Capacity planning

Definition

kipedia:

acity planning is the process of determining the production
city needed by an organization to meet changing demands
ucts. In the context of capacity planning, "capacity" is the
mum amount of work that an organization is capable of
pleting in a given period of time.

d for thought:

t is the 'production capacity' of the Internet and who dete
or the individual pieces there is a simple answer; but when

Background

A subject at early RIPE meetings

It ‘died’ with the advent of the commercial Internet

This session is about that old subject

and whether and how to put it back on the agenda

Agenda

ief History of Time: background and introduction
co van Mook

acity Planning at AMS-IX
k Steenman, CTO

acenter Planning at Equinix
ro Beusker, VP Corporate Development Europe

acity Planning: Carriers vs. Akamai
stian Kaufmann, Senior Manager Network Architecture

Pay attention

There will be a test afterwards!

ut to give you a fair chance I'll give you the questions alrea

Sneak preview

ns:

we again publicly discuss this subject at RIPE

t of the plenary, in a working group or otherwi
hould we discuss there?
o we handle (commercial) restraints?
ill help in taking this forward?

Capacity Planning

A brief history of time

Rem

Way, way back in time

In 1989 there was a meeting

To talk about better connecting

And sharing

European Internet networks

Way, way back in time

This meeting was later called RIPE 1

From the minutes:

the meeting was therefore defined as follows:

t as complete as possible all information about ongoing IP

ties.

nitiatives to set up, co-ordinate and support IP connectivi

Europe.

nitiatives to co-ordinate European - USA IP connections.

One more line

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The different organisations explain thei
inter)national connections planned for t
near future.
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This was a long time ago

RIPE 1 was a meeting of non-commercial networks

The reason for cooperation was minimized cost

Not maximized returns

So since we've gone commercial

We've stopped talking about this

But how different is it?

Key issues then:

Net Neutrality

Capacity constraints

Minimizing collective cost

Key issues now:

Net Neutrality

Capacity constraints

Minimizing individual cost

But did the subject die?

But did the subject die?

It's not dead

But we've taken it 'outside'

ine ALL discussions during coffee breaks
to be about address policy)

hould we take it 'inside' again?

Enjoy the presentations

Now the test

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Thanks for your time!

van Mook

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