JARINGAN KOMPUTER

TASK 6

Nama : **Rufiah**

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SISTEM KOMPUTER

FAKULTAS ILMU KOMPUTER UNIVERSITAS SRIWIJAYA

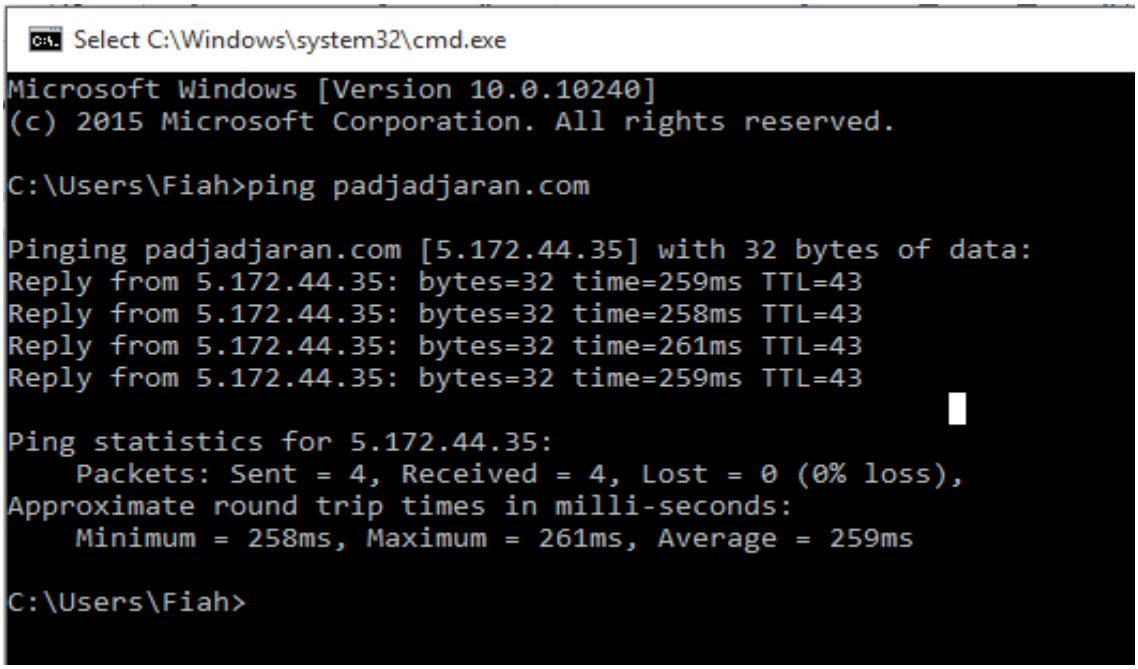
2016

Alamat web yang dipilih : 1. **Padjadjaran.com**

2. ITB.com

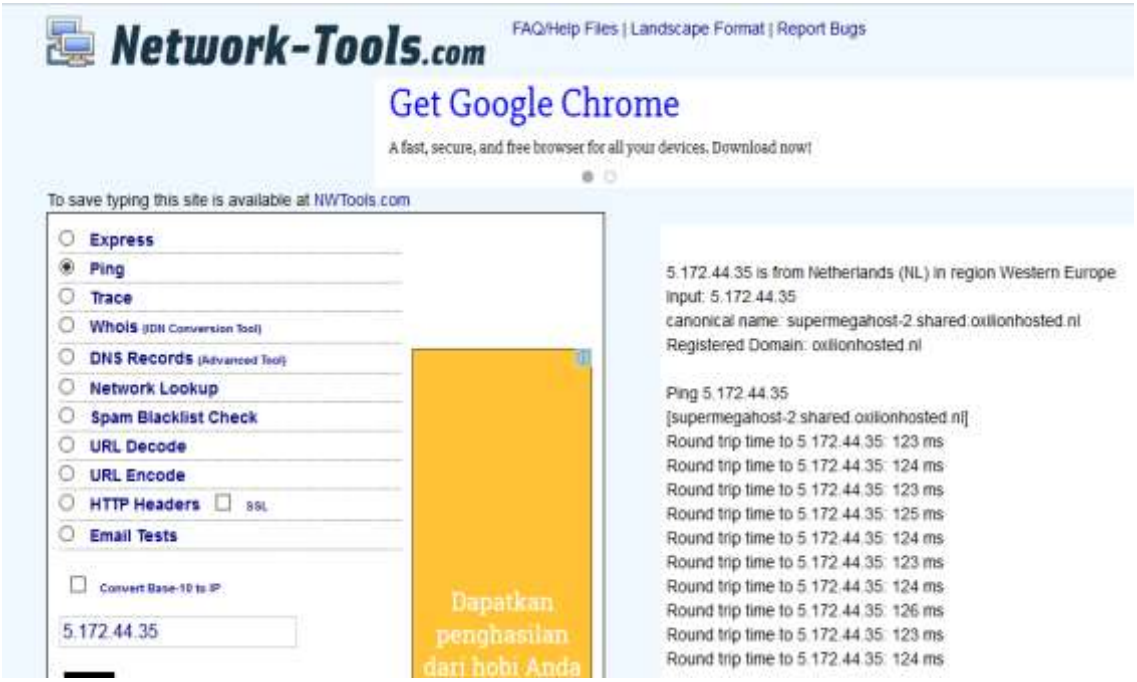
1. Padjadjaran.com

Melakukan ping dengan menggunakan command prompt

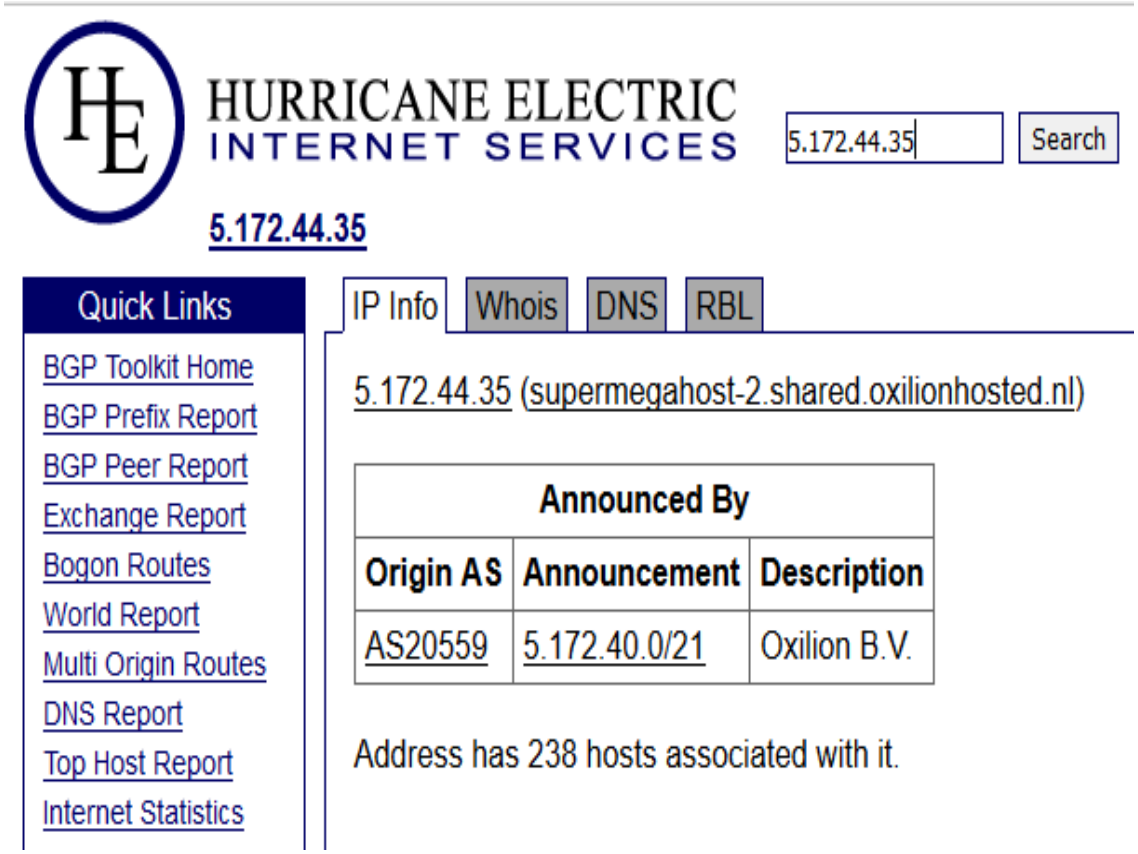


Tampilan menggunakan network-tools.com

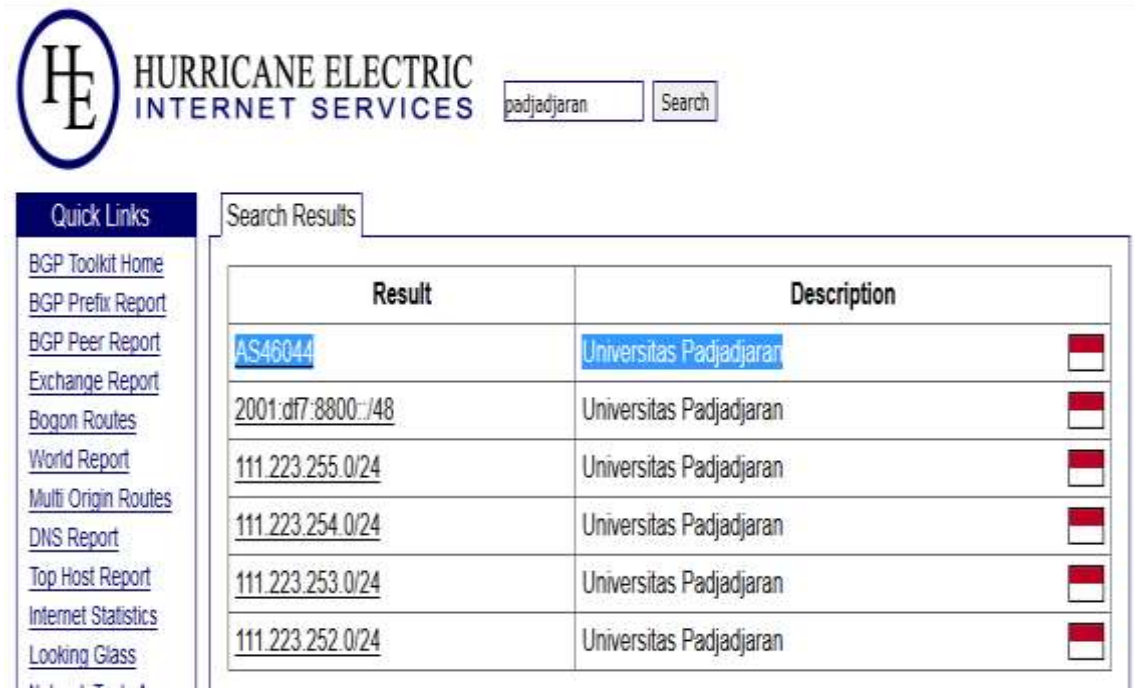
Dengan memasukkan IP alamat web yang kita pilih



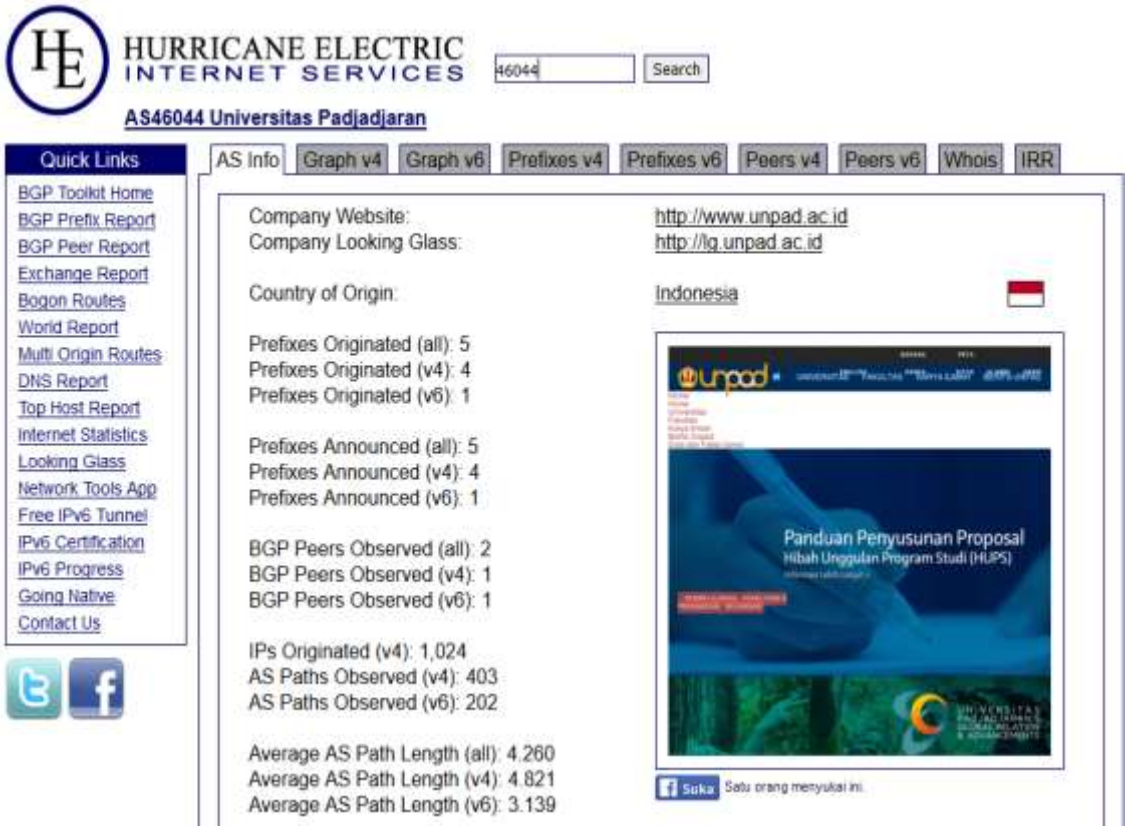
Ini adalah tampilan dengan memasukkan IP web yang kita pilih menggunakan http://bgp.he.net

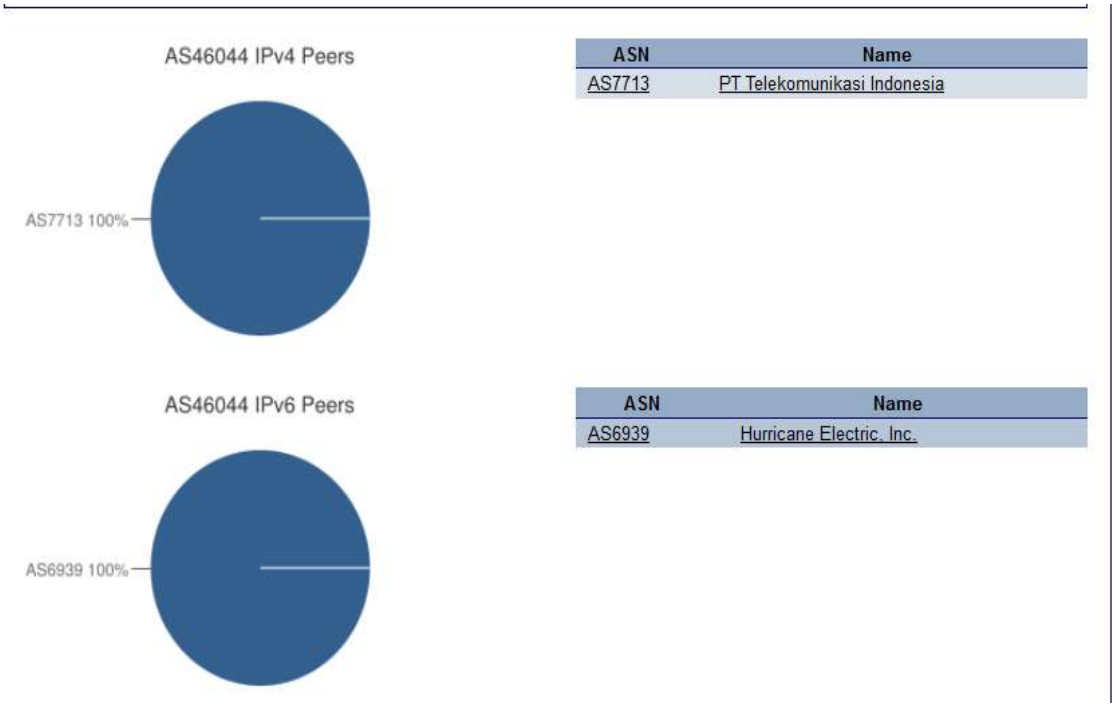


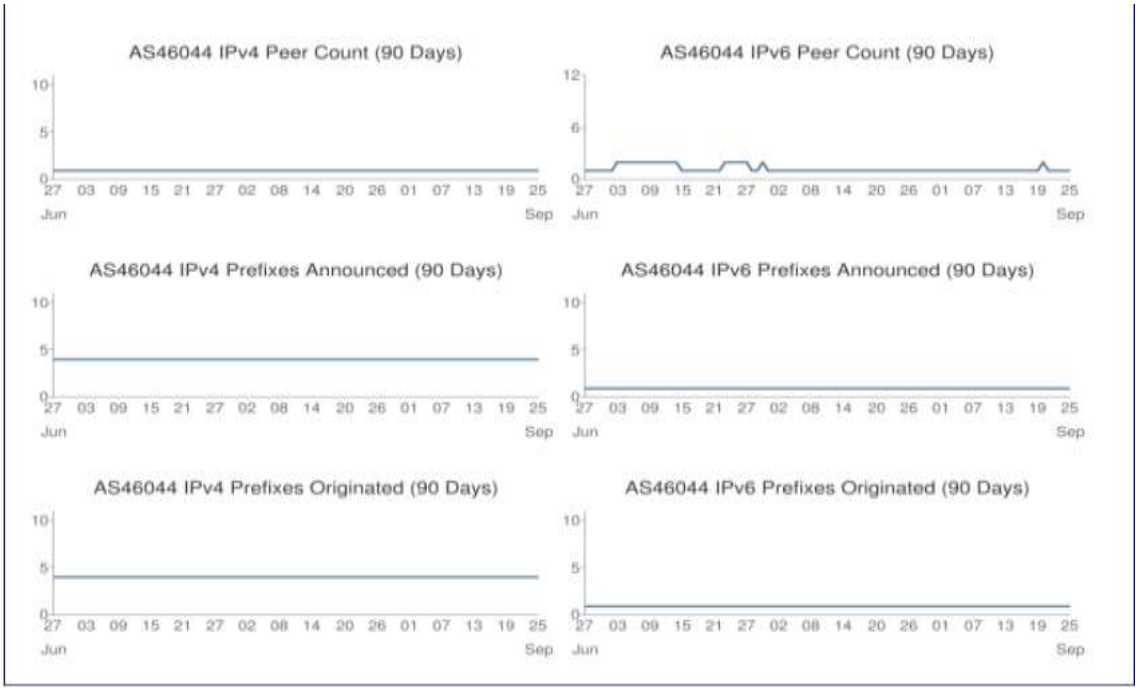
Kemudian masukkan web yang kita pilih (Padjadjaran)



Tampilan setelah kita masukkan AS number nya







ANALISA

Dengan mencoba ping alamat web dengan menggunakan command prompt terdapat 32 bytes tapi hanya empat yang mucul saat ditampilkan.

Dengan menggunakan network-tools.com ketika memasukkan alamat IP web yang kita pilih menampilkan sepuluh bytes yang muncul.

Terdapat perbedaan yang terjadi setelah melakukan percobaan antara menggunakan command prompt dan network-tools.com.

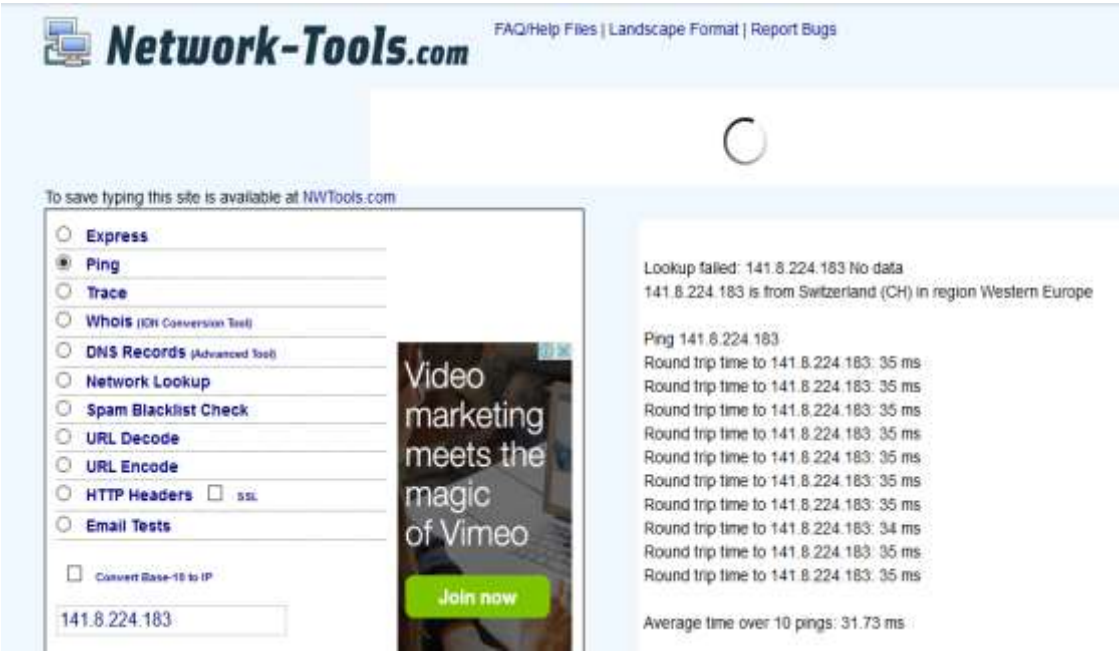
2. ITB.com

Melakukan ping dengan menggunakan command prompt

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\Fiah>ping ITB.com

Pinging itb.com [141.8.224.183] with 32 bytes of data:
Reply from 141.8.224.183: bytes=32 time=246ms TTL=236
Reply from 141.8.224.183: bytes=32 time=260ms TTL=236
Reply from 141.8.224.183: bytes=32 time=244ms TTL=236
Reply from 141.8.224.183: bytes=32 time=251ms TTL=236

Ping statistics for 141.8.224.183:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 244ms, Maximum = 260ms, Average = 250ms

C:\Users\Fiah>
```

Tampilan menggunakan network-tools.com

Dengan memasukkan IP alamat web yang kita pilih



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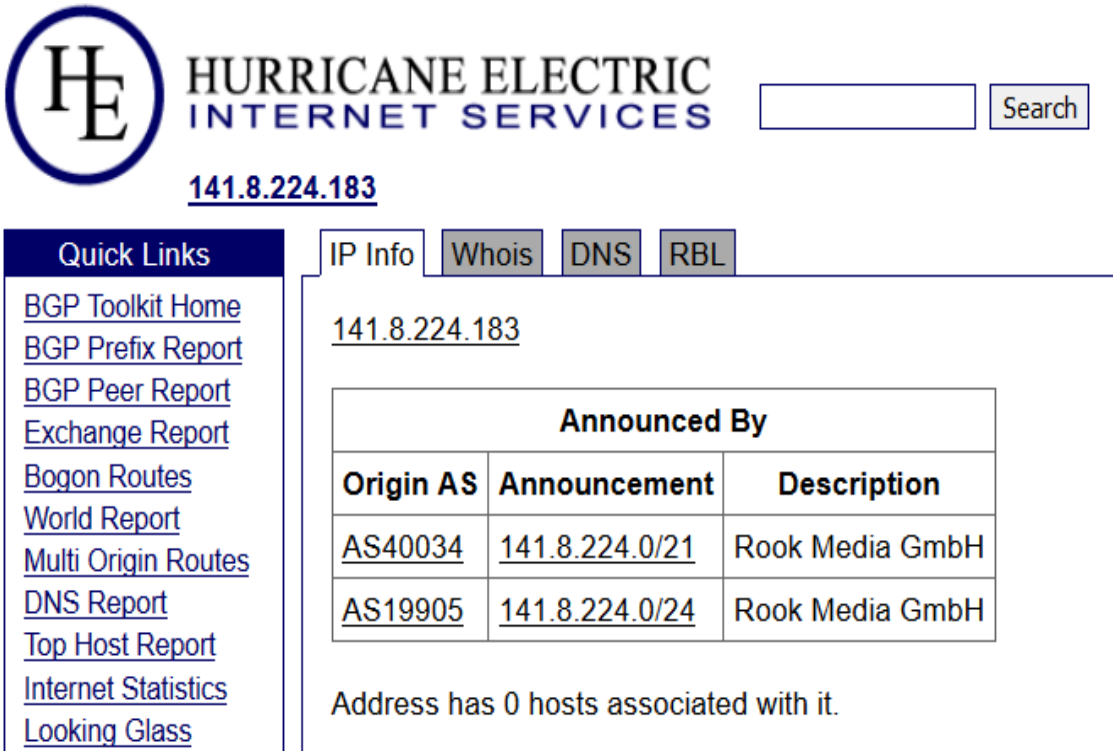
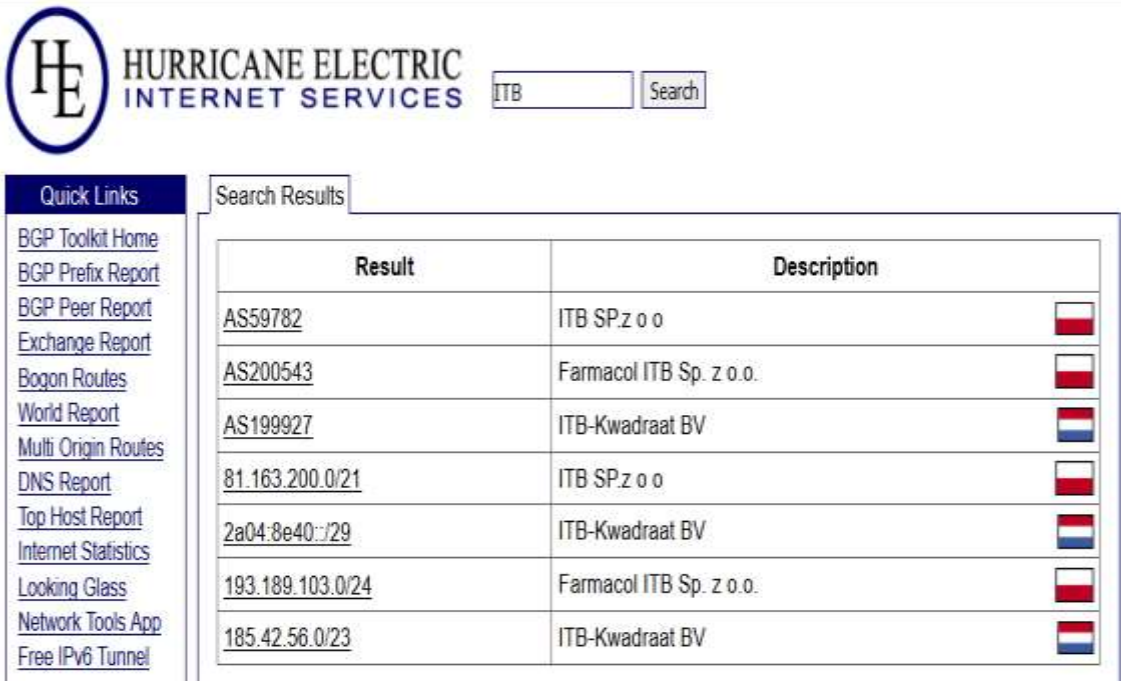
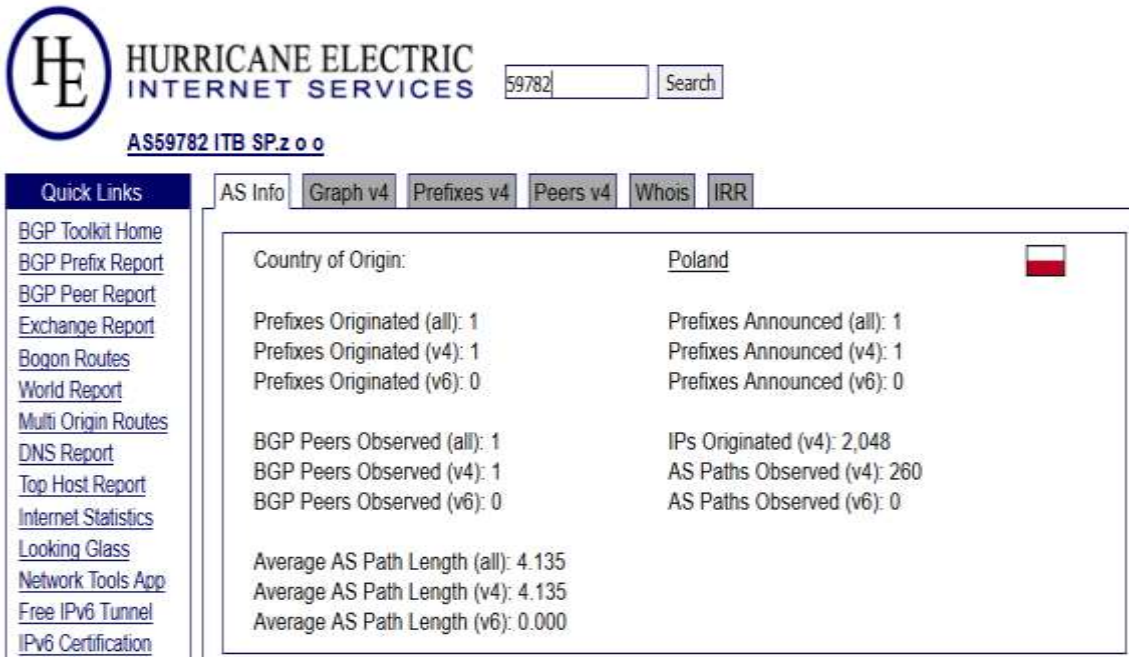


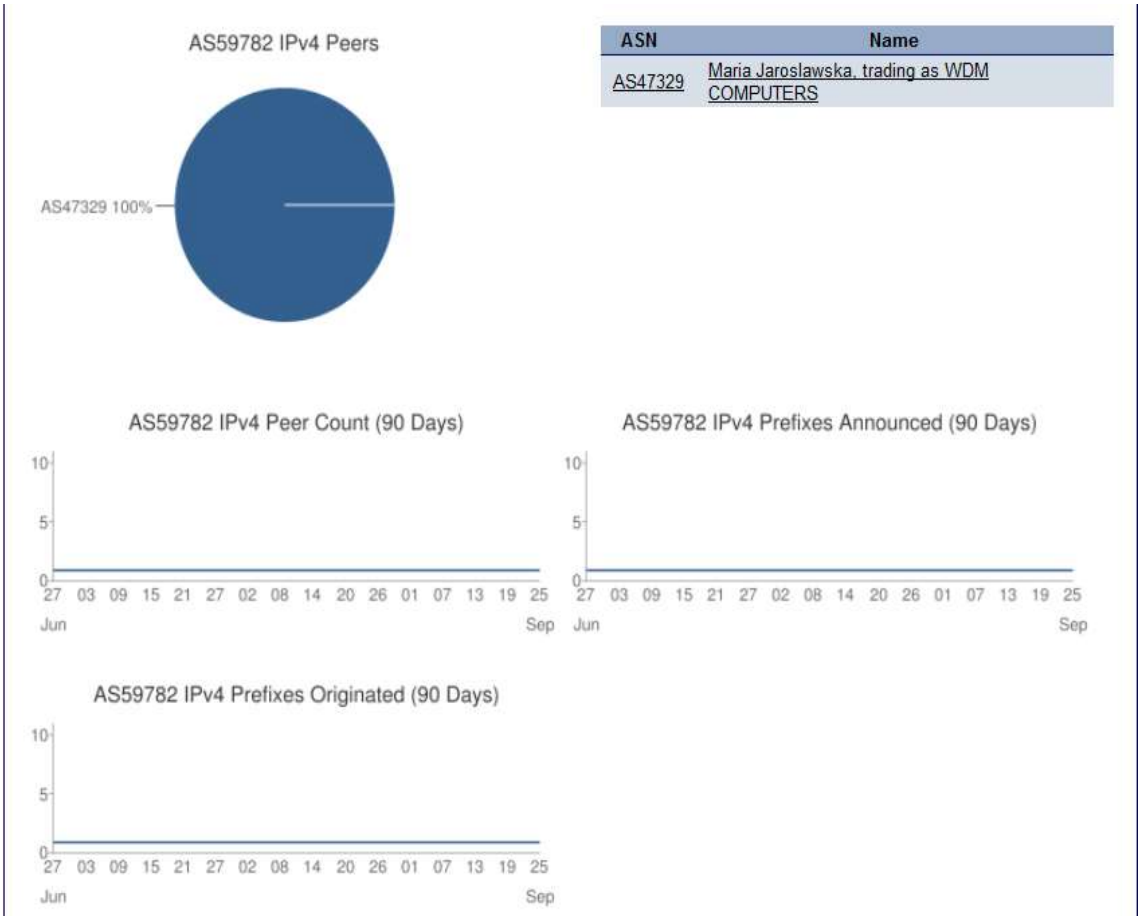
Kemudian masukkan web yang kita pilih (ITB)



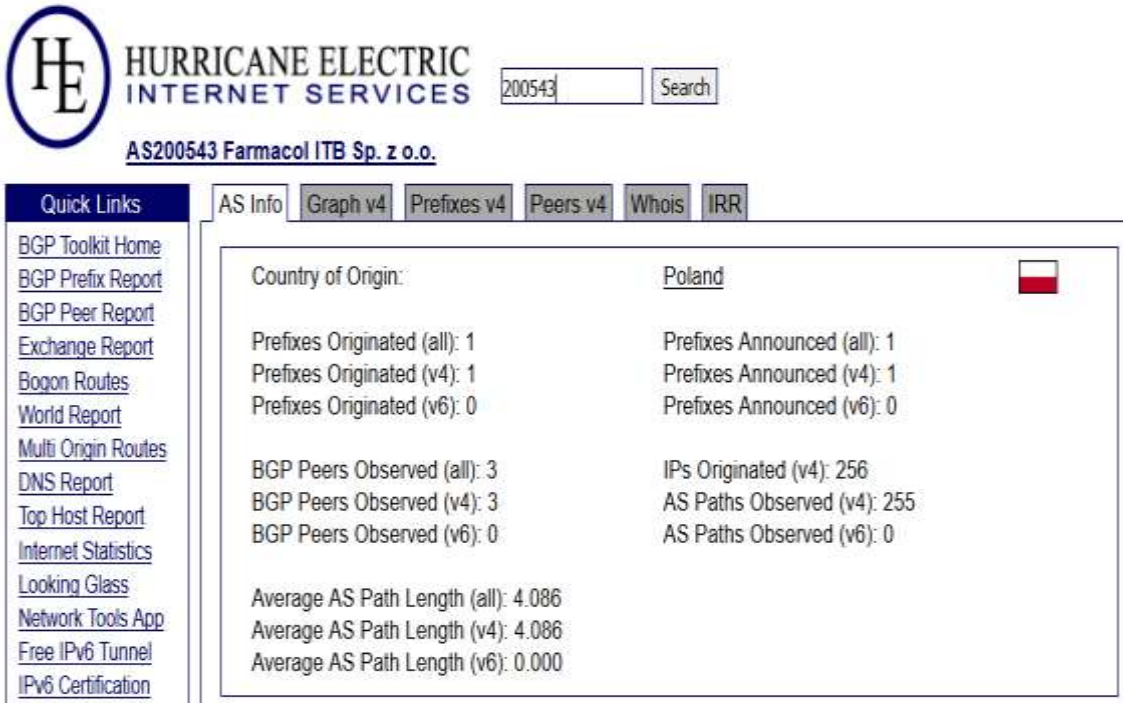
Tampilan setelah kita masukkan AS number nya
Pada AS number ITB mempunyai 3 (tiga) AS number

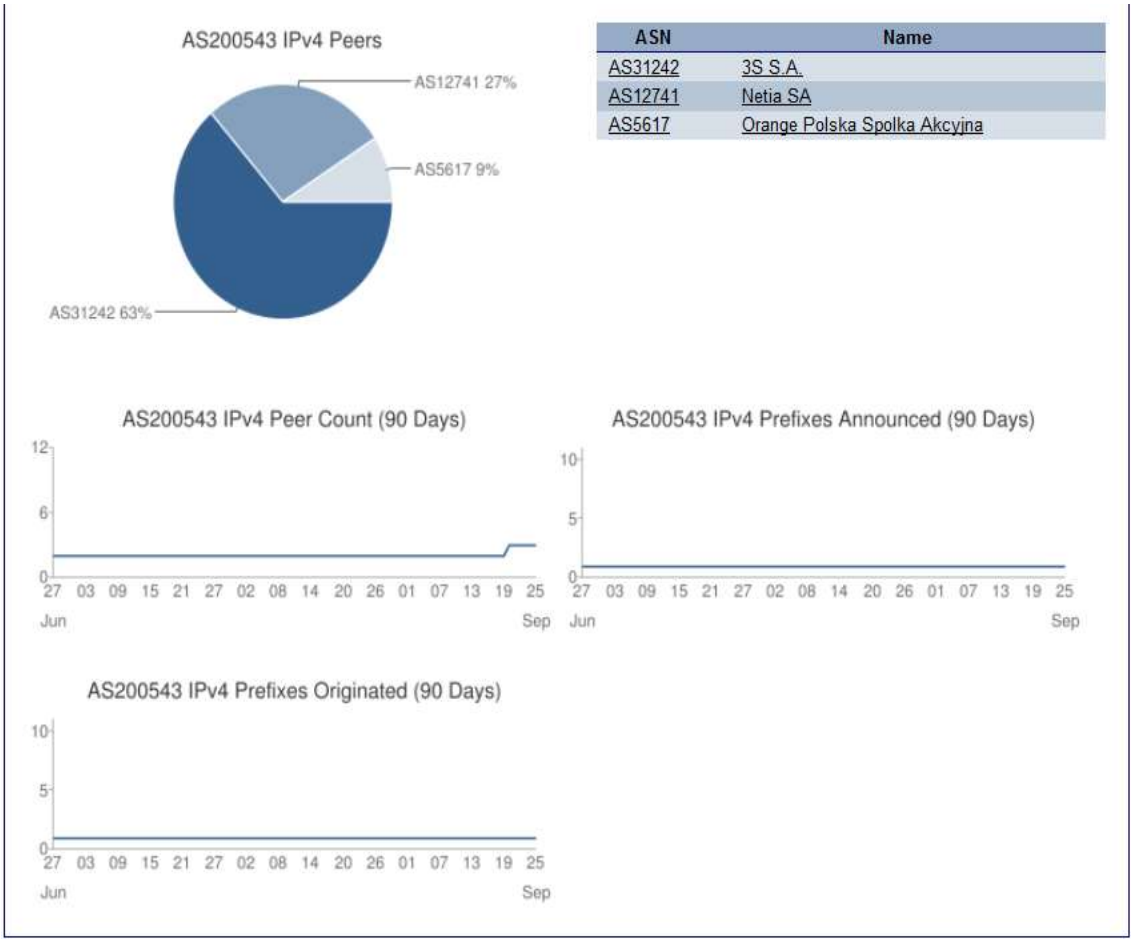
1. AS59782



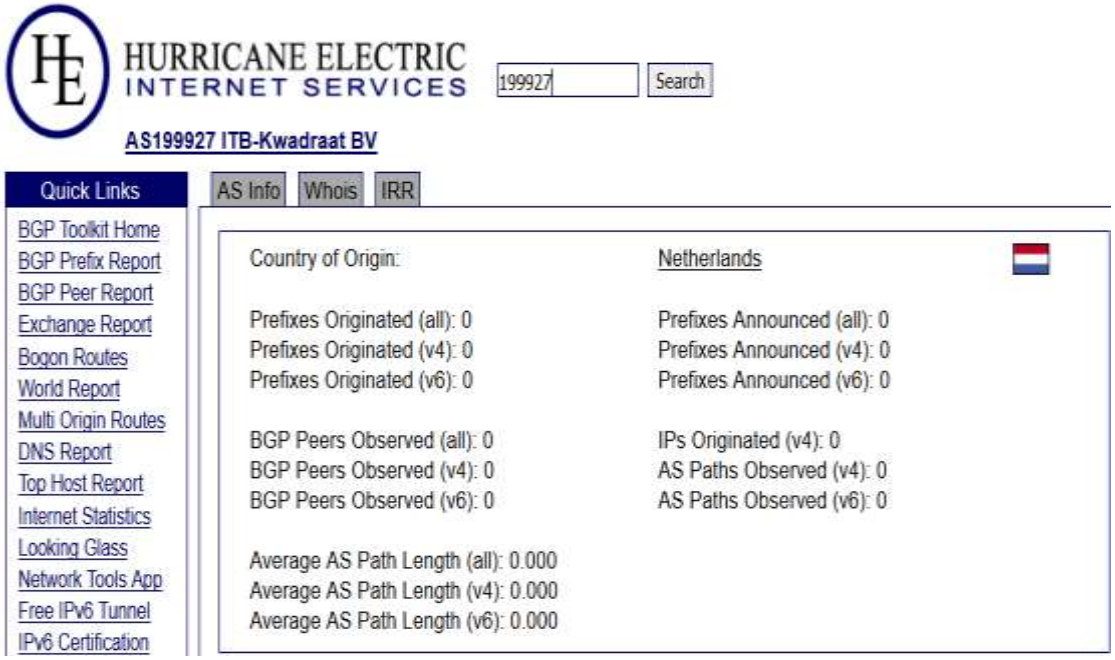

AS59782 IPv4 Peers
AS47329 100%
ASN
Name
AS47329
Maria Jaroslawska, trading as WDM COMPUTERS
AS59782 IPv4 Peer Count (90 Days)
AS59782 IPv4 Prefixes Announced (90 Days)
AS59782 IPv4 Prefixes Originated (90 Days)
10
5
0
27 03 09 15 21 27 02 08 14 20 26 01 07 13 19 25
Jun
Sep

2. AS200543


HURRICANE ELECTRIC
INTERNET SERVICES
200543
Search
AS200543 Farmacol ITB Sp. z o.o.
Quick Links
BGP Toolkit Home
BGP Prefix Report
BGP Peer Report
Exchange Report
Bogon Routes
World Report
Multi Origin Routes
DNS Report
Top Host Report
Internet Statistics
Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
AS Info
Graph v4
Prefixes v4
Peers v4
Whois
IRR
Country of Origin:
Poland
Prefixes Originated (all): 1
Prefixes Originated (v4): 1
Prefixes Originated (v6): 0
Prefixes Announced (all): 1
Prefixes Announced (v4): 1
Prefixes Announced (v6): 0
BGP Peers Observed (all): 3
BGP Peers Observed (v4): 3
BGP Peers Observed (v6): 0
IPs Originated (v4): 256
AS Paths Observed (v4): 255
AS Paths Observed (v6): 0
Average AS Path Length (all): 4.086
Average AS Path Length (v4): 4.086
Average AS Path Length (v6): 0.000


AS200543 IPv4 Peers
AS12741 27%
AS5617 9%
AS31242 63%
ASN
Name
AS31242
3S S.A.
AS12741
Netia SA
AS5617
Orange Polska Spolka Akcyjna
AS200543 IPv4 Peer Count (90 Days)
AS200543 IPv4 Prefixes Announced (90 Days)
AS200543 IPv4 Prefixes Originated (90 Days)
Jun
Sep

3. AS199927


HURRICANE ELECTRIC
INTERNET SERVICES
199927
Search
AS199927 ITB-Kwadraat BV
Quick Links
BGP Toolkit Home
BGP Prefix Report
BGP Peer Report
Exchange Report
Bogon Routes
World Report
Multi Origin Routes
DNS Report
Top Host Report
Internet Statistics
Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
AS Info
Whois
IRR
Country of Origin:
Netherlands
Prefixes Originated (all): 0
Prefixes Originated (v4): 0
Prefixes Originated (v6): 0
Prefixes Announced (all): 0
Prefixes Announced (v4): 0
Prefixes Announced (v6): 0
BGP Peers Observed (all): 0
BGP Peers Observed (v4): 0
BGP Peers Observed (v6): 0
IPs Originated (v4): 0
AS Paths Observed (v4): 0
AS Paths Observed (v6): 0
Average AS Path Length (all): 0.000
Average AS Path Length (v4): 0.000
Average AS Path Length (v6): 0.000

ANALISA

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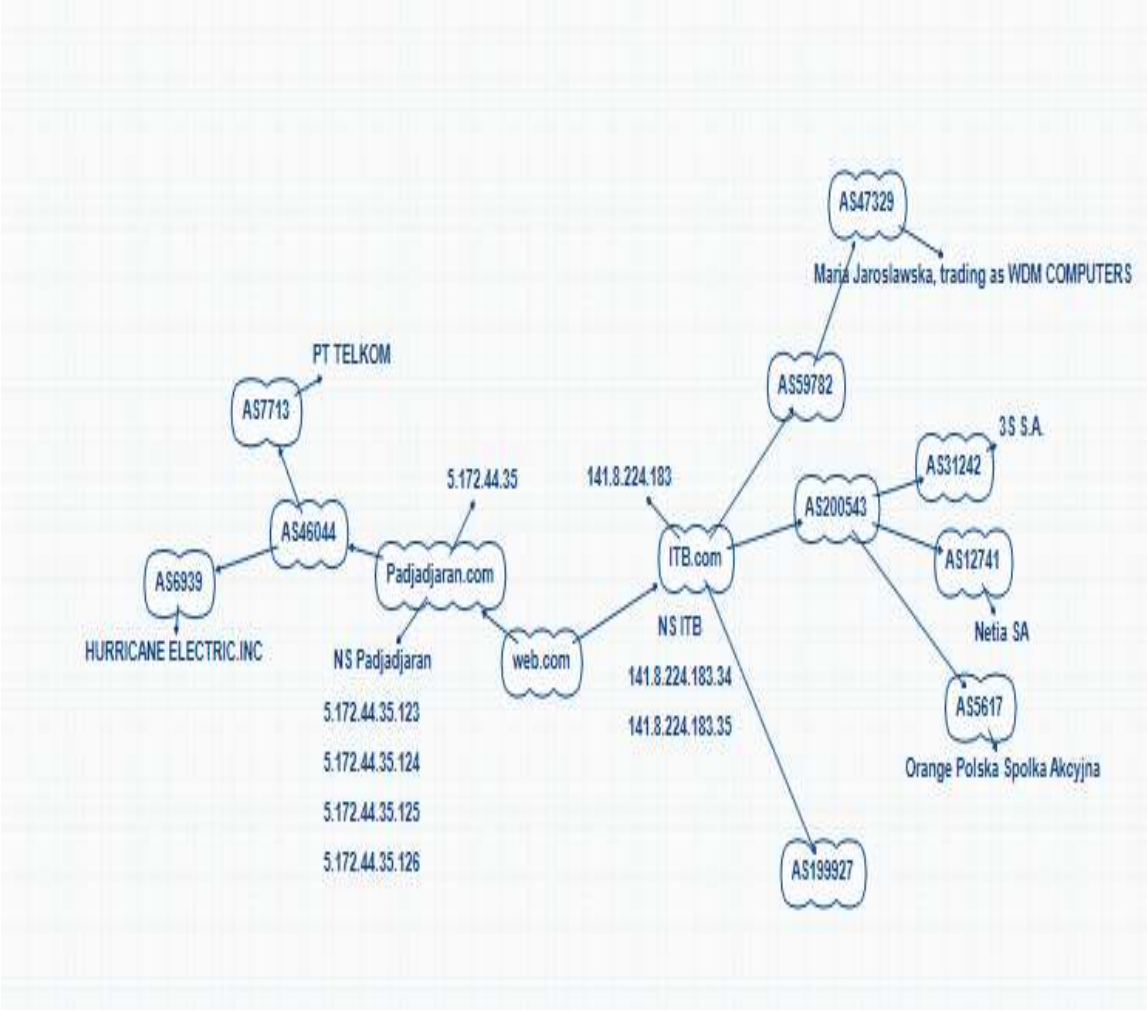

Pada web padjadjaran NS nya ada empat. Dengan AS 46044 pada AS 7713 yaitu pada PT TELKOM kemudian pada AS 6939 pada HURRICENE ELECTRIC.INC

Pada web ITB NS nya ada dus. Dengan AS 59782 pada AS 47329 yaitu pada MARIA JOROSLAWSKA, TRADING as WOM COMPUTER. AS 200543 pada AS31242 pada 3S S.A pada AS 12741 dengan NETIA SA pada AS5617 dengan ORANGE POLSKA SPOLKA AKCYJNA. Kemudian pada AS199927 tidak ada yang ditampilkan AS nya.