some web and mail digging
- Remember: We're on our second round

**Tecnocom**



# Investigative method (2)

- Go get the most visited webs per country  
Source: <http://www.alexa.com/>
- And then:
  - Ask the DNS of that domain for...
  - an AAAA DNS entry for the web service and the email (MX), a DNS server with an IPv6 address

**Tecnocom**



# Investigative method (3)

- Making the easier, difficult
- Though you can associate A and AAAA records to [www.example.com](http://www.example.com), many domains do it by different ways:

`www.ipv6.example.com`

`www6.example.com`

`ipv6.example.com`

Periodic scan results are available at:

[http://www.lab.bt.es/ipv6/global\\_results.html](http://www.lab.bt.es/ipv6/global_results.html)

[http://www.lab.bt.es/ipv6/country\\_select.html](http://www.lab.bt.es/ipv6/country_select.html)

**Tecnocom**



# Investigative method (4)

- If there is a IPv6 entry in the DNS, verify that it works following three steps:
  - Open the web page with an IPv6 navigator
  - Telnet to port 25 and do some basic SMTP dialog
  - Dig to the IPv6 DNS server

# Investigative method (5)

- We also verify the DNS hierarchy
  - Root servers with AAAA addressing
  - TLD (gTLD and ccTLD) with AAAA addressing
  - TLD that currently accepts AAAA entries for subdomain DNS servers

**Tecnocom**





# Iconography

- \* Correct, DNS entry and server answers
- # Missing, No DNS entry
- ? Incorrect, DNS entry but no (right) answer

And now, here are the  
results



# Some samples

- In most countries the same results were obtained
- We'll show you average results and some distinguished cases



# Hungary

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
www6.example.com	1		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	3	97	0
DNS	3	97	0

**Tecnocom**



correct Web servers  
www6.atw.hu. 3600 IN AAAA 2a01:270::4

liar Web servers  
[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
bme.hu: nic.bme.hu. 14400 IN AAAA 2001:738:2001:2001::2  
wikipedia.org: pascal.knams.wikimedia.org. 2849 IN AAAA 2001:610:672:1:145:97:39:130  
atw.hu: mail.atw.hu. 3599 IN AAAA 2a01:270::10

liar MX servers

correct DNS servers  
atw.hu: ns1.atw.hu. 3600 IN AAAA 2001:618:1a08:9230::1  
sztaki.hu: ns5.univie.ac.at. 83415 IN AAAA 2001:628:453:4305::53  
sztaki.hu: nic.bme.hu. 14395 IN AAAA 2001:738:2001:2001::2  
bme.hu: nic.bme.hu. 14385 IN AAAA 2001:738:2001:2001::2  
bme.hu: ns.bme.hu. 4278 IN AAAA 2001:738:2001:8001::2

liar DNS servers

# Indonesia

	*	#	?
<a href="http://www.example.com">www.example.com</a>	1		5
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	93	6
SMTP IPv6	2	98	0
DNS	4	96	0

**Tecnocom**



13

correct Web servers

[www.itb.ac.id](http://www.itb.ac.id). 16177 IN AAAA 2001:d30:3:508::136

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

[detik.com](http://detik.com). 16155 IN AAAA 2001:dc6:ff2e:4000::41  
 detiksport.com. 16156 IN AAAA 2001:dc6:ff2e:4000::41  
 detiknews.com. 16158 IN AAAA 2001:dc6:ff2e:4000::41  
 detikhot.com. 16158 IN AAAA 2001:dc6:ff2e:4000::41  
 detikinet.com. 16171 IN AAAA 2001:dc6:ff2e:4000::41  
[www.ipv6.cbn.net.id](http://www.ipv6.cbn.net.id). 10800 IN AAAA 2001:d10:2::80

correct MX servers

wikipedia.org: [pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org). 2756 IN AAAA 2001:610:672:1:145:97:39:130

itb.ac.id: mx2.itb.ac.id. 6471 IN AAAA 2001:d30:3:5::67

itb.ac.id: mx1.itb.ac.id. 6471 IN AAAA 2001:d30:3::236

liar MX servers

correct DNS servers

indosiar.com: ns2.cbn.net.id. 4714 IN AAAA 2001:d10:a:53::53  
 indosiar.com: ns1.cbn.net.id. 4714 IN AAAA 2001:d10:2:53::53  
 klikbca.com: ns2.cbn.net.id. 4713 IN AAAA 2001:d10:a:53::53  
 klikbca.com: ns1.cbn.net.id. 4713 IN AAAA 2001:d10:2:53::53  
 cbn.net.id: ns1.cbn.net.id. 4706 IN AAAA 2001:d10:2:53::53  
 cbn.net.id: ns2.cbn.net.id. 4704 IN AAAA 2001:d10:a:53::53  
 cbn.net.id: ns2.indo.net.id. 76716 IN AAAA 2404:170:33::2  
 itb.ac.id: ns2.itb.ac.id. 76716 IN AAAA 2001:d30:3:1::53  
 itb.ac.id: ns3.itb.ac.id. 76716 IN AAAA 2001:d30:3:278::53  
 itb.ac.id: ns1.itb.ac.id. 76716 IN AAAA 2001:d30:3::53 ns1.itb.ac.id. 76716 IN AAAA 2001:d30:103:3000::53

liar DNS servers

# Spain

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers  
[www.ipv6.elmundo.es](http://www.ipv6.elmundo.es). IN AAAA 2001:450:9:10::115

liar Web servers  
[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1494 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# China

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	0	100	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

liar MX servers

correct DNS servers

liar DNS servers

# The big numbers on web servers

	<b>RIPE 53</b>	<b>RIPE 54</b>
<b>Countries</b>	75	102
<b>Unique domains</b>	4315	4937
<b>Web servers on IPv6</b>	20	21
<b>Unique web servers on IPv6</b>	12	10

**Tecnocom**



Unique domains: domain names appearing in more than one list are counted as one  
Unique web servers: URLs that appears in more than one list are counted as one



# Incorrect webs servers

- Some servers displayed “test”, “it works”, blah, blah... (4)
- Others simply didn't answer (19)
  - 2002: ... 2
  - 2001: ... 16
  - 3FFE: ... 1

**Tecnocom**



## Dont answer

<a href="http://www.ipv6.microsoft.com">www.ipv6.microsoft.com</a>	1679	IN	AAAA	2002:836b:9820::836b:9886
detik.com.	16155	IN	AAAA	2001:dc6:ff2e:4000::41
detiksport.com.	16156	IN	AAAA	2001:dc6:ff2e:4000::41
detiknews.com.	16158	IN	AAAA	2001:dc6:ff2e:4000::41
detikhot.com.	16158	IN	AAAA	2001:dc6:ff2e:4000::41
detikinet.com.	16171	IN	AAAA	2001:dc6:ff2e:4000::41
ipv6.no-ip.com.	60	IN	CNAME	guru3.
6dns.org.guru3.6dns.org.	120	IN	AAAA	2002:51e7:e65f:1::1
<a href="http://www.ipv6.hp.com">www.ipv6.hp.com</a>	3600	IN	AAAA	2001:1890:1109:fc:20b:cdff:fe6b:a9e8
ipv6.hp.com.	3600	IN	AAAA	2001:1890:1109:3006:156:152:32:70
ipv6.denic.de.	86400	IN	AAAA	2001:608:6::1 *
<a href="http://www.galileo.edu">www.galileo.edu</a>	16001	IN	AAAA	2001:1348:1101::14
<a href="http://www.ipv6.hku.hk">www.ipv6.hku.hk</a>	16224	IN	AAAA	2001:ce0:2:117:20d:60ff:fe4d:e7ef
<a href="http://ipv6.sify.com">ipv6.sify.com</a>	86272	IN	AAAA	2001:e48:0:1::3
<a href="http://www.oo.lv">www.oo.lv</a>	300	IN	AAAA	3ffe:4013:2105:1::124
<a href="http://www.cyber.mmu.edu.my">www.cyber.mmu.edu.my</a>		IN	AAAA	2001:e68:2000:6403:a00:20ff:fe95:e3f6
servidor-v6.ipv6.unam.mx.	7200	IN	AAAA	2001:1218:1:6c::2
servidor-v6.ipv6.unam.mx.	7200	IN	AAAA	2001:448:1:6c::2
www6.cyber.net.pk.	14644	IN	AAAA	2001:4538:100::2
<a href="http://www.ipv6rd.net">www.ipv6rd.net</a>	12507	IN	AAAA	2001:a88:0:fffe::15
ipv6.ku.ac.th.	13824	IN	AAAA	2001:3c8:1303:1::10
<a href="http://www.ipv6.vnn.vn">www.ipv6.vnn.vn</a>	86400	IN	AAAA	2001:c20:2001:1101::2

## Test sites and similar

<a href="http://www.ipv6.cbn.net.id">www.ipv6.cbn.net.id</a>	10800	IN	AAAA	2001:d10:2::80
<a href="http://www.ipv6.chello.at">www.ipv6.chello.at</a>	2499	IN	AAAA	2001:730::3:a00:20ff:fe85:962c
<a href="http://ipv6.eircom.net">ipv6.eircom.net</a>	86400	IN	AAAA	2001:bb0:dd0::2
<a href="http://www.ipv6.bt.com">www.ipv6.bt.com</a>	86400	IN	AAAA	2001:618:1:8000::5

# SMTP & DNS servers

## ● SMTP servers

- 9 domains with IPv6 server that answered
- 3 didn't

## ● DNS servers

- 59 domains answered
- 21 didn't

**Tecnocom**



### Correct SMTP servers (domain and server):

bme.hu: nic.bme.hu. 14400 IN AAAA 2001:738:2001:2001::2  
wikipedia.org: pascal.knams.wikimedia.org. 2849 IN AAAA 2001:610:672:1:145:97:39:130  
atw.hu: mail.atw.hu. 3599 IN AAAA 2a01:270::10  
itb.ac.id: mx2.itb.ac.id. 6471 IN AAAA 2001:d30:3:5::67  
itb.ac.id: mx1.itb.ac.id. 6471 IN AAAA 2001:d30:3::236  
univie.ac.at: zidmx2.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:101  
univie.ac.at: zidmx3.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:102  
univie.ac.at: zidmx1.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:100  
galileo.edu: a.mx.galileo.edu. 5466 IN AAAA 2001:1348:1101::11  
ktu.lt: mx-2.ktu.lt. 7200 IN AAAA 2001:778::103  
ktu.lt: mx-1.ktu.lt. 7200 IN AAAA 2001:778::100  
meteo.pt mail02.fccn.pt. 14400 IN AAAA 2001:690:a80:4001::300  
kth.se mx.kth.se. 7200 IN AAAA 2001:6b0:1:1300:20e:7fff:fef0:f8bb  
kth.se mx.kth.se. 7200 IN AAAA 2001:6b0:1:1300:20e:7fff:fe26:4fe1

### SMTP servers that didn't work:

ns.belnet.be.	86306	IN	AAAA	2001:6a8:3c80::14
ns.belnet.be.	86303	IN	AAAA	2001:6a8:3c80::14
ns.belnet.be.	86301	IN	AAAA	2001:6a8:3c80::14

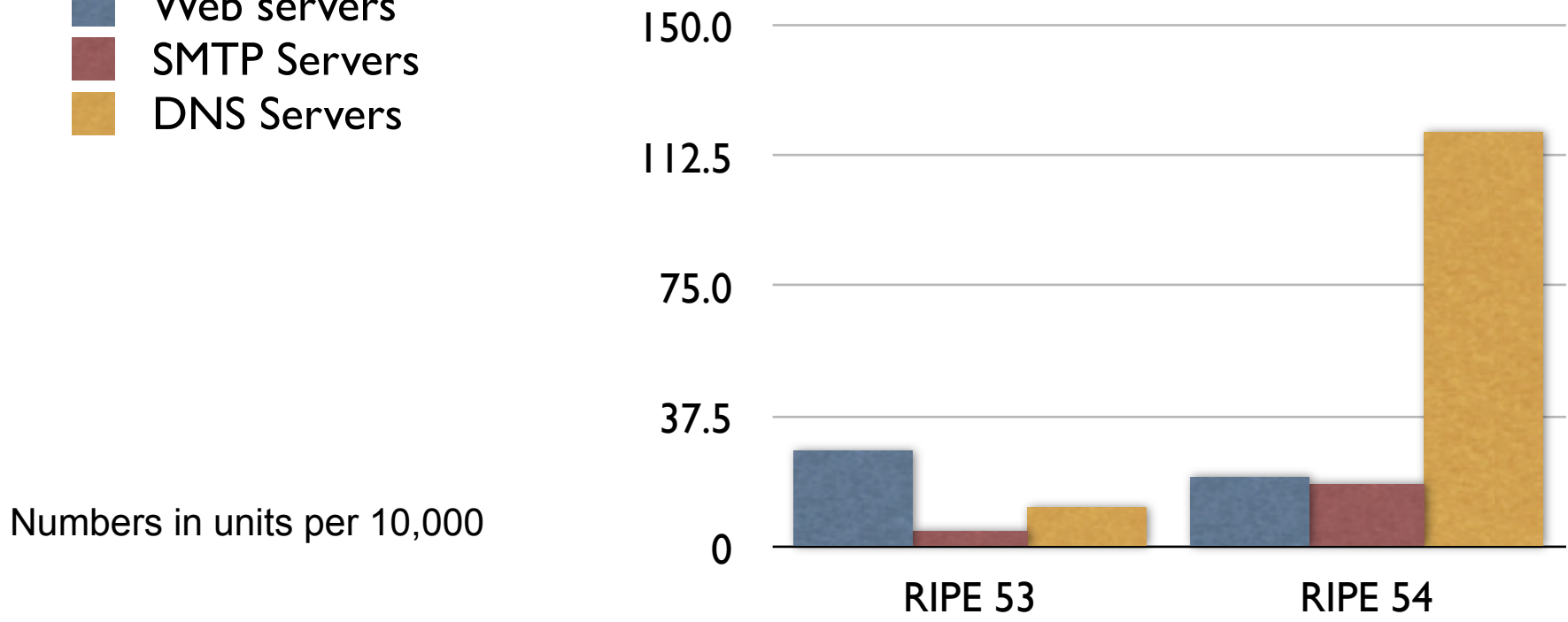
massey.ac.nz: mu-relay1.massey.ac.nz. 9177 IN AAAA 2001:4530:0:2::98  
massey.ac.nz: mu-relay2.massey.ac.nz. 9177 IN AAAA 2001:4530:0:2::99  
war4u.sk: mail.unixik.sk. 3600 IN AAAA 2001:618:400:545f::1

### Correct DNS Servers (domain and server):

atw.hu: ns1.atw.hu. 3600 IN AAAA 2001:618:1a08:9230::1  
sztaki.hu: ns5.univie.ac.at. 83415 IN AAAA 2001:628:453:4305::53  
sztaki.hu: nic.bme.hu. 14395 IN AAAA 2001:738:2001:2001::2  
bme.hu: nic.bme.hu. 14385 IN AAAA 2001:738:2001:2001::2  
bme.hu: ns.bme.hu. 4278 IN AAAA 2001:738:2001:8001::2  
indosiar.com: ns2.cbn.net.id. 4714 IN AAAA 2001:d10:a:53::53  
indosiar.com: ns1.cbn.net.id. 4714 IN AAAA 2001:d10:2:53::53  
klikbca.com: ns2.cbn.net.id. 4713 IN AAAA 2001:d10:a:53::53  
klikbca.com: ns1.cbn.net.id. 4713 IN AAAA 2001:d10:2:53::53  
cbn.net.id: ns1.cbn.net.id. 4706 IN AAAA 2001:d10:2:53::53  
cbn.net.id: ns2.cbn.net.id. 4704 IN AAAA 2001:d10:a:53::53  
cbn.net.id: ns2.indo.net.id. 76716 IN AAAA 2404:170:33::2  
itb.ac.id: ns2.itb.ac.id. 76716 IN AAAA 2001:d30:3:1::53  
itb.ac.id: ns3.itb.ac.id. 76716 IN AAAA 2001:d30:3:278::53  
itb.ac.id: ns1.itb.ac.id. 76716 IN AAAA 2001:d30:3::53 ns1.itb.ac.id. 76716 IN AAAA 2001:d30:103:3000::53  
monash.edu.au: ns7a-v6.its.monash.edu.au. 43021 IN AAAA 2001:388:608c:23e::63  
univie.ac.at: ns3.univie.ac.at. 71364 IN AAAA 2001:62a:4:303::53

# “Growing” rate in IPv6 servers

- Web servers
- SMTP Servers
- DNS Servers



**Tecnocom**



Web:	27.8	20.25
SMTP:	4.63	18.23
DNS:	11.58	119.51

# Funny and/or interesting things

(Not too many changes from previous edition)

**Tecnocom**



# 1st prize

Still showing some kind of “identity crisis”...

```
$ dig www.ipv6.chello.at
```

```
...
```

```
;; ANSWER SECTION:
```

```
www.ipv6.chello.at.86400 IN A  
195.34.131.138
```

```
___www.ipv6.chello.at.86284 IN AAAA  
2001:730::3:a00:20ff:fe85:962c
```

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that underlines the letters.

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">  
<html><head>  
<title>404 Not Found</title>  
</head><body>  
<h1>Not Found</h1>  
<p>The requested URL / was not found on this server.</p>  
<p>Additionally, a 404 Not Found  
error was encountered while trying to use an ErrorDocument to handle the request.</p>  
<hr />  
<address>Apache/2.0.39 Server at www.ipv6.chello.at Port 80</address>  
</body></html>
```

# 2nd prize

The bigger, the better...

```
www.ipv6.microsoft.com. 1679 IN AAAA  
2002:836b:9820::836b:9886
```

Microsoft.com is in the top 100 in every country,  
so we found it when researching every country

**Tecnocom**



# Servers that really works!

[www.ipv6.elmundo.es](http://www.ipv6.elmundo.es). 20539 IN AAAA 2001:800:400:10::115

[www.sch.gr](http://www.sch.gr). 146 IN AAAA 2001:648:1:10:203:baff:fed2:cd07

[www.animesuki.com](http://www.animesuki.com). 86051 IN AAAA  
2001:4d88:ffff:ffff:30:524:ac23:2

wikipedia.org. 60 IN MX 50 [pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org).

...

[pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org). 3600 IN AAAA  
2001:610:672:1:145:97:39:130



# Finally, some good old friends

**Tecnocom**





# Finally, some good old friends

	Web	MX	NS
<code>ripe.net</code>	*	#	*
<code>arin.net</code>	*	#	*
<code>apnic.net</code>	*	#	*
<code>lacnic.net</code>	*	*	*
<code>afrinic.net</code>	#	#	*

**Tecnocom**



# More good ole friends



# More good ole friends

	Web	MX	NS
<code>iana.org</code>	#	#	*
<code>icann.org</code>	#	#	*
<code>ietf.org</code>	*	*	*



# DNS Hierarchy

**Tecnocom**



# Root servers

- 5 root servers operating in IPv6 (No change since RIPE 53)

*(according to [www.root-servers.org](http://www.root-servers.org))*

- But they **STILL** don't appear in `/domain/named.root`, so are nearly invisible
- IOHO, maybe it's time to add them...

**Tecnocom**



# IPv6 Root Servers?

- We need to modify the `/domain/named.root` file of all servers
- Difficult to do in installed base
  - But installed base usually doesn't work with IPv6
- Upgrading/Changing hard/soft to IPv6
  - Get new `named.root` file

**Tecnocom**



# TLD DNS servers

	RIPE 53	RIPE 54
with 4 IPv6 DNS servers	17	15
with 3 IPv6 DNS servers	27	31
with 2 IPv6 DNS servers	51	51
with 1 IPv6 DNS server	72	75
Without IPv6 DNS servers	97	95
<b>TOTALS</b>	<b>264</b>	<b>267</b>



# TLD DNS Servers (2)

gTLD	RIPE-53	RIPE-54
.int	2	2(2)
.biz	2	2(2)
.com	2	2(0)
.info	2	2(0)
.mobi	2	2(0)
.org	3	3(1)
.museum	-	1(1)
.int	-	2(2)

gTLD	RIPE-53	RIPE-54
.aero	1	1(1)
.edu	0	0
.gov	0	0
.mil	0	0
.cat	-	2(2)
.tel	-	2(2)
.travel	-	2(2)
.eu.int	-	0

**Tecnocom**





# RIPE support of DNS

- Many TLD use RIPE IPv6 DNS servers as secondary
  - 4(4) TLD have two RIPE IPv6 DNS servers as secondaries
  - 65(65) TLD have one

**Tecnocom**



LK 2  
TP 2  
UG 2  
ZW 2  
AD 1  
AE 1  
AF 1  
AL 1  
AM 1  
AN 1  
BA 1  
BG 1  
BI 1  
BJ 1  
BT 1  
CI 1  
CM 1  
CR 1  
CU 1  
ER 1  
GA 1  
GE 1  
GL 1  
GP 1  
GS 1  
GT 1  
GY 1  
INT 1  
IS 1  
IT 1  
JM 1  
JO 1  
KG 1  
KH 1  
KI 1  
KZ 1  
LT 1  
LV 1  
LY 1  
MA 1  
MC 1  
ML 1

# But... it's true?

- Exploring **267** TLDs, **146** DNS with ipv6 address were found:
  - **118** unique IPv6 DNS servers answered (serving **155** TLDs)
  - **28** never answered (leaving **17** TLDs unserviced)
  - The remaining **95** TLDs don't have any IPv6 DNS defined



# Popular DNS servers \*

**Tecnocom**



Black: >RIPE-54 figures  
(Grey): >RIPE-53 figures

# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs



# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs
- ns-ext.isc.org/ns-ext.vix.com: **32**(7+13) TLDs



# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs
- ns-ext.isc.org/ns-ext.vix.com: **32**(7+13) TLDs
- ns.ripe.net: **15**(19) TLDs

**Tecnocom**



# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs
- ns-ext.isc.org/ns-ext.vix.com: **32**(7+13) TLDs
- ns.ripe.net: **15**(19) TLDs
- sec3.apnic.net: **13**(10) TLDs



# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs
- ns-ext.isc.org/ns-ext.vix.com: **32**(7+13) TLDs
- ns.ripe.net: **15**(19) TLDs
- sec3.apnic.net: **13**(10) TLDs
- ns2.nic.fr: **8**(8) TLDs





# Popular DNS servers \*

- sunic.sunet.se: **34**(31) TLDs
- ns-ext.isc.org/ns-ext.vix.com: **32**(7+13) TLDs
- ns.ripe.net: **15**(19) TLDs
- sec3.apnic.net: **13**(10) TLDs
- ns2.nic.fr: **8**(8) TLDs
- ns0.ja.net: **5**(8) TLDs



# NICs support

- Do the NICs support IPv6 DNS servers for child zones?
  - Not an exhaustive research
  - Many language problems
  - We think no more than 10 NICs support it



We found traces from the following NICs of the following countries on the TLD exploration, so we expect that these, at least, could serve child zones in in ipv6. But maybe we are wrong... as it happens fot int and eu.int domains.

AT  
CH  
CZ  
DE  
FR  
HU  
IT  
SE  
TEL  
TH  
UK  
VE

So, what the Internet  
Powered by IPv6  
would be like, for our  
dear wives..?

**Tecnocom**



# Last meeting we said...

**Tecnocom**



- Lord Howe Island
  - 11 km long by 3 km wide
  - Population: 350
  - Nearest civilization: 700 km

**Tecnocom**



- Lord Howe Island
  - 11 km long by 3 km wide
  - Population: 350
  - Nearest civilization: 700 km



**Tecnocom**



- Lord Howe Island
  - 11 km long by 3 km wide
  - Population: 350
  - Nearest civilization: 700 km



**Tecnocom**



Lord Howe is VERY  
small and IPv6  
address space is SO

**Tecnocom**







**...Welcome to Greenland!!!**

Extension: 2.166.086 km<sup>2</sup>,

Population: 56.300

**Tecnocom**



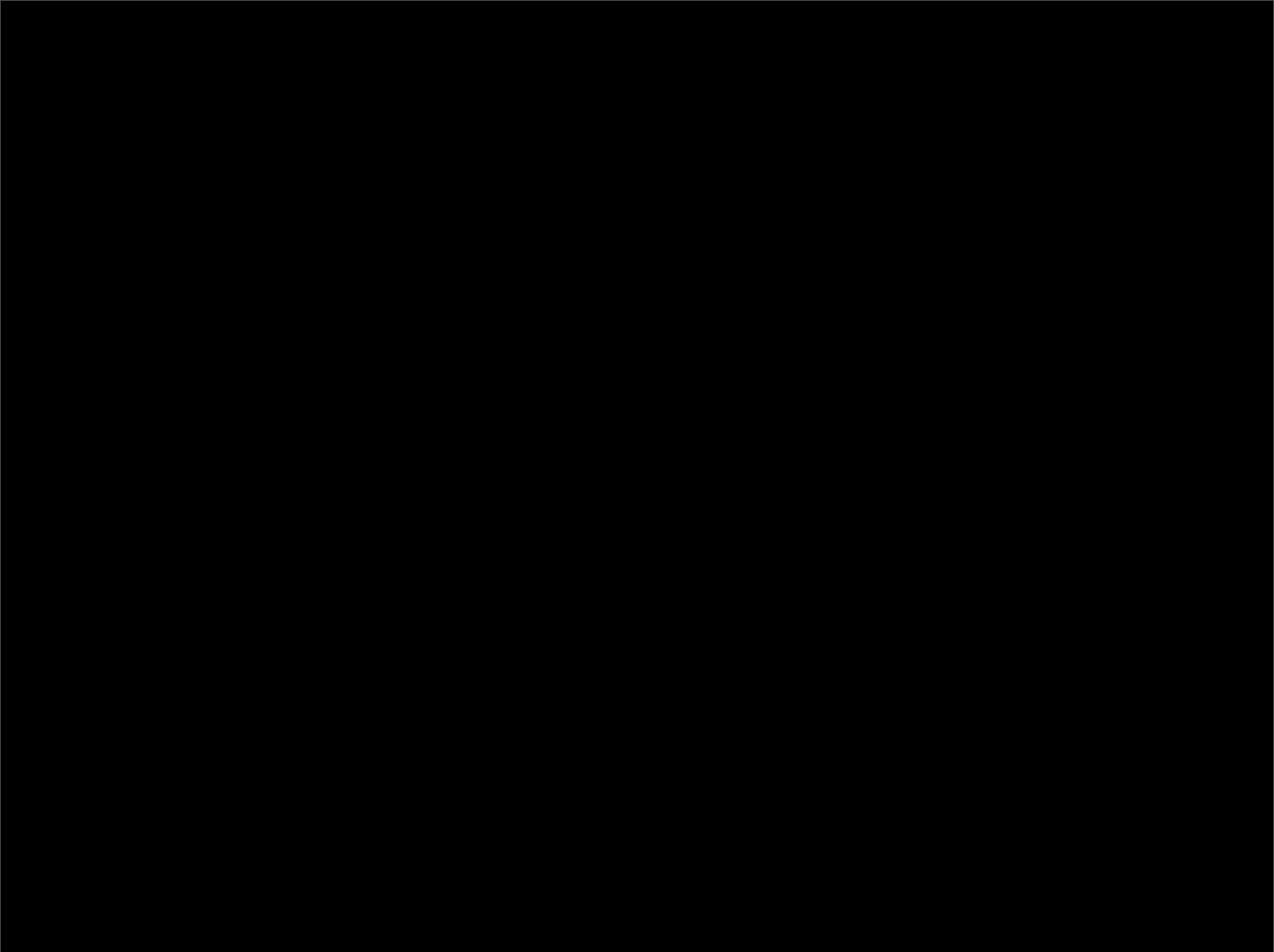
# Questions?

Suggestions & Corrections are welcome

fernando.garcia@tecnocom.es  
juan.cerezo@bt.com

**Tecnocom**





# Algeria

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3600 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Argentina

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3600 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Australia

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	1	99	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3600 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

monash.edu.au: ns7a-v6.its.monash.edu.au. 43021 IN AAAA 2001:388:608c:23e::63

liar DNS servers

# Austria

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		2
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	97	2
SMTP IPv6	2	98	0
DNS	2	98	0




correct Web servers

www.ipv6.t-online.de. 2499 IN AAAA 2003:2:0:f302::1:1

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www.ipv6.chello.at. 2499 IN AAAA 2001:730::3:a00:20ff:fe85:962c

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2238 IN AAAA 2001:610:672:1:145:97:39:130

univie.ac.at: zidmx2.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:101

univie.ac.at: zidmx3.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:102

univie.ac.at: zidmx1.univie.ac.at. 389 IN AAAA 2001:62a:4:25::25:100

liar MX servers

correct DNS servers

univie.ac.at: ns3.univie.ac.at. 71364 IN AAAA 2001:62a:4:303::53

univie.ac.at: ns4.univie.ac.at. 71365 IN AAAA 2001:62a:4:304::53

univie.ac.at: ns5.univie.ac.at. 86400 IN AAAA 2001:628:453:4305::53

uibk.ac.at: ns5.univie.ac.at. 86384 IN AAAA 2001:628:453:4305::53

liar DNS servers

# Bahrain

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2181 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Bangla Desh

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2098 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Belarus

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1976 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Belgium

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	3	97	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1892 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

b-holding.be: ns.belnet.be. 939 IN AAAA 2001:6a8:3c80::14

b-rail.be: ns.belnet.be. 934 IN AAAA 2001:6a8:3c80::14

fgov.be: ns.belnet.be. 933 IN AAAA 2001:6a8:3c80::14

liar DNS servers

# Bolivia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	1		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	1	97	2
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers  
[www.ipv6.elmundo.es](http://www.ipv6.elmundo.es)

liar Web servers  
[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886  
[ipv6.no-ip.com](http://ipv6.no-ip.com). 60 IN CNAME guru3.6dns.org.  
[guru3.6dns.org](http://guru3.6dns.org). 120 IN AAAA 2002:51e7:e65f:1::1

correct MX servers  
[wikipedia.org](http://wikipedia.org): [pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org). 1892 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers  
[ns.belnet.be](http://ns.belnet.be). 86306 IN AAAA 2001:6a8:3c80::14  
[ns.belnet.be](http://ns.belnet.be). 86303 IN AAAA 2001:6a8:3c80::14  
[ns.belnet.be](http://ns.belnet.be). 86301 IN AAAA 2001:6a8:3c80::14

correct DNS servers

liar DNS servers

# Bosnia Herzegovina

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1745 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Brazil

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line arches underneath the text.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1590 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Brunei

	*	#	?
<u>www.example.com</u>	1		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers  
www.animesuki.com. 15902 IN AAAA 2001:4d88:ffff:fff:30:524:ac23:2

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1468 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers  
animesuki.com. 86365 IN AAAA 2001:4d88:ffff:fff:30:524:ac23:2

# Bulgaria

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1377 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Canada

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1317 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Chile

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers

www.ipv6.elmundo.es. AAAA 2001:800:400:10::115

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1248 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Colombia

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	0	100	0
DNS	0	100	0

**Tecnocom**



57

correct Web servers

www.ipv6.elmundo.es. IN AAAA 2001:450:9:10::115

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 832 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Costa Rica

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0



correct Web servers

liar Web servers

```
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886
www.ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:fc:20b:cdff:fe6b:a9e8
ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:70
```

correct MX servers

```
wikipedia.org: pascal.knams.wikimedia.org. 720 IN AAAA 2001:610:672:1:145:97:39:130
```

liar MX servers

correct DNS servers

liar DNS servers

# Croatia

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 660 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Cyprus

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	1	99	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 617 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

ucy.ac.cy: estia.ics.forth.gr. 86400 IN AAAA 2001:648:2c30::191:3

liar DNS servers

# Czech Republic

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	1		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	1	99	0




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 363 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

cuni.cz: ns.ces.net. 3927 IN AAAA 2001:718:1:101::3

muni.cz: ns.ces.net. 3924 IN AAAA 2001:718:1:101::3

liar DNS servers

# Denmark

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	99	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the text.

62

correct Web servers

www.ku.dk. IN AAAA 2001:878:100:12::135

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 319 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

dmi.dk: ns-soa.darenet.dk. 74380 IN AAAA 2001:878:0:100::4



# Dominican Republic

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

www.ipv6.elmundo.es. 20983 IN AAAA 2001:450:9:10::71

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 267 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Ecuador

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		2
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	97	2
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers

www.ipv6.elmundo.es. 20084 IN AAAA 2001:800:400:10::71

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www.ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:fc:20b:cdf:fe6b:a9e8

ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:7

0

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 194 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Egypt

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 134 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# El Salvador

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

www.ipv6.elmundo.es. 20084 IN AAAA 2001:800:400:10::71

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 68 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Estonia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	2	98	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3586 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

postimees.ee: dns.estpak.ee. 86400 IN AAAA 2001:7d0:0:e010::1

tallinn.ee: ns.eunet.ee. 74897 IN AAAA 2001:ad0::

liar DNS servers

# Finland

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	2	98	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3540 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

ns.ipv6.helsinki.fi. 10800 IN AAAA 2001:708:110:30::10

riemurasia.net: ns2.isoveli.org. 91073 IN AAAA 2001:670:a4::a800:c1ff:fe40:f486

liar DNS servers

# France

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3451 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Georgia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	1	99	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the text.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3384 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

forum.ge: ns1.inet.ge. 7200 IN AAAA 2001:6f8:1372:1000::100

liar DNS servers



# Germany

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	1	97	2
SMTP IPv6	1	99	0
DNS	4	96	0




correct Web servers

www.ipv6.t-online.de. 83233 IN AAAA 2003:2:0:f302::1:2  
 www.ipv6.t-online.de. 83233 IN AAAA 2003:2:0:f302::1:1

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.denic.de. 86400 IN AAAA 2001:608:6::1

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3341 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

freenet.de: ns2.roka.net. 5091 IN AAAA 2001:748:100:70::2  
 lokalisten.de: ns3.DNS.Space.Net. 86400 IN AAAA 2001:608:0:f0f::f  
 lokalisten.de: ns4.DNS.Space.Net. 86400 IN AAAA 2001:608:0:81::175  
 denic.de: dns3.denic.de. 75492 IN AAAA 2001:608:6::2  
 4players.de: ns2.roka.net. 5076 IN AAAA 2001:748:100:70::2

liar DNS servers

# Greece

	*	#	?
www.example.com	1		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	2	97	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the text.

72

correct Web servers

www.sch.gr. IN AAAA 2001:648:1:10:203:baff:fed2:cd07

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3290 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

sch.gr: nic.att.sch.gr. 86318 IN AAAA 2001:648::a101:a00:20ff:fec4:663f

sch.gr: nic.sch.gr. 218 IN AAAA 2001:648:1:1:a00:20ff:fed8:e919

liar DNS servers

uoa.gr: nsv6.uoa.gr. 86320 IN AAAA 2001:648:2010::86:cc82

# Guatemala

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	97	3
SMTP IPv6	2	98	0
DNS	0	99	1




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.hp.com. 770 IN AAAA 2001:1890:1109:3006:156:152:32:70  
 www.galileo.edu. 16001 IN AAAA 2001:1348:1101::14

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3171 IN AAAA 2001:610:672:1:145:97:39:130  
 galileo.edu: a.mx.galileo.edu. 5466 IN AAAA 2001:1348:1101::11

liar MX servers

correct DNS servers

liar DNS servers

galileo.edu: b.ns.galileo.edu. 559740 IN AAAA 2001:1348:1101::3  
 galileo.edu: a.ns.galileo.edu. 559739 IN AAAA 2001:1348:1101::2

# Honduras

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	1	99	0




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.hp.com. 504 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3120 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

gob.hn: TLD1.ULTRADNS.NET. 60 IN AAAA 2001:502:d399::1

liar DNS servers

# Hong Kong

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		2
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	97	3
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font with a red swoosh underneath.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www.ipv6.hku.hk. 16224 IN AAAA 2001:ce0:2:117:20d:60ff:fe4d:e7ef

ipv6.no-ip.com. IN AAAA 2002:51e7:e65f:1::1 (test site)

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3071 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# India

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		3
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line arches underneath the text.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
ipv6.sify.com. 86272 IN AAAA 2001:e48:0:1::3

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2813 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Iran

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2662 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Ireland

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	9	91	0




correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886  
[ipv6.eircom.net](http://ipv6.eircom.net). 86400 IN AAAA 2001:bb0:dd0::2

correct MX servers

[wikipedia.org](http://wikipedia.org): [pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org). 2492 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

[flyaerlingus.com](http://flyaerlingus.com): [sec02.ns.esat.net](http://sec02.ns.esat.net). 6566 IN AAAA 2001:7c8:2:a::2  
[ryanair.com](http://ryanair.com): [auth02.ns.esat.net](http://auth02.ns.esat.net). 6563 IN AAAA 2001:7c8:3:2::5  
[ryanair.com](http://ryanair.com): [sec02.ns.esat.net](http://sec02.ns.esat.net). 6563 IN AAAA 2001:7c8:2:a::2  
[paddypower.com](http://paddypower.com): [ns.heanet.ie](http://ns.heanet.ie). 3600 IN AAAA 2001:770:18:4::c101:c1c2  
[365online.com](http://365online.com): [sec02.ns.esat.net](http://sec02.ns.esat.net). 6562 IN AAAA 2001:7c8:2:a::2  
[bookryanair.com](http://bookryanair.com): [auth02.ns.esat.net](http://auth02.ns.esat.net). 6559 IN AAAA 2001:7c8:3:2::5  
[bookryanair.com](http://bookryanair.com): [sec02.ns.esat.net](http://sec02.ns.esat.net). 6559 IN AAAA 2001:7c8:2:a::2  
[one.lt](http://one.lt): [ns1.data.lt](http://ns1.data.lt). 7200 IN AAAA 2001:900::9  
[ucc.ie](http://ucc.ie): [ns1.surfnet.nl](http://ns1.surfnet.nl). 44024 IN AAAA 2001:610:1:800a:192:87:106:101  
[dcu.ie](http://dcu.ie): [ns5.univie.ac.at](http://ns5.univie.ac.at). 83036 IN AAAA 2001:628:453:4305::53  
[ucd.ie](http://ucd.ie): [auth-ns2.ucd.ie](http://auth-ns2.ucd.ie). 7200 IN AAAA 2001:770:98:200::35:2  
[ucd.ie](http://ucd.ie): [scsnms.switch.ch](http://scsnms.switch.ch). 172800 IN AAAA 2001:620::1

liar DNS servers



# Israel

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2437 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Italy

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2386 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Jamaica

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2349 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Japan

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2284 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Jordan

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2109 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Kazakhstan

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font with a red swoosh underneath.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2059 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Kuwait

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:fc:

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2018 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Latvia

	*	#	?
<u>www.example.com</u>	0		1
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www.oo.lv. 300 IN AAAA 3ffe:4013:2105:1::124

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1940 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Lebanon

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1862 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Lithuania

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	2	98	0
DNS	2	97	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

88

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1824 IN AAAA 2001:610:672:1:145:97:39:130

ktu.lt: mx-2.ktu.lt. 7200 IN AAAA 2001:778::103

ktu.lt: mx-1.ktu.lt. 7200 IN AAAA 2001:778::100

liar MX servers

correct DNS servers

one.lt: ns1.data.lt. 7200 IN AAAA 2001:900::9

tele2.lt: ns1.data.lt. 7200 IN AAAA 2001:900::9

liar DNS servers

ktu.lt: slave.dns.lt. 7200 IN AAAA 2001:778::111

# Macao

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

[www.ipv6.hinet.net](http://www.ipv6.hinet.net). 3600 IN AAAA 2001:238::2

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1771 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Macedonia

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1771 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Malaysia

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	99	1




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 www.cyber.mmu.edu.my. IN AAAA 2001:e68:2000:6403:a00:20ff:fe95:e3f6

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1493 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

mmu.edu.my: ns3.mmu.edu.my. 78986 IN AAAA 2001:e68:2000:6403:203:baff:fe04:f040

# Malta

	*	#	?
www.example.com	1		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

[www.um.edu.mt](http://www.um.edu.mt). 15742 IN AAAA 2001:1a70:1:1::40

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1286 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Mauritius

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1286 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Mexico

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		3
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	96	3
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font with a red swoosh underneath.

correct Web servers

www.ipv6.elmundo.es IN AAAA 2001:450:9:10::71

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

servidor-v6.ipv6.unam.mx. 7200 IN AAAA 2001:1218:1:6c::2

servidor-v6.ipv6.unam.mx. 7200 IN AAAA 2001:448:1:6c::2

www.ipv6.hp.com. 1603 IN AAAA 2001:1890:1109:fc:20b:cdff:fe6b:a9e8

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Moldova

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Mongolia

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Morocco

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Netherlands

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# New Zealand

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	98	1
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

massey.ac.nz: mu-relay1.massey.ac.nz. 9177 IN AAAA 2001:4530:0:2::98

massey.ac.nz: mu-relay2.massey.ac.nz. 9177 IN AAAA 2001:4530:0:2::99

correct DNS servers

liar DNS servers

# Nicaragua

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Norway

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1214 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Oman

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		2
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www.ipv6.hp.com. 3063 IN AAAA 2001:1890:1109:fc:20b:cdff:fe6b:a9e8

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2198 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Pakistan

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		1
<u>ipv6.example.com</u>	0		1
Web Totals	0	97	3
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

www6.cyber.net.pk. 14644 IN AAAA 2001:4538:100::2

ipv6.hp.com. 2810 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1908 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Palestinian Territory

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



104

correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1647 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Panama

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	1		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	1	97	2
SMTP IPv6	1	99	0
DNS	0	100	0




105

correct Web servers

www.ipv6.elmundo.es. 14044 IN AAAA 2001:800:400:10::71  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:800:400:10::115  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:450:9:10::71  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:450:9:10::115

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.hp.com. 2364 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1647 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Paraguay

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	1		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers

www.ipv6.elmundo.es. 14044 IN AAAA 2001:800:400:10::71  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:800:400:10::115  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:450:9:10::71  
 www.ipv6.elmundo.es. 14044 IN AAAA 2001:450:9:10::115

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1647 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Peru

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

107

correct Web servers  
www.ipv6.elmundo.es. IN AAAA 2001:450:9:10::71

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 973 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Philippines

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0



correct Web servers

liar Web servers  
 www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
 wikipedia.org: pascal.knams.wikimedia.org. 745 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Poland

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		1
Web Totals	0	98	2
SMTP IPv6	0	100	0
DNS	0	96	4



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 596 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

orange.pl: dns.atman.pl. 14557 IN AAAA 2001:1a68:0:5::10

idg.pl: dns.atman.pl. 14547 IN AAAA 2001:1a68:0:5::10

playmobile.pl: dns2.atman.pl. 14540 IN AAAA 2001:1a68:0:7::68

playmobile.pl: kirdan.nask.net.pl. 43200 IN AAAA 2001:a10:1:ffff::1:f408

pf.pl: ns4.ikp.pl. 86400 IN AAAA 2001:4190:8002:8001::2

liar DNS servers

# Portugal

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	2	98	0
DNS	1	99	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

110

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 244 IN AAAA 2001:610:672:1:145:97:39:130

meteo.pt mail02.fccn.pt. 14400 IN AAAA 2001:690:a80:4001::300

liar MX servers

correct DNS servers

meteo.pt ns02.fccn.pt. 14348 IN AAAA 2001:690:a80:4001::200

liar DNS servers



# Puerto Rico

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3600 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Qatar

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3452 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Romania

	*	#	?
<u>www.example.com</u>	0		1
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	99	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

113

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
guru3.6dns.org. 120 IN AAAA 2002:51e7:e65f:1::1

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3341 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

edu.ro: ns1.roedu.net. 14274 IN AAAA 2001:b30:1800:1201::2

# Russia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3167 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Saudi Arabia

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 3010 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Serbia and Montenegro

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2766 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Singapore

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line sweeps underneath the text from left to right.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2577 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Slovakia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	98	1
DNS	0	99	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the text.

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2360 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

war4u.sk: mail.unixik.sk. 3600 IN AAAA 2001:618:400:545f::1

correct DNS servers

war4u.sk ns.unixik.sk. 3580 IN AAAA 2001:618:400:545f::1

war4u.sk ns1.unixik.sk. 3580 IN AAAA 2001:718:2:980:1:3:3:7

liar DNS servers



# Slovenia

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	98	2

**Tecnocom**



119

correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 2254 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

uni-mb.si niobe.ijs.si. 86400 IN AAAA 2001:1470:ff80::24

arnes.si ns4.arnes.eu. 172800 IN AAAA 2001:620::1

arnes.si niobe.ijs.si. 86397 IN AAAA 2001:1470:ff80::24

liar DNS servers

# South Africa

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	97	3
SMTP IPv6	1	99	0
DNS	0	98	2




correct Web servers

liar Web servers  
 www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:70  
 www.ipv6rd.net. 12507 IN AAAA 2001:a88:0:ffe::15

correct MX servers  
 wikipedia.org: pascal.knams.wikimedia.org. 2085 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers  
 uovs.ac.za: ns.uovs.ac.za. 14297 IN AAAA 2001:4200:5000::12  
 uovs.ac.za: hippo.ru.ac.za. 14146 IN AAAA 2001:4200:1010::1  
 uct.ac.za: hippo.ru.ac.za. 86400 IN AAAA 2001:4200:1010::1

# South Korea

	*	#	?
<u>www.example.com</u>	1		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



121

correct Web servers  
vsix.paran.com. 600 IN AAAA 2001:220:1034::500

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1655 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Sri Lanka

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the text.

122

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

ipv6.hp.com. 2862 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1494 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Sudan

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	2	98	0

**Tecnocom**



correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
ipv6.hp.com. 2669 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1140 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers  
gov.sd: tld1.ultradns.net. 60 IN AAAA 2001:502:d399::1  
gov.sd: ns-sd.ripe.net. 172800 IN AAAA 2001:610:240::53:cc:12:209

liar DNS servers

# Sweden

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	2	98	0
DNS	1	98	1

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

124

correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1009 IN AAAA 2001:610:672:1:145:97:39:130

kth.se mx.kth.se. 7200 IN AAAA 2001:6b0:1:1300:20e:7fff:fe0:f8bb

kth.se mx.kth.se. 7200 IN AAAA 2001:6b0:1:1300:20e:7fff:fe26:4fe1

liar MX servers

correct DNS servers

tele2.se: sunic.sunet.se. 86400 IN AAAA 2001:6b0:7::2

liar DNS servers

kth.se: a.ns.kth.se. 7165 IN AAAA 2001:6b0:1::246

# Switzerland

	*	#	?
www.example.com	0		0
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	98	1
SMTP IPv6	1	99	0
DNS	0	97	3




125

#### correct Web servers

www.ipv6.t-online.de. 86400 IN AAAA 2003:2:0:f302::1:2

#### liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

#### correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 667 IN AAAA 2001:610:672:1:145:97:39:130

#### liar MX servers

#### correct DNS servers

20min.ch: ns1.cyberlink.ch. 6985 IN AAAA 2001:8a8:22::a  
 20min.ch: ns2.cyberlink.ch. 6985 IN AAAA 2001:8a8:20::10  
 20min.ch: ns3.cyberlink.ch. 7200 IN AAAA 2001:8a8:22::10  
 festzeit.ch: ns4.genotec.ch. 3600 IN AAAA 2001:1b50::3:82:195:235:69  
 festzeit.ch: ns2.genotec.ch. 3600 IN AAAA 2001:1b50::82:195:225:5  
 festzeit.ch: ns3.genotec.ch. 3600 IN AAAA 2001:1b50::2:82:195:235:37  
 unisg.ch: scsnms.switch.ch. 172800 IN AAAA 2001:620::1

#### liar DNS servers

# Syrian Arab Republic

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



126

correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 406 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# Taiwan

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		3
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	95	5
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. Below the text is a stylized orange and red swoosh that curves under the letters.

127

correct Web servers

[www.ipv6.hinet.net](http://www.ipv6.hinet.net). 3600 IN AAAA 2001:238::2

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

[guru3.6dns.org](http://guru3.6dns.org). 120 IN AAAA 2002:51e7:e65f:1::1

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 283 IN AAAA 2002:836b:9820::836b:9886

[dns.ipv6.ntu.edu.tw](http://dns.ipv6.ntu.edu.tw). 13911 IN AAAA 2001:e10:800:3::83

correct MX servers

[wikipedia.org](http://wikipedia.org): [pascal.knams.wikimedia.org](http://pascal.knams.wikimedia.org). 8 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Tahiland

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	97	3
SMTP IPv6	1	99	0
DNS	0	93	7




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 ipv6.ku.ac.th. 13824 IN AAAA 2001:3c8:1303:1::10  
 guru3.6dns.org. 120 IN AAAA 2002:51e7:e65f:1::1

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 8 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

pramool.com ns2.inet.co.th. 360 IN AAAA 2001:c00:4618:202::2  
 kapook.com ns1.inet.co.th. 360 IN AAAA 2001:c00:4618:202::1  
 kapook.com ns2.inet.co.th. 352 IN AAAA 2001:c00:4618:202::2  
 sf.in.th ns.tde.co.th. 817 IN AAAA 2002:cb90:f55d::cb90:f55d  
 ns.tde.co.th. 817 IN AAAA 2002:cb90:f55b::cb90:f55b  
 thairath.co.th ns1.inet.co.th. 313 IN AAAA 2001:c00:4618:202::1  
 thairath.co.th ns2.inet.co.th. 305 IN AAAA 2001:c00:4618:202::2  
 ku.ac.th ns.ku.ac.th. 86400 IN AAAA 2001:3c8:1303:1102::10  
 ku.ac.th ns2.ku.ac.th. 86400 IN AAAA 2001:3c8:1303:1125::10  
 dailynews.co.th ns2.inet.co.th. 253 IN AAAA 2001:c00:4618:202::2  
 dailynews.co.th ns1.inet.co.th. 261 IN AAAA 2001:c00:4618:202::1

# Trinidad and Tobago

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
www6.example.com	0		0
ipv6.example.com	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1855 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Tunisia

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		1
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	96	4

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font with a red swoosh underneath.

correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:3006:156:152:32:70

correct MX servers  
wikipedia.org. pascal.knams.wikimedia.org. 1855 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers  
emploi.nat.tn: ns.ati.tn. 86400 IN AAAA 2001:970:1:1::10  
topnet.tn: ns.ati.tn. 86398 IN AAAA 2001:970:1:1::10  
assabah.com.tn: ns.ati.tn. 86395 IN AAAA 2001:970:1:1::10  
meteo.tn: ns.ati.tn. 86400 IN AAAA 2001:970:1:1::10

# Turkey

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line arches underneath the text.

correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1417 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Ukraine

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	1	99	0

The logo for Tecnocom, featuring the word "Tecnocom" in a bold, blue, sans-serif font. A thick, orange, curved line arches underneath the text.

132

correct Web servers

liar Web servers  
www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers  
wikipedia.org: pascal.knams.wikimedia.org. 1195 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers  
lviv.ua: ns5.univie.ac.at. 77600 IN AAAA 2001:628:453:4305::53

liar DNS servers

# United Arab Emirates

	*	#	?
<a href="http://www.example.com">www.example.com</a>	0		0
<a href="http://www.ipv6.example.com">www.ipv6.example.com</a>	0		1
<a href="http://www6.example.com">www6.example.com</a>	0		0
<a href="http://ipv6.example.com">ipv6.example.com</a>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0



correct Web servers

liar Web servers

[www.ipv6.microsoft.com](http://www.ipv6.microsoft.com). 1679 IN AAAA 2002:836b:9820::836b:9886

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 1050 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# United Kingdom

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		2
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
www.ipv6.bt.com. 86400 IN AAAA 2001:618:1:8000::5 (test site)

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 892 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers



# United States

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		2
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	2	98	0




correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 www.ipv6.hp.com. 3600 IN AAAA 2001:1890:1109:fc:20b:cdf:fe6b:a9e8 (test site)

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 737 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

constantcontact.com auth03.ns.uu.net. 3600 IN AAAA 2600:803:5:1::11  
 stumbleupon.com NS2.LAYER42.net. 3600 IN AAAA 2001:1868:2::10  
 stumbleupon.com NS3.LAYER42.net. 3600 IN AAAA 2001:1868:1::10  
 stumbleupon.com NS1.LAYER42.net. 3599 IN AAAA 2001:1868:4:1::10

liar DNS servers

# Uruguay

	*	#	?
www.example.com	0		1
www.ipv6.example.com	0		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	5	95	0




correct Web servers

liar Web servers  
 www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
 guru3.6dns.org. 120 IN AAAA 2002:51e7:e65f:1::1

correct MX servers  
 wikipedia.org: pascal.knams.wikimedia.org. 737 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers  
 bedelias.edu.uy seciu.edu.uy. 86400 IN AAAA 2001:1328:6::5  
 anteldata.com.uy seciu.uy. 86400 IN AAAA 2001:1328:6::5  
 fing.edu.uy seciu.edu.uy. 86395 IN AAAA 2001:1328:6::5  
 ucu.edu.uy seciu.edu.uy. 86389 IN AAAA 2001:1328:6::5  
 ccee.edu.uy seciu.edu.uy. 86387 IN AAAA 2001:1328:6::5

liar DNS servers

# Venezuela

	*	#	?
www.example.com	0		1
www.ipv6.example.com	1		1
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	1	97	2
SMTP IPv6	1	99	0
DNS	0	100	0




correct Web servers

www.ipv6.elmundo.es. 28800 IN AAAA 2001:450:9:10::115

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886

guru3.6dns.org. 120 IN AAAA 2002:51e7:e65f:1::1

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 326 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Vietnam

	*	#	?
www.example.com	0		0
www.ipv6.example.com	0		2
www6.example.com	0		0
ipv6.example.com	0		0
Web Totals	0	98	2
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers

www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886  
www.ipv6.vnn.vn. 86400 IN AAAA 2001:c20:2001:1101::2

correct MX servers

wikipedia.org: pascal.knams.wikimedia.org. 16 IN AAAA 2001:610:672:1:145:97:39:130

liar MX servers

correct DNS servers

liar DNS servers

# Yemen

	*	#	?
<u>www.example.com</u>	0		0
<u>www.ipv6.example.com</u>	0		1
<u>www6.example.com</u>	0		0
<u>ipv6.example.com</u>	0		0
Web Totals	0	99	1
SMTP IPv6	1	99	0
DNS	0	100	0

**Tecnocom**



correct Web servers

liar Web servers  
`www.ipv6.microsoft.com. 1679 IN AAAA 2002:836b:9820::836b:9886`

correct MX servers  
`wikipedia.org: pascal.knams.wikimedia.org. 3600 IN AAAA 2001:610:672:1:145:97:39:130`

liar MX servers

correct DNS servers

liar DNS servers