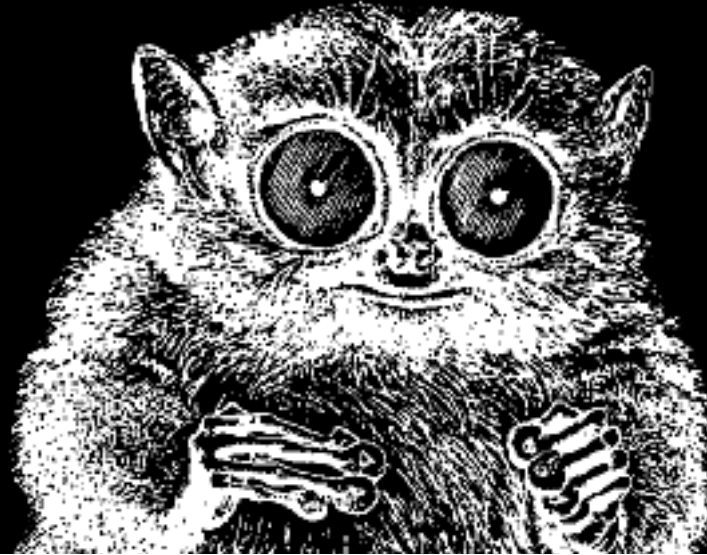


Starting an Internet Exchange In a Nutshell

Version 1.0

June, 2006

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Determine Need

Sufficient end-user base?

No existing facility to build upon?

Sufficiency of locally-destined traffic?

Geographic Location

User population

Fiber facilities or rights-of-way

Founding participants

Density

Centralized in one room

Campus of adjacent buildings

Distributed across a metro area

Host Facility Management

Telco hotel

University computing or telecommunications
facility

City emergency services facility

In-Building Facilities

Pathways

Power

Cooling

Access and security

Services

Switch fabric

Crossconnects

Looking-glass

Remote hands

NTP

Web caching

Organizational Structure

Incorporated or unincorporated?

Staffed or volunteer?

Non-profit or for-profit?

Cooperative or external ownership?

Free, cost-recovery (predictive or actuals),
ad-hoc, or market pricing?

Policies

BLP, MLPA or MMPLA?

Mandatory looking-glass?

Routing and switch-port information public or members-only?

Secrecy or disclosure in the event of security problems, failures, or mistakes?

Extensible switch fabric?

Thanks, and Questions?

Copies of this presentation can be found
in Keynote, PDF, and QuickTime formats at:

<http://www.pch.net/resources/tutorials/ep-construction>

Bill Woodcock
Research Director
Packet Clearing House
woody@pch.net