Reclaiming our legacy...
...address space

What was involved in reclaiming 14.0.0.0/8?

Leo Vegoda

Manager, Number Resources - IANA

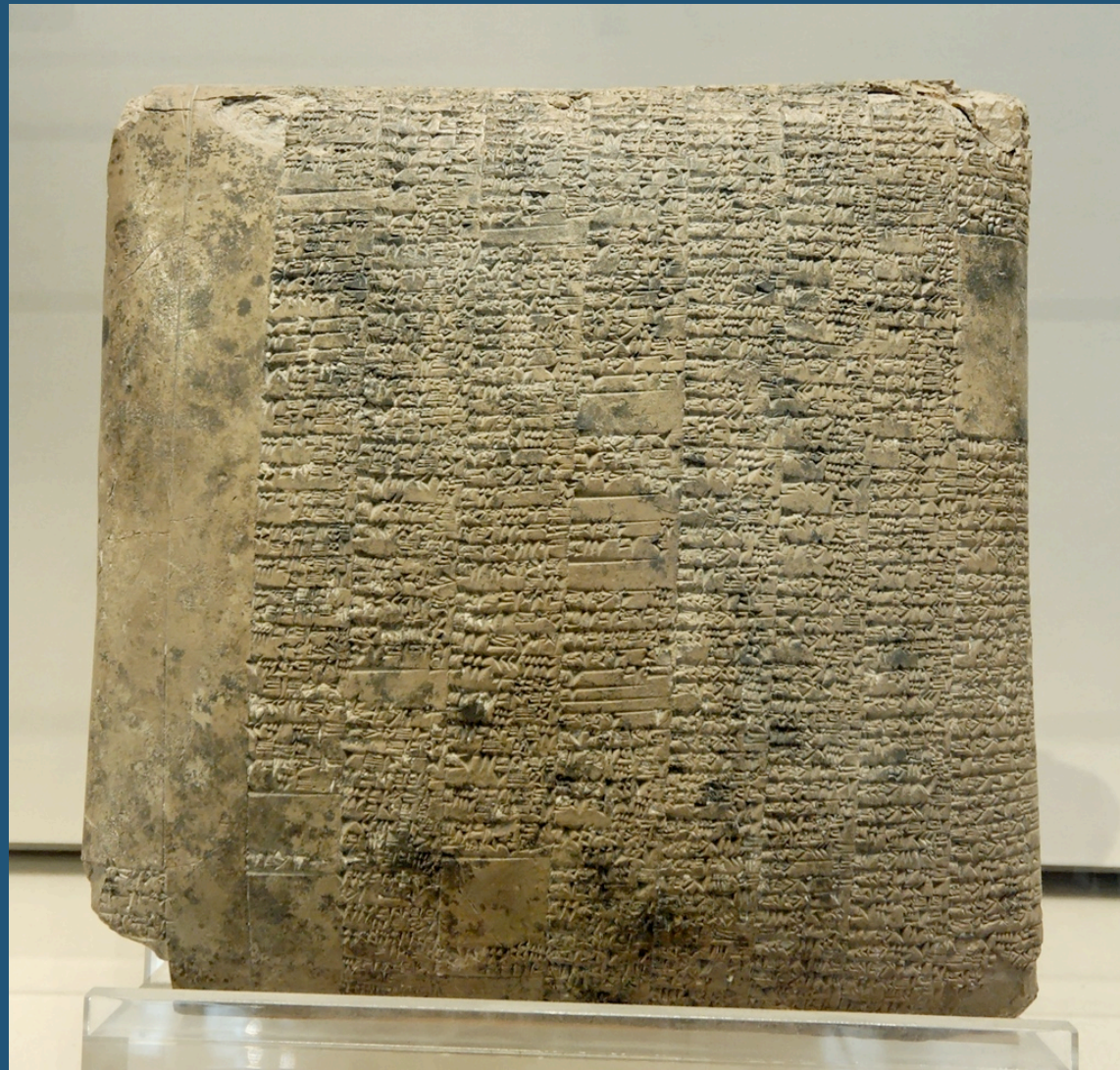*leo.vegoda@icann.org*

ICANN

RIPE 55, Amsterdam, October 2007

iana

Overview

- The context for 14.0.0.0/8

- Time spent

  - By me

  - By other people

- More?

- Conclusion

Balance sheet

A Mesopotamian balance sheet

RIPE 55, Amsterdam, October 2007

Outgoings are not sustainable

Coming home…

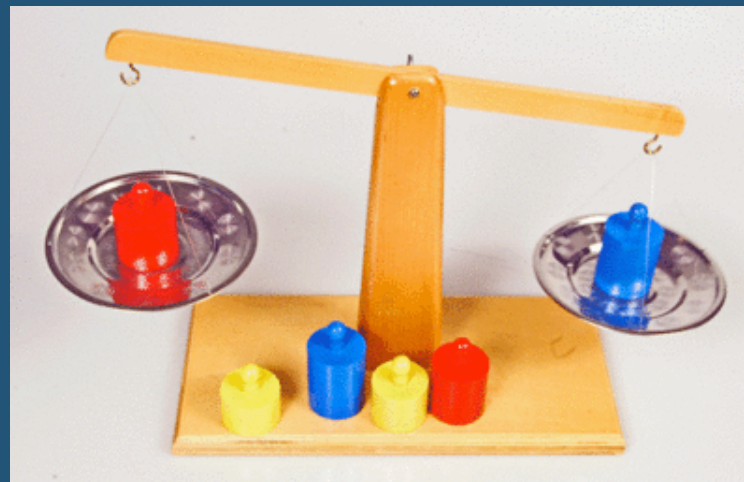 2

 1

 1 (almost)

Leaving home…

 5

 4

 2

RIPE 55, Amsterdam, October 2007

How much work was there?

Count von Count

ICANN

iana

How many registrations were there?

984 addresses

ICANN

iana

How many are left?

1 (one)

ICANN

iana

So how long did it take?

A candle clock

How long did it take me?

About 100 hours

- Research
- E-mail
- IM
- Phone
- Face-to-face meetings

ICANN

iana

How long did it take the registrants?

It varied from network to network. But they...

- Audited their networks
- Scheduled maintenance slots
- Renumbered devices
- Had meetings and helped me investigate
- 5 minutes to 5 days work

ICANN

iana

How long did it take 3rd parties?

5 minutes to a few hours spread over a few days

ICANN

iana

Summary

- A /8 lasts about 1 month at current consumption rates
- Registry cost was about 6 mins per address
- 3½ hours per registration
- Low value addresses
- Prefixes longer than /24
- Not aggregated
- Former Class A space

DOES NOT SCALE

ICANN

iana

RIPE 55, Amsterdam, October 2007