



Indonesia  
network  
information  
centre

# myIDNIC Roadmap

# ISP-NAP & Direct Members (Feb 2018)

## Total ISP and NAP:

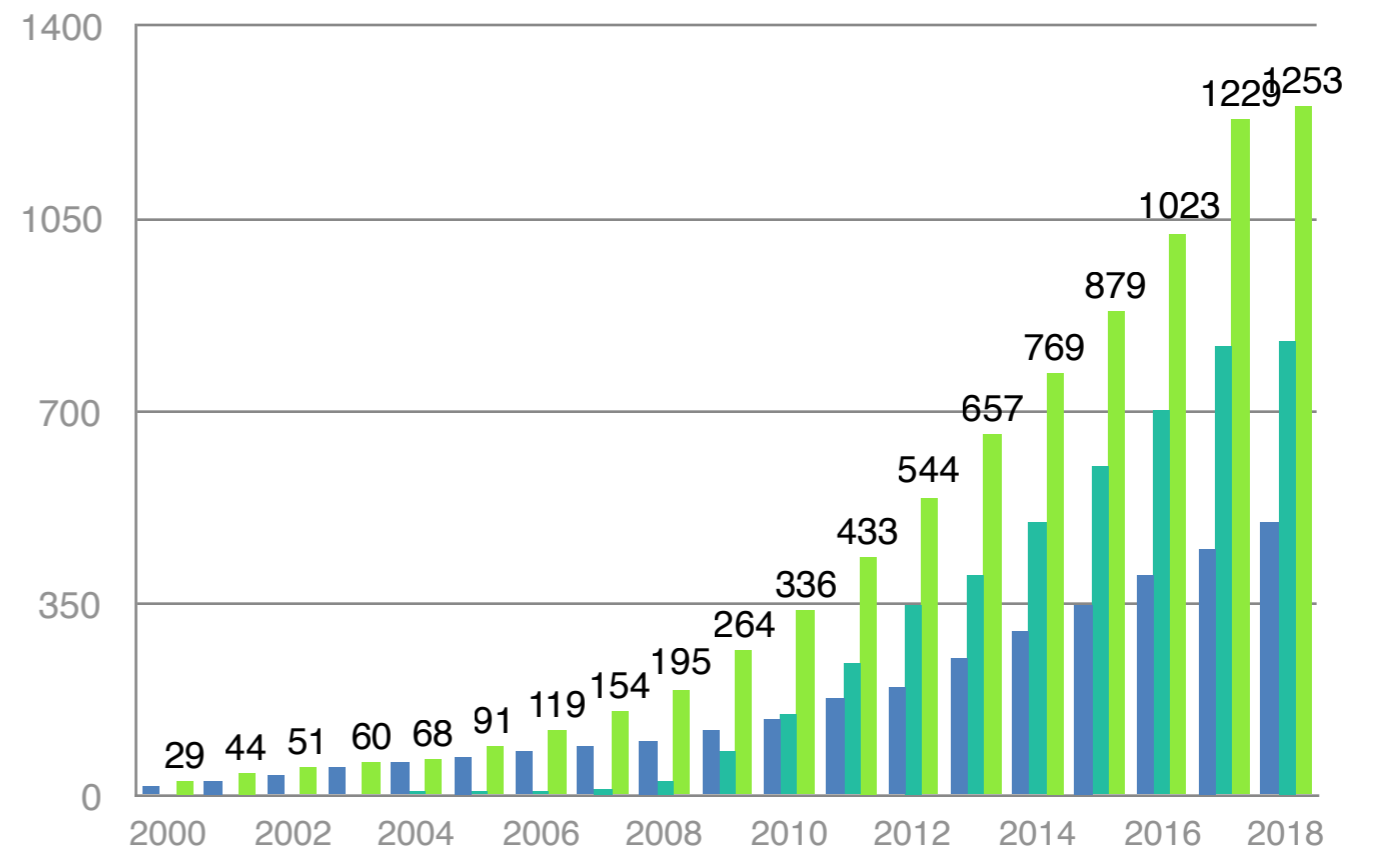
368 (Des 2016) and  
417 companies (Feb 2018)

increase  
**13,3%**

## Total Direct Member:

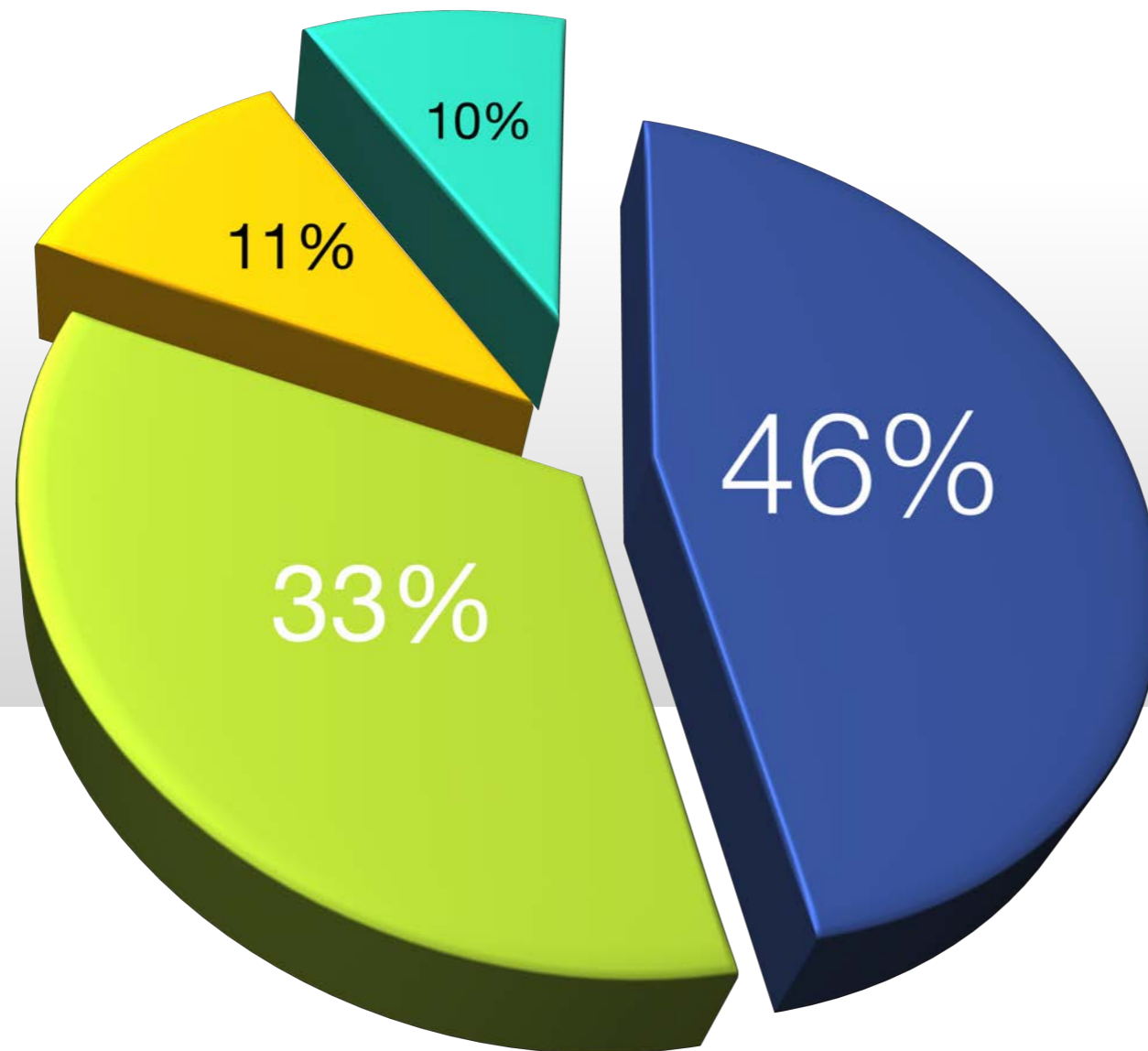
655 (Des 2016) and  
836 users (Feb 2018)

increase  
**27,6%**



- ISP-NAP
- Direct Member
- Total Member

# Member Compositions (Feb 2018)



Member  
Compositions  
(Feb 2018)

- Corporate & Association
- ISP & NAP
- Government
- Education

# IPv4 Allocations

## Total IPv4 address Allocation and Assignment:

21,320 block  
per /24 (Des 2016)  
to be  
21,402 block  
per /24 (Feb 2018)

increased  
**0,38%**

## Allocation for ISP/ NAP Member:

19,070 block  
per /24 (Des 2016)  
to be  
19,110 block  
per /24 (Feb 2018)

increased  
**0,21%**

## Allocation for Direct Member:

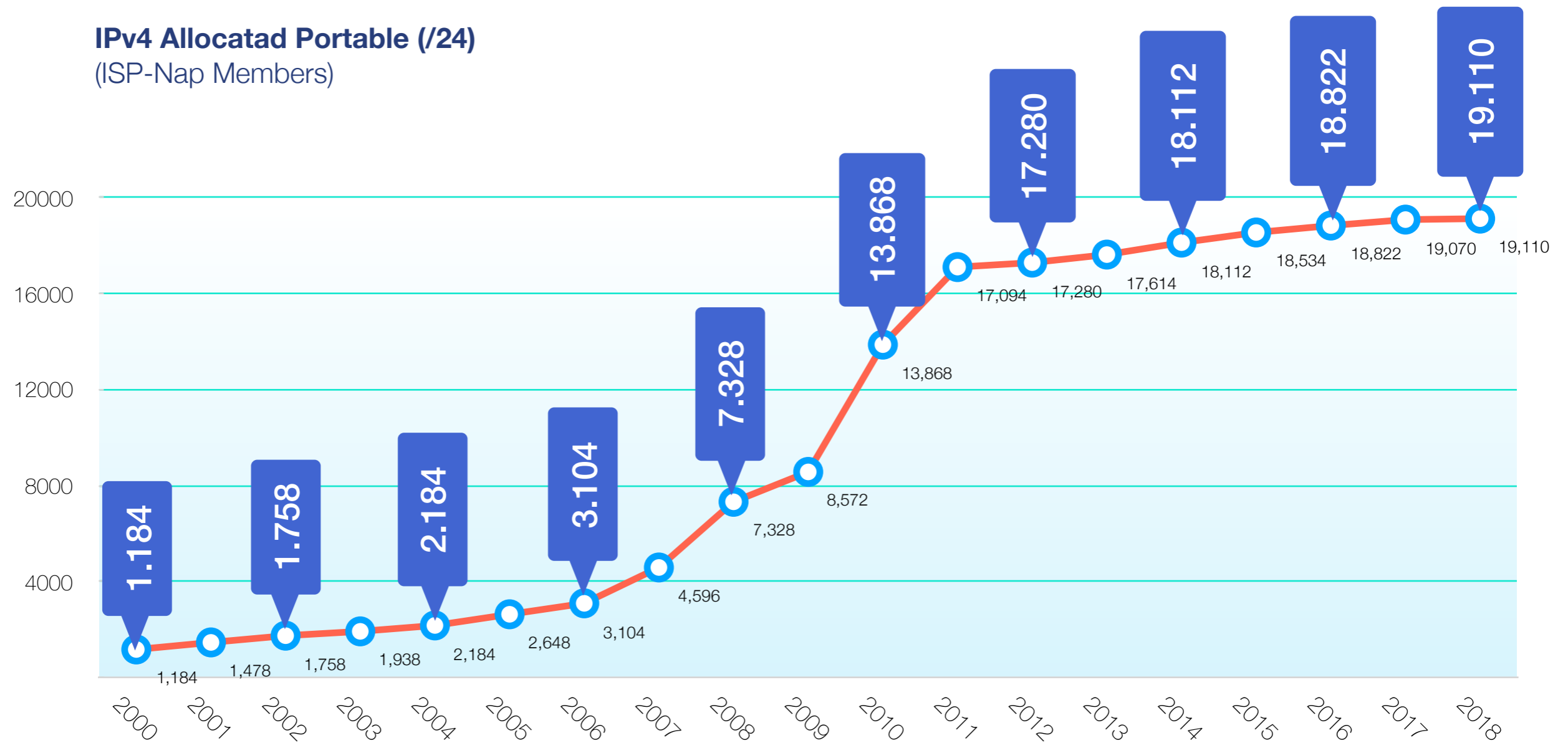
2,250 per block /  
24 (Des 2016)  
to be  
2,292 per block /  
24 (Feb 2018)

increased  
**1,87%**

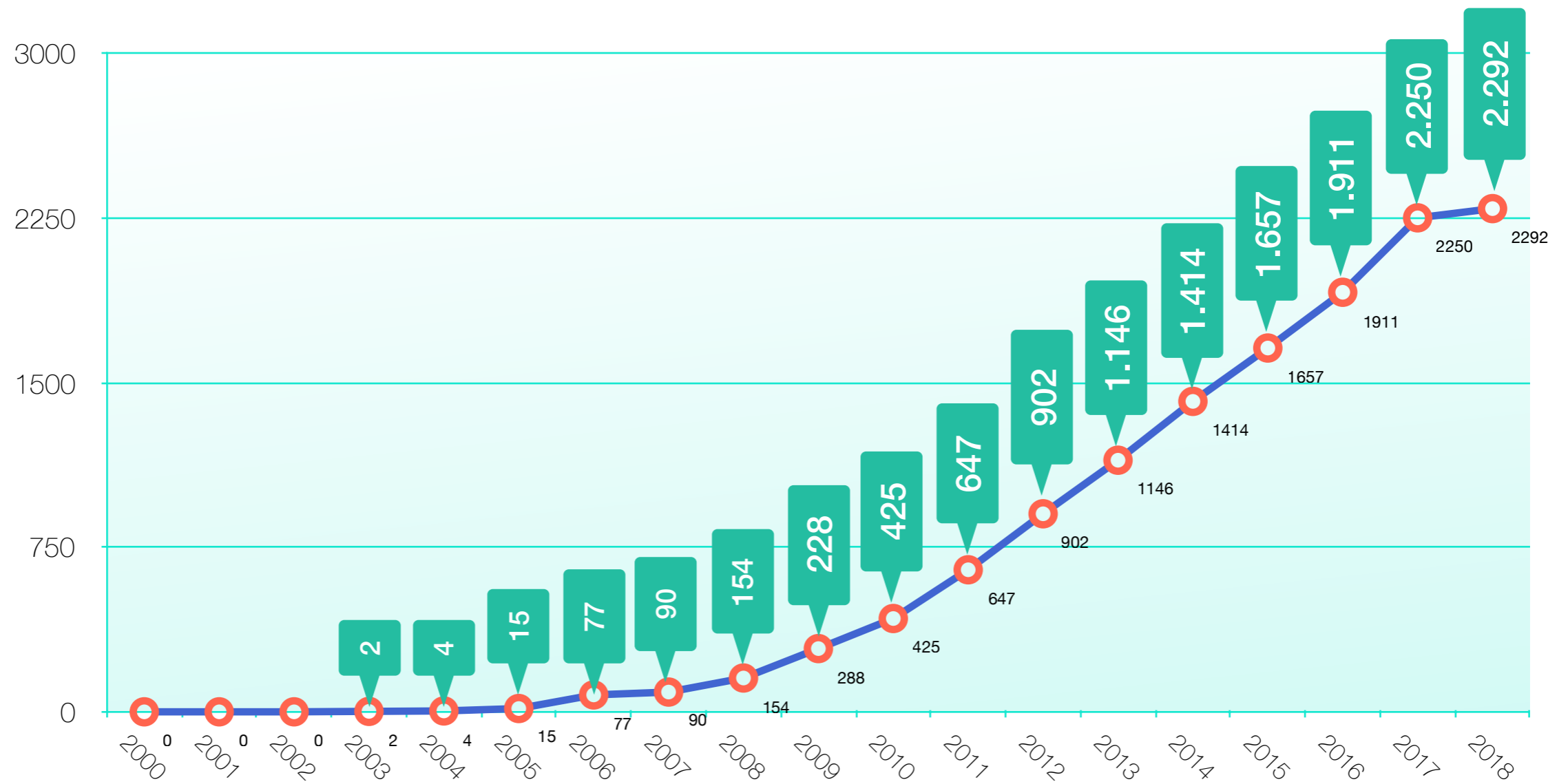
IDNIC Allocation in APNIC is extra large (total IPv4 subnet /9)

# IPv4 Allocation– ISP/NAP Members (Feb 2018)

IPv4 Allocated Portable (/24)  
(ISP-Nap Members)

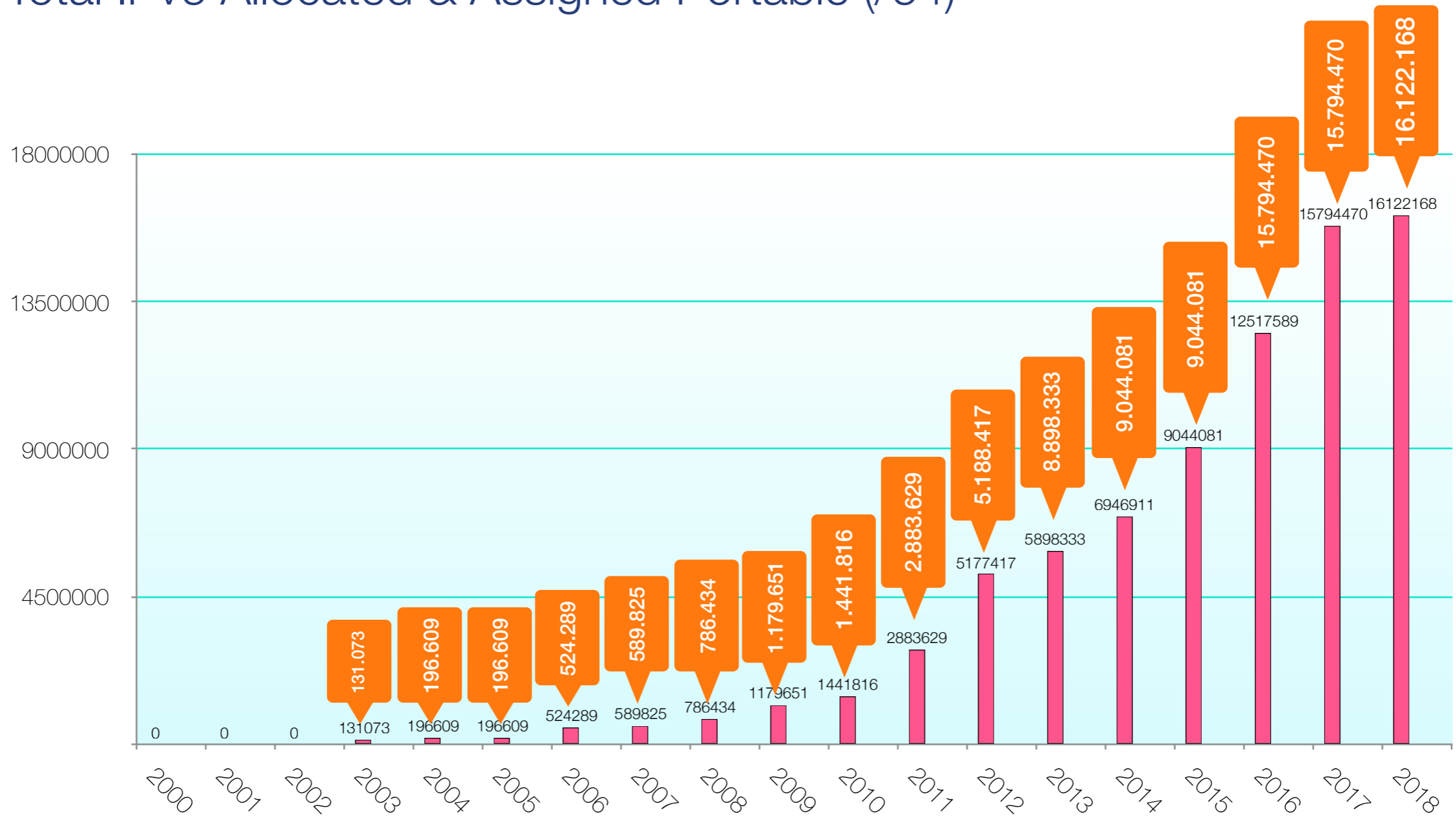


# IPv4 Allocation– ISP/NAP Members (Feb 2018)



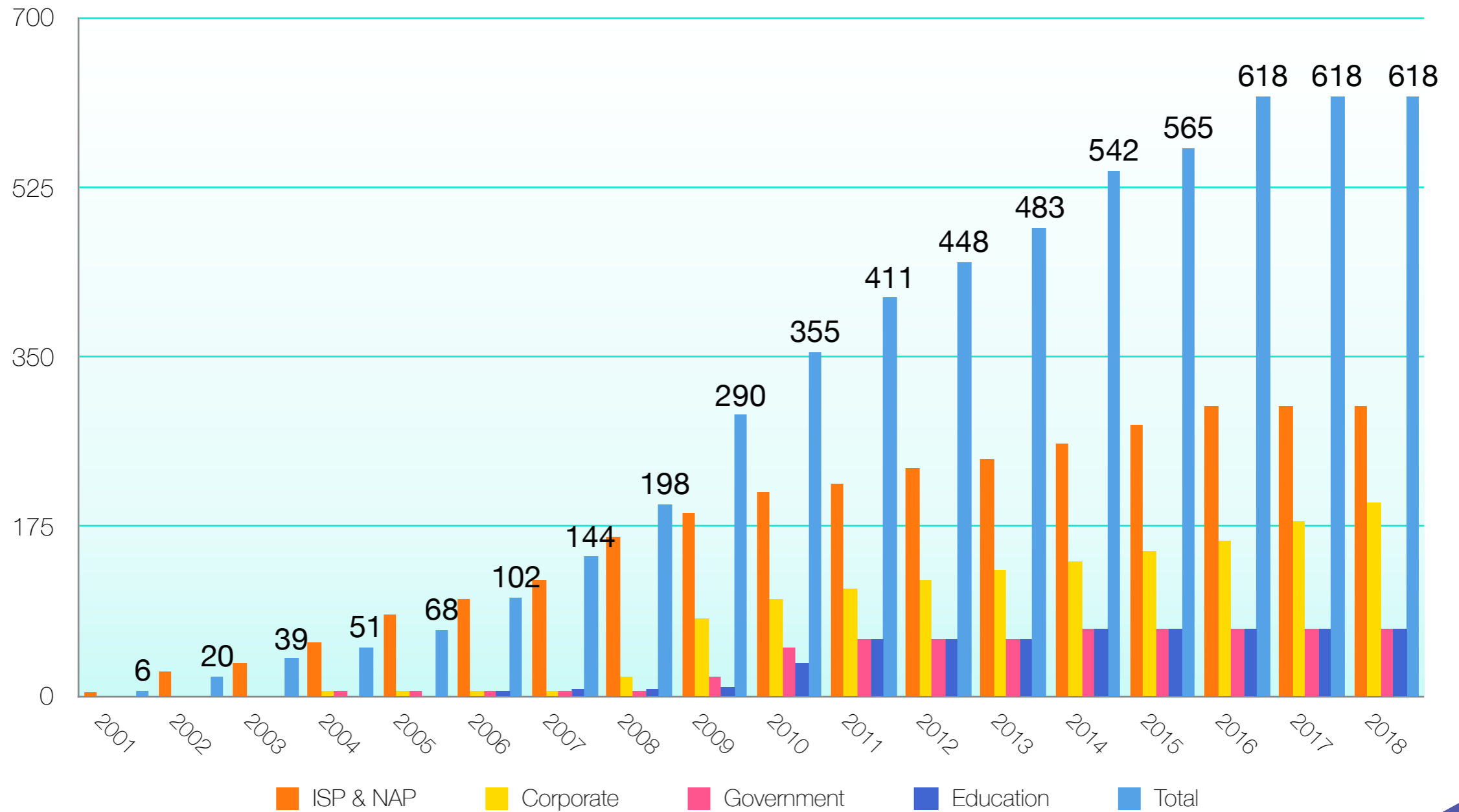
# Total IPv6 Allocation

Total IPv6 Allocated & Assigned Portable (/64)



# Assignment 2 Byte ASN

Assignment 2 Byte AS Number





# Whois Data Quality Improvement

# IDEAL IDNIC Parent Block



```
inetnum          : 114.120.0.0 - 114.127.255.255
netname          : TELKOMSEL-ID
Organization Name descr : PT. Telekomunikasi Selular (Telkomsel) Indonesia
Member Type      descr : Cellular Network Provider
Location         descr : Jakarta Pusat
country          : ID
Admin Contact    admin-c : HT318-AP
Technical Contact (NOC) tech-c : HT318-AP
remarks         : Send Spam & Abuse Reports to:
Abuse Mailbox    remarks  : abuse@telkomsel.co.id
status          : ALLOCATED PORTABLE
INDICATE IDNIC BLOCK mnt-by  : MNT-APJII-ID
Member IRT       mnt-irt   : IRT-TELKOMSEL-ID
Member Mntner    mnt-lower : MAINT-ID-TELKOMSEL
Member Mntner Routes mnt-routes : MAINT-ID-TELKOMSEL
last-modified    : 2015-12-01T22:21:39Z
source           : IDNIC
```

# Reality



# WRONG IDNIC Parent Block

## No Organization Name



```
inetnum      : 119.2.64.0 - 119.2.95.255
netname      : ANDALASMEDIA-NET
descr       : Internet Service Provider
descr       : Jl. Jakarta No.5 Ulak Karang Padang Sumatra Barat
descr       : 2513
country      : ID
admin-c     : HA58-AP
tech-c      : HA58-AP
remarks     : Send Spam & Abuse report to: abuse@andalasmedia.net.id
mnt-by      : MNT-APJII-ID
mnt-irt     : IRT-ANDALASMEDIA-ID
mnt-lower   : MAINT-ID-ANDALASMEDIA
status      : ALLOCATED PORTABLE
last-modified : 2016-06-22T04:46:14Z
source      : IDNIC
```

# WRONG IDNIC Parent Block



No Lower MNTNER & IRT

No Abuse Mailbox

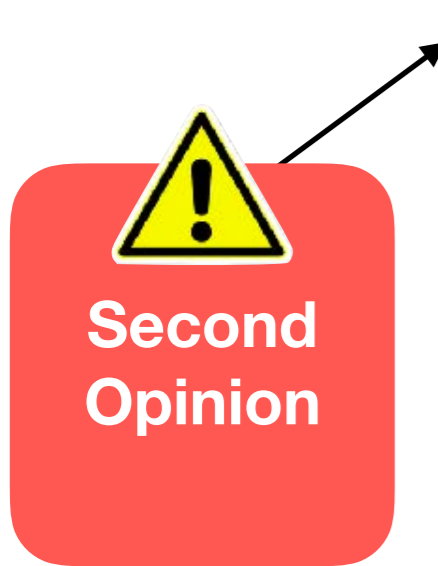


No Abuse  
Mailbox

inetnum : 202.51.16.0 - 202.51.31.255  
netname : Genid  
descr : PT. Generasi Indonesia Digital  
descr : Internet Service Provider  
descr : Jakarta, Selatan  
country : ID  
admin-c : GU12-AP  
tech-c : GU12-AP  
remarks : Send Spam& Abuse Reports to abuse@gen.net.id  
**mnt-by** : **MNT-APJII-ID**  
**mnt-routes** : **MNT-APJII-ID**  
**mnt-irt** : **IRT-IDNIC-ID**  
status : ALLOCATED PORTABLE  
last-modified : 2017-06-22T03:22:58Z  
source : IDNIC

# WRONG IDNIC Parent Block

## Second Opinion with MNT-APJII-ID



inetnum : 103.4.167.154 – 103.4.167.155  
netname : FIBERNET-NETBLOCK  
descr : Wisma Muallaf Dompot Dhuafa  
descr : Jln.Raya Bintaro Sektor 9 Tangerang Selatan  
descr : Tangerang Selatan  
country : ID  
admin-c : NF108-AP  
tech-c : NF108-AP  
status : ASSIGNED NON-PORTABLE  
**mnt-by : MNT-APJII-ID**  
mnt-irt : IRT-FIBERNET-ID  
mnt-lower : MAINT-FIBERNET-ID  
mnt-routes : MAINT-FIBERNET-ID  
last-modified : 2018-02-28T03:46:07Z  
source : IDNIC

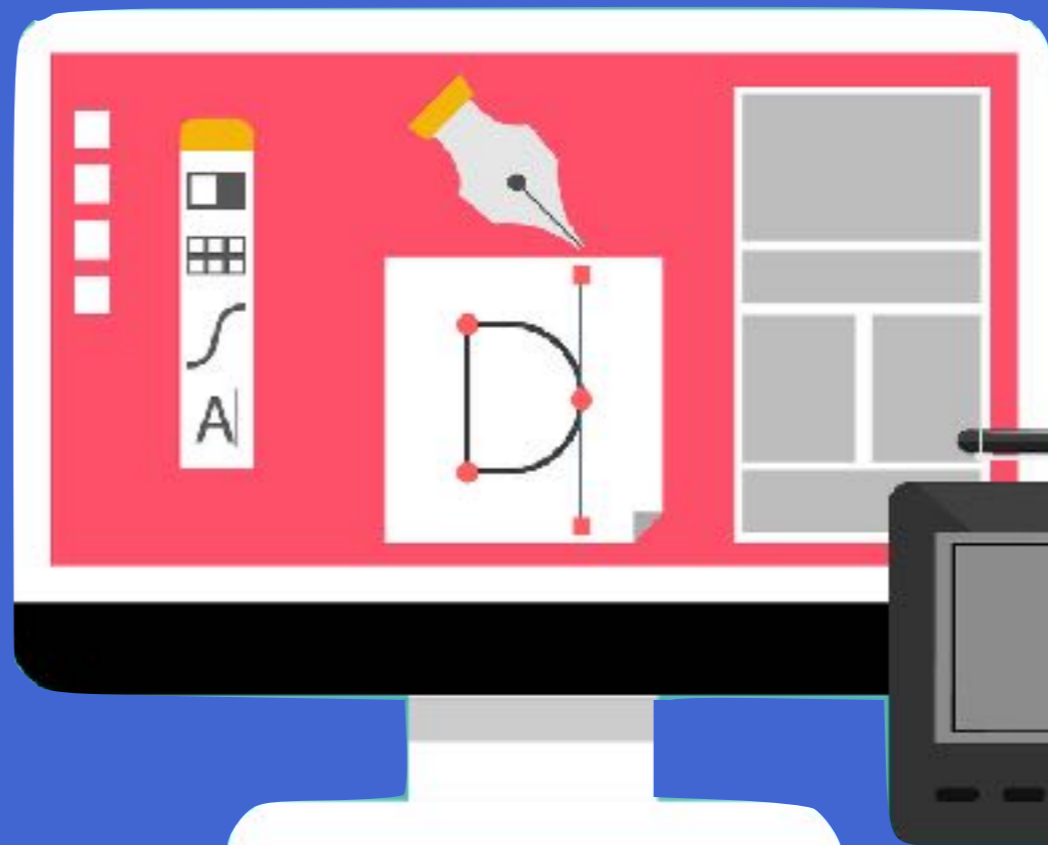
# INVALID IDNIC OBJECT

## Dead Domain



```
role           : TOPNET Hostmaster
address        : Menara Kebun Sirih Lt8
address        : Jakarta Pusat
country        : ID
phone          : +62-21-391-2277
fax-no         : +62-21-392-7488
e-mail         : hostmaster@top.net.id
remarks        : send spam reports to abuse@top.net.id
remarks        : and abuse reports to abuse@top.net.id
remarks        : Please include detailed information
admin-c       : BP3-AP
tech-c        : BP3-AP
nic-hdl       : TH64-AP
remarks        : http://www.top.net.id
notify        : hostmaster@top.net.id
mnt-by        : MAINT-ID-TOP
last-modified : 2011-12-06T00:11:20Z
source        : APNIC
```

# Plan





# 1.1

## Fix Invalid Parent Block Description

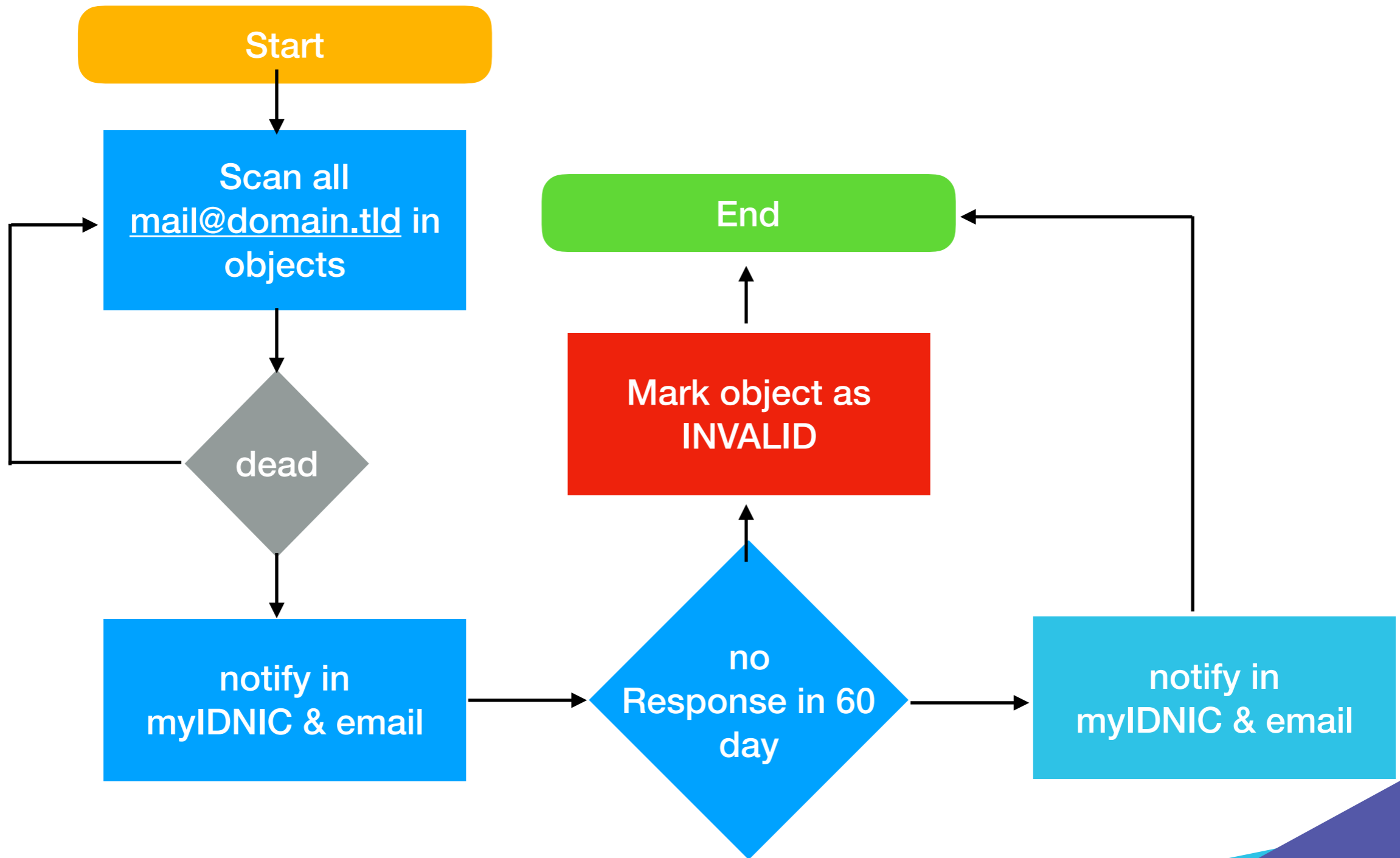
inetnum:	xxx.xxx.xxx.xxx - xxx.xxx.xxx.xxx
netname:	ABC-ID
descr:	Organization Name
descr:	Member Type (ISP, Operator, Direct Member, etc)
descr:	Location (City, Province)
country:	ID

## 1.2

# Create Existing Member Mntner & IRT

status: ALLOCATED PORTABLE  
mnt-by: MNT-APJII-ID  
mnt-irt: Member IRT (IRT-MEMBERNAME-ID)  
mnt-lower: Member Mntner (MAINT-ID-MEMBERNAME)  
mnt-routes: Member Mntner (MAINT-ID-MEMBERNAME)  
last-modified: 2015-12-01T22:21:39Z

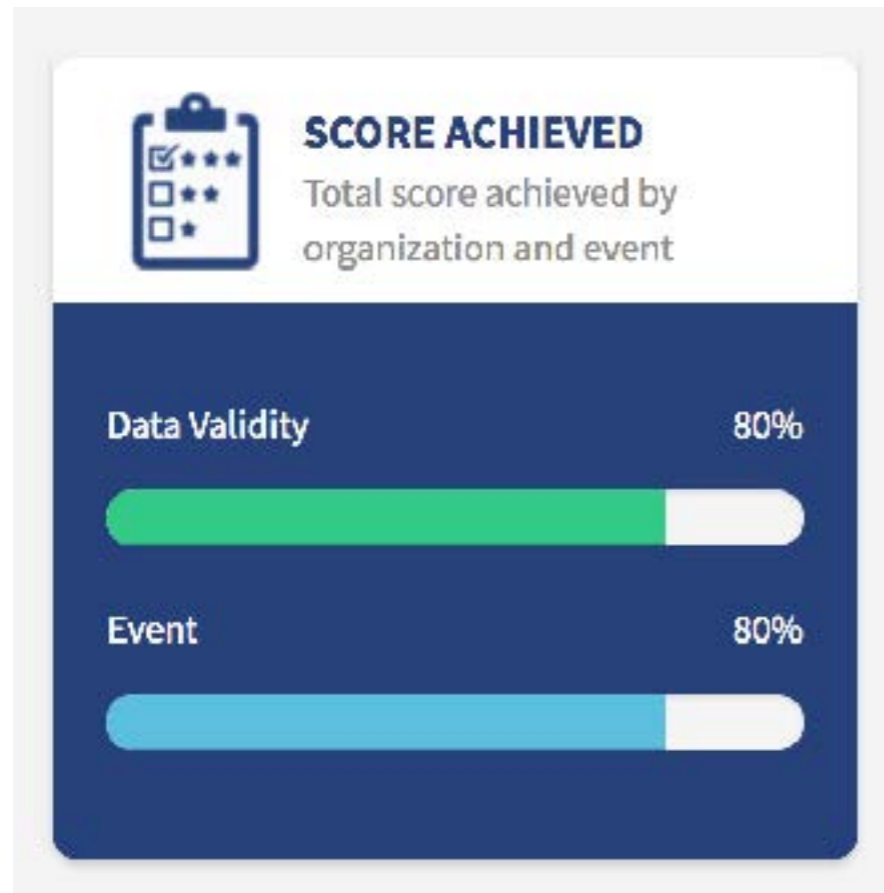
# 1.3 Scan All dead domain



# 1.4

## Data Validity Alert

Send Validation Mail before Resource Renewal Schedule



```
inetnum: 114.120.0.0 - 114.127.255.255
netname: TELKOMSEL-ID
descr: PT. Telekomunikasi Selular (Telkomsel) Indonesia
descr: Cellular Network Provider
descr: Jakarta Pusat
country: ID
admin-c: HT318-AP (validate & increase score)
tech-c: HT318-AP (validate & increase score)
remarks: Send Spam & Abuse Reports to:
remarks: abuse@telkomsel.co.id (validate & increase score)
status: ALLOCATED PORTABLE
mnt-by: MNT-APJII-ID
mnt-irt: IRT-TELKOMSEL-ID
mnt-lower: MAINT-ID-TELKOMSEL
mnt-routes: MAINT-ID-TELKOMSEL
last-modified: 2015-12-01T22:21:39Z
source: IDNIC
```

**temporary suspend  
myIDNIC account  
Member with < 50% validity**

# RDAP & Public API



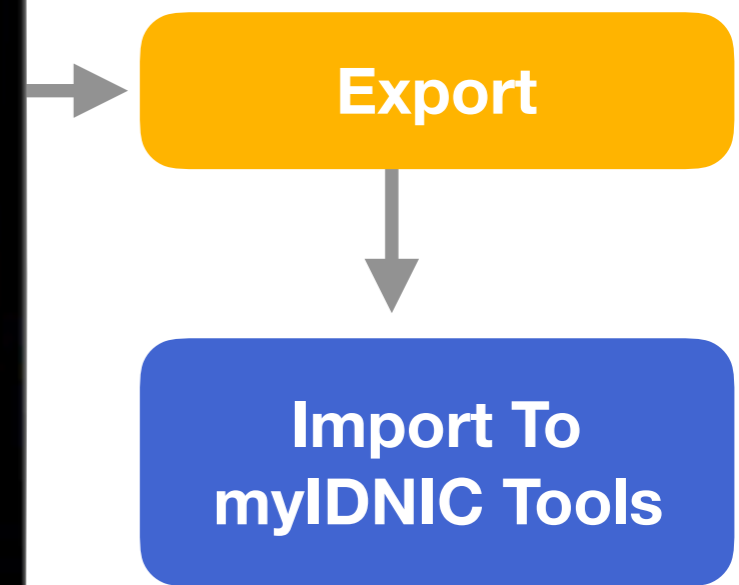
# http://rdap.idnic.id:1080/rdap/ip/202.182.57.1

```
{
  "handle" : "202.182.56.0 - 202.182.63.255",
  "startAddress" : "202.182.56.0",
  "endAddress" : "202.182.63.255",
  "ipVersion" : "v4",
  "name" : "ARSEN-ID",
  "type" : "ALLOCATED PORTABLE",
  "country" : "ID",
  "objectClassName" : "ip network",
  "entities" : [ {
    "handle" : "IRT-ARSEN-ID",
    "vcardArray" : [ "vcard", [ [ "version", { }, "text", "4.0" ], [ "fn", { }, "text", "IRT-ARSEN-ID" ], [ "kind", { }, "text", "group" ], [ "email", {
      "pref" : "1"
    }, "text", "abuse@arsen.co.id" ], [ "adr", {
      "label" : "PT Arsen Kusuma Indonesia\\nJl. Keuangan No 7A\\nDuren Tiga\\nJakarta Selatan 12760"
    }, "text", [ "", "", "", "", "", "", "" ] ], [ "email", { }, "text", "abuse@arsen.co.id" ] ] ],
    "roles" : [ "abuse" ],
    "objectClassName" : "entity",
    "links" : [ {
      "value" : "http://203.119.13.107/rdap/ip/202.182.56.0/21",
      "rel" : "self",
      "href" : "http://203.119.13.107/rdap/entity/IRT-ARSEN-ID",
      "type" : "application/rdap+json"
    } ]
  } ],
  {
    "handle" : "AK286-AP",
    "vcardArray" : [ "vcard", [ [ "version", { }, "text", "4.0" ], [ "fn", { }, "text", "Adi Kusuma" ], [ "kind", { }, "text", "individual" ], [ "adr", {
      "label" : "Komplek PLN Duren Tiga\\nJl. Kokas No 2\\nJakarta - 12760"
    }, "text", [ "", "", "", "", "", "", "" ] ], [ "tel", {
      "type" : "voice"
    }, "text", "+62-21-79184484" ], [ "tel", {
      "type" : "fax"
    }, "text", "+62-21-79184297" ], [ "email", { }, "text", "adi@arsen.co.id" ] ] ],
    "roles" : [ "administrative", "technical" ]
  }
]
```



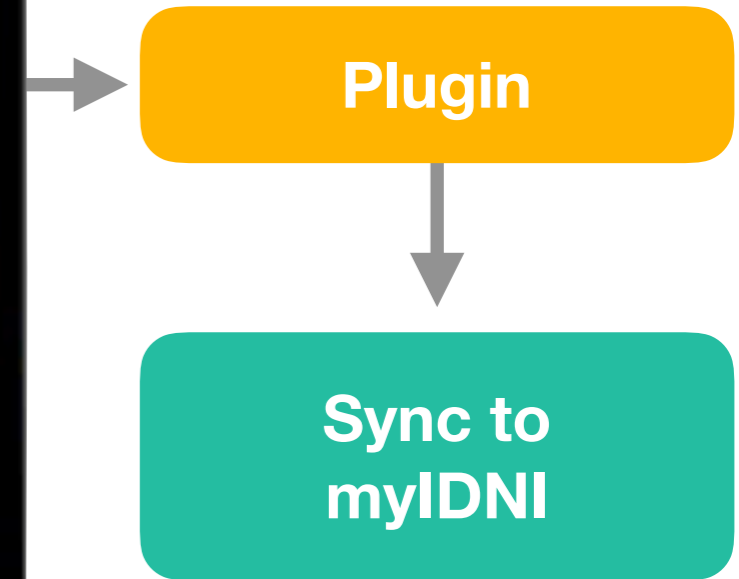
# IPAM (IP Address Management) to WHOIS

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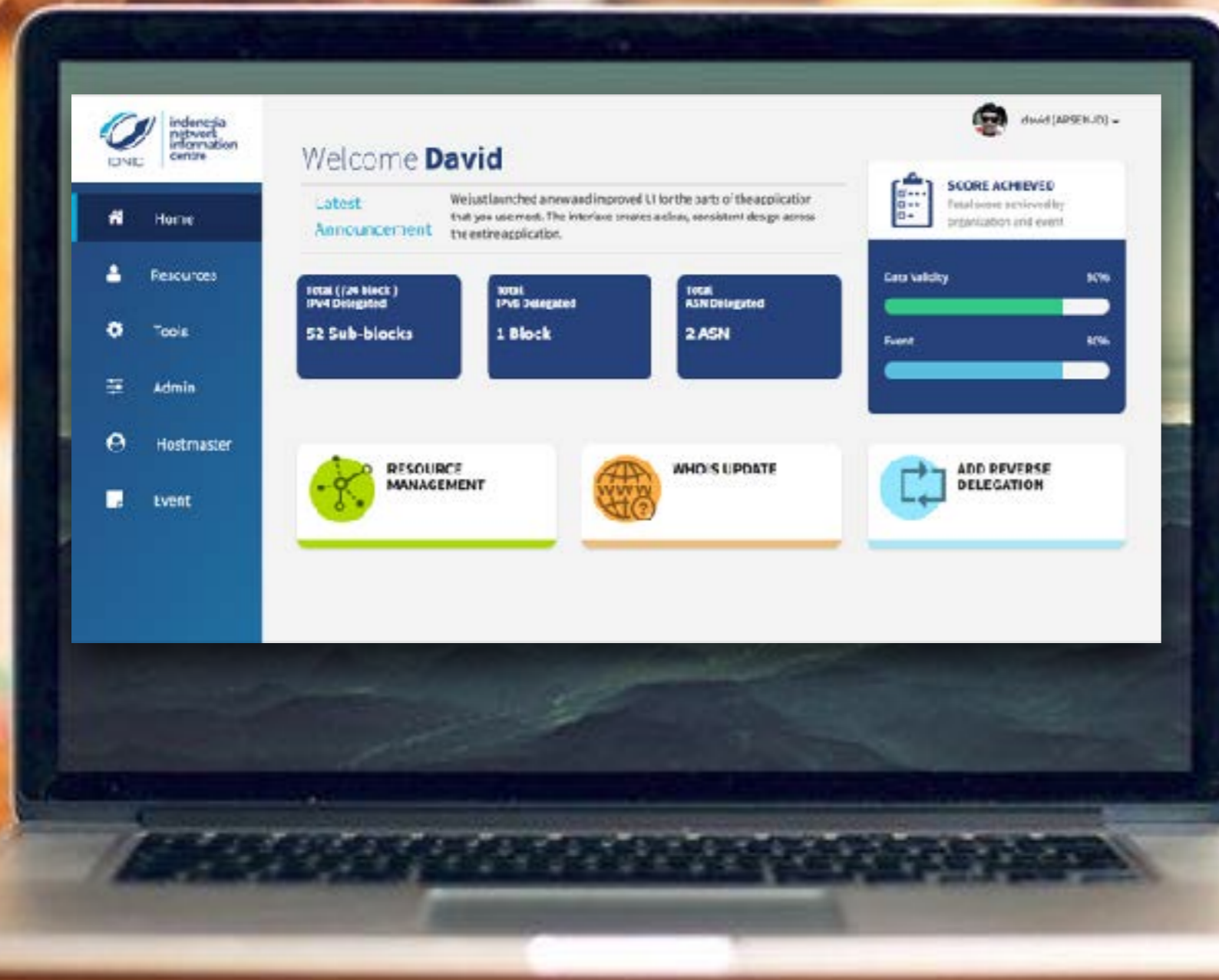


# IPAM (IP Address Management) to WHOIS





# myIDNIC



1 Resource Management

2 Whois Update

3 IDNIC Event

4 IDNIC Announcement

5 E-Voting