

from two-sided pricing to gated
communities:
welcome back to the eighties

julien mailland
indiana university, telecommunications

should regulation attempt to
preserve the properties of the open
Internet?

two-sided pricing → gated communities

network effects – metcalfe's law

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online fanzine

network effects – metcalfe's law

online fanzine

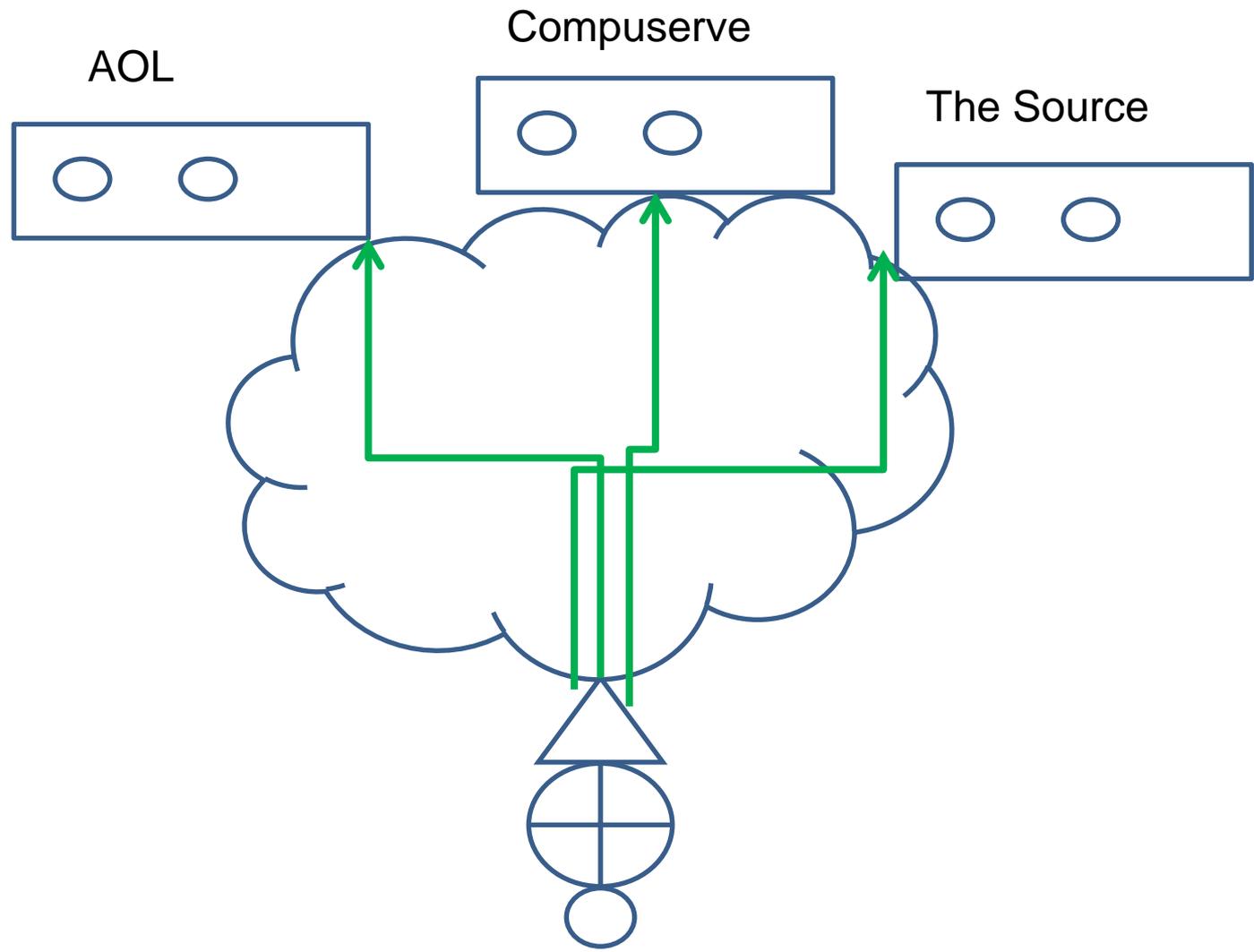
first amendment theory

free flow theory

remember the eighties



gated communities / closed gardens
curated content



1980s networks were not neutral

they discriminated based on content



IN THE SPOTLIGHT



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PERSONAL FINANCE

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Clubs & Interests

Education

COMPUTING

REFERENCE DESK

TRAVEL

INTERNET CONNECTION

MARKETPLACE

SPORTS

PEOPLE CONNECTION

KIDS ONLY



Closed IOs
environment ((gated
community)

cell phone network





Closed IOs
environment (walled
garden)



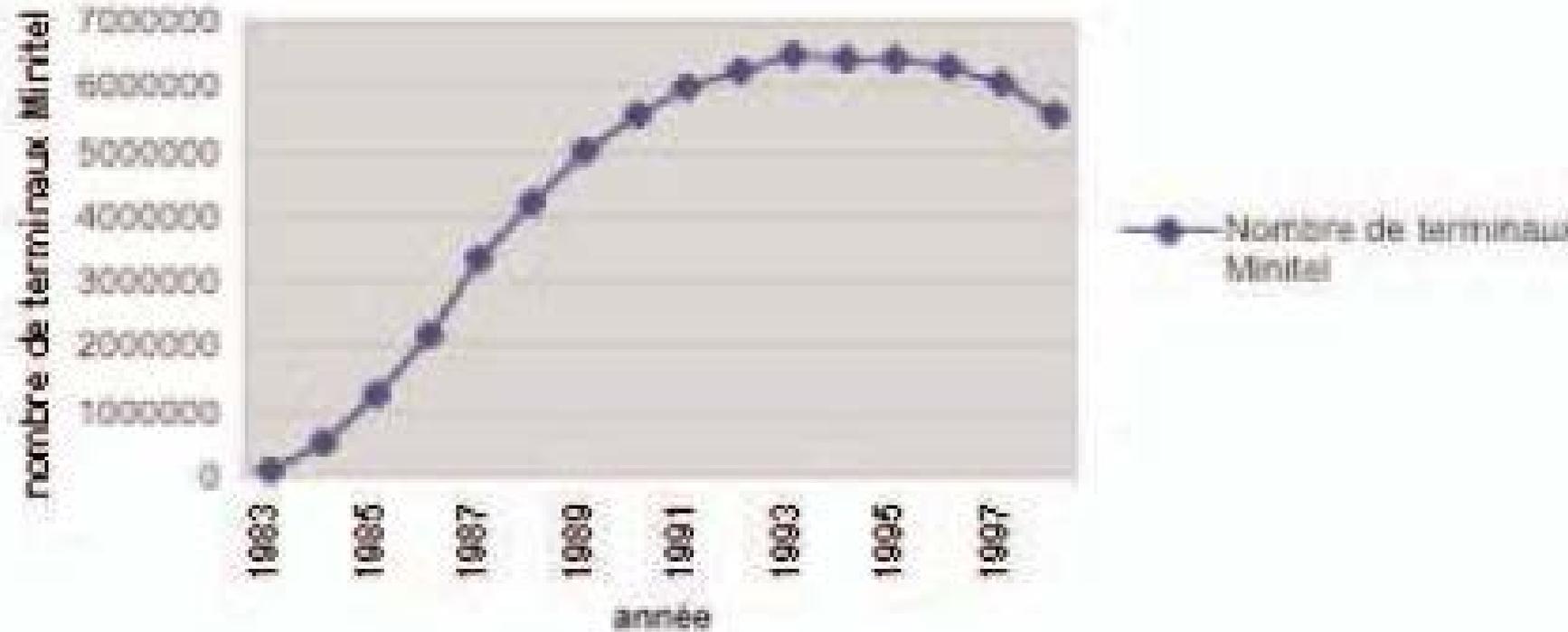
Wikileaks

cell phone network



they discriminated based on the
personality of the speaker

Evolution du Minitel

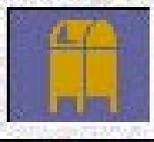


Number of Minitel terminals

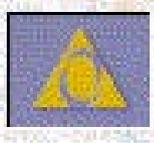
[from Gonzalez A. & Jouve E., *Minitel, histoire du réseau télématique français*, 47 (1) FLUX (2002)]



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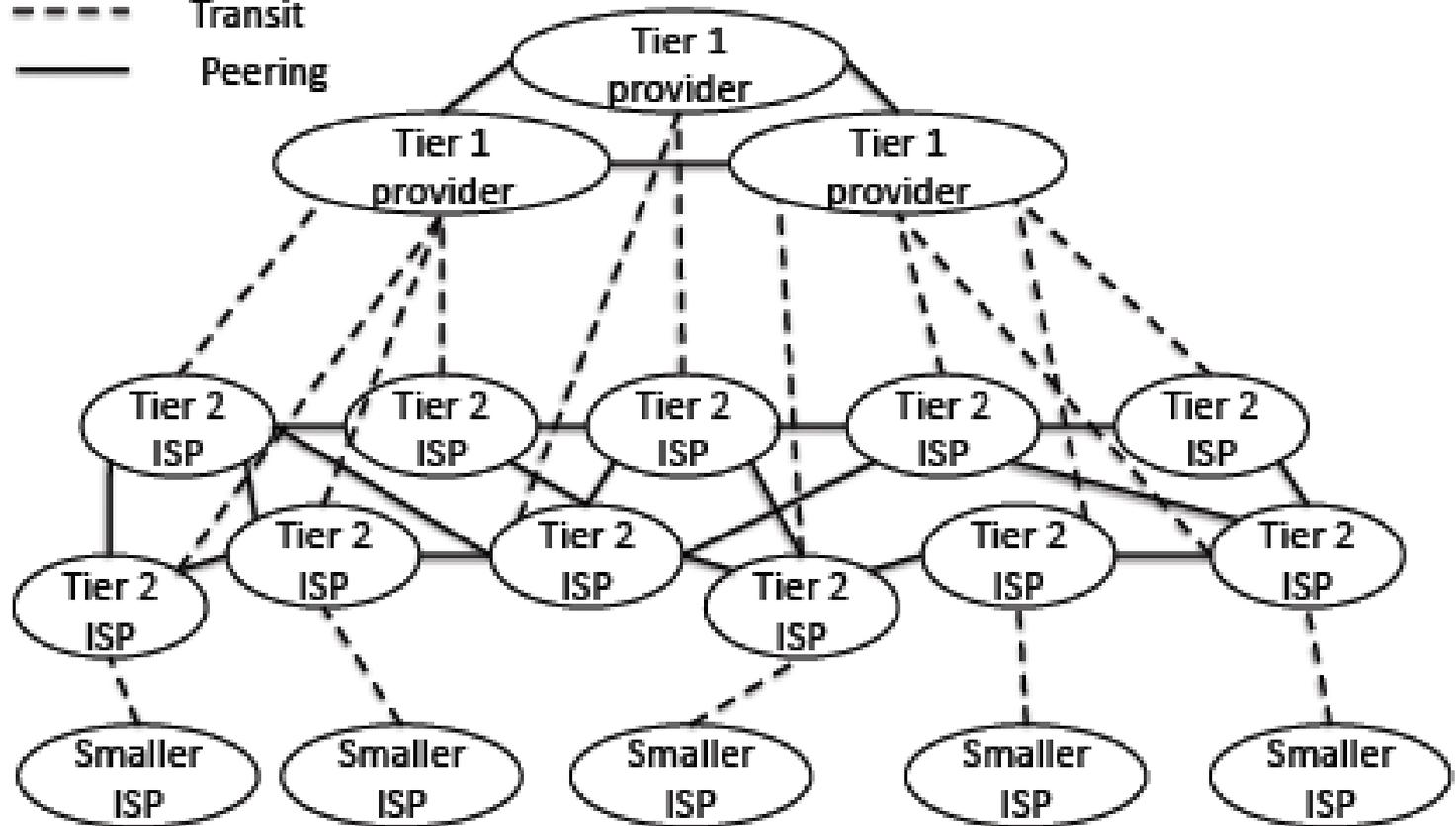
two-sided pricing → gated communities

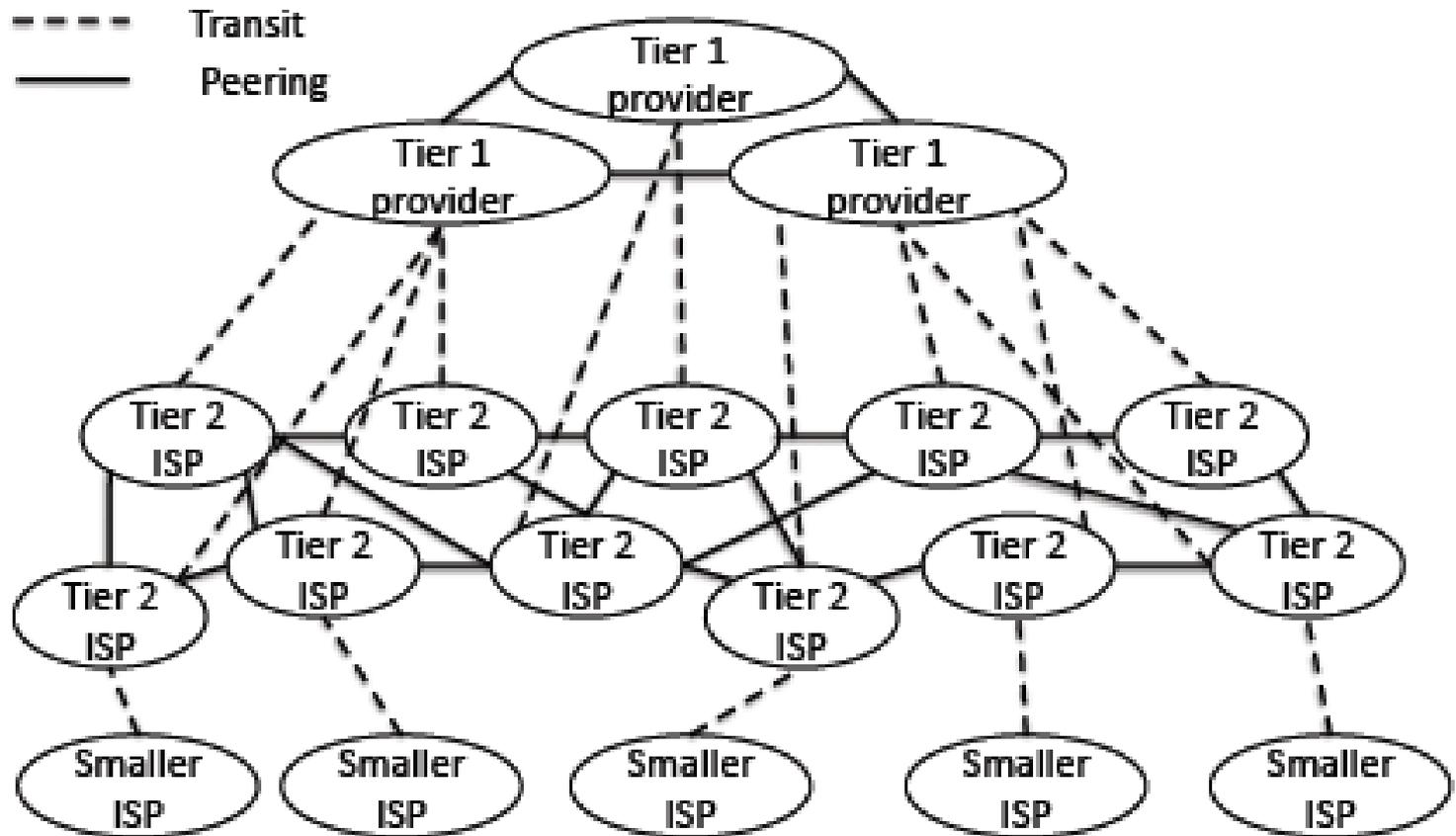


Transit



Peering



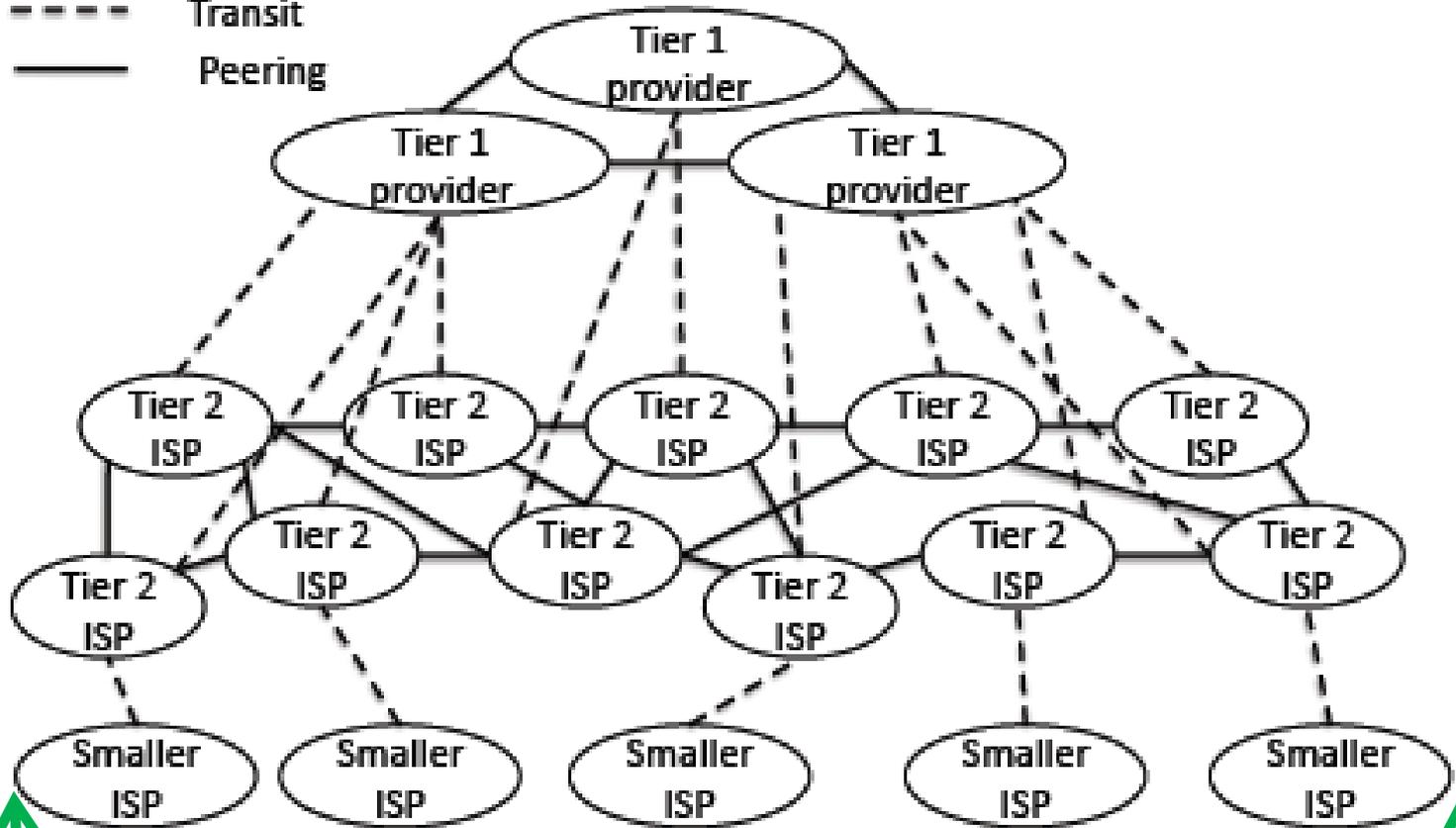




Transit



Peering



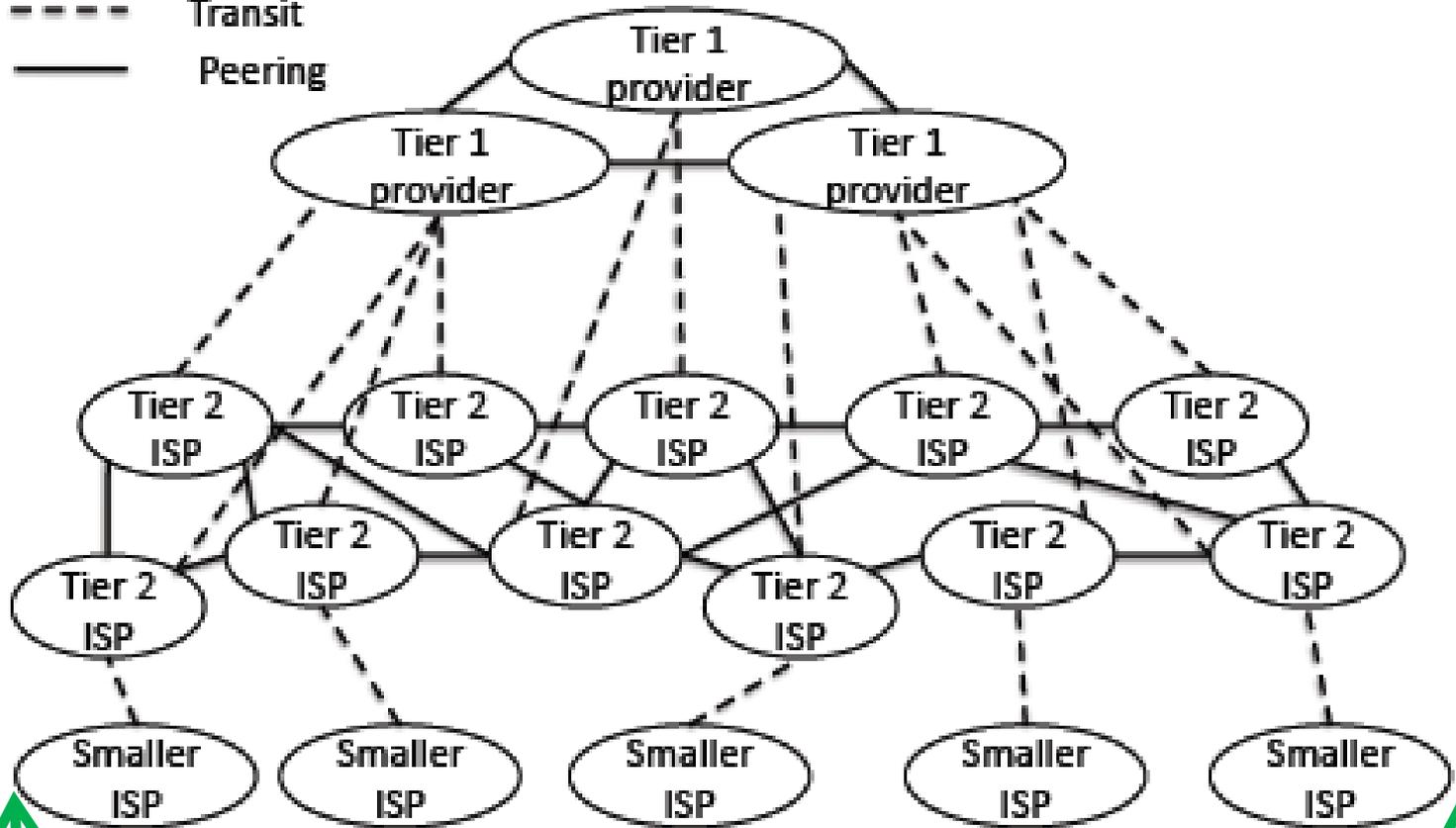
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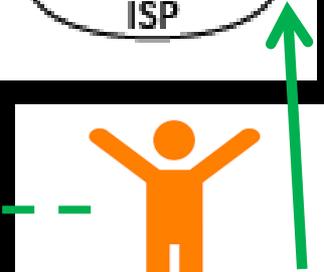
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— Peering



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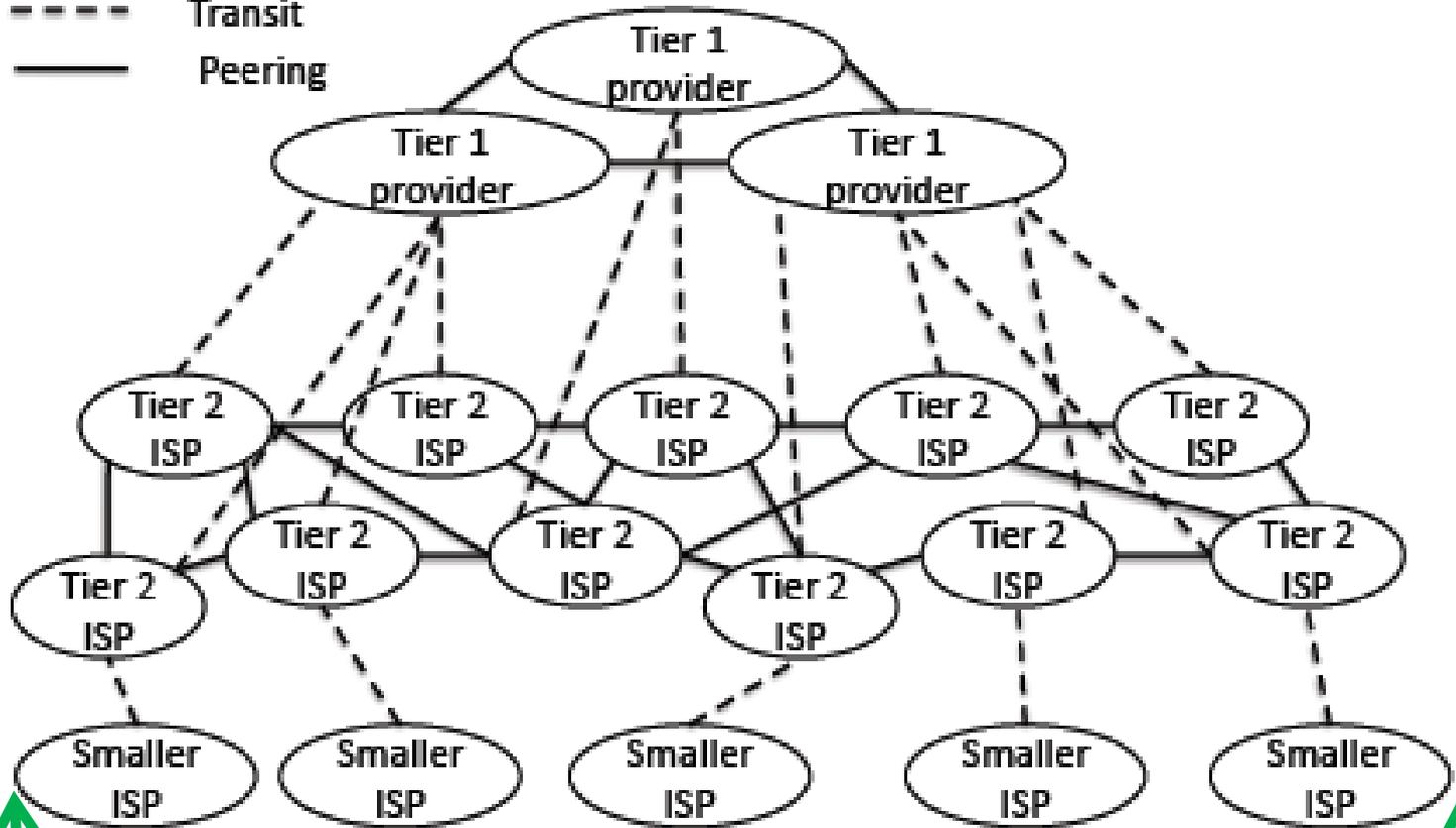


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--- Transit
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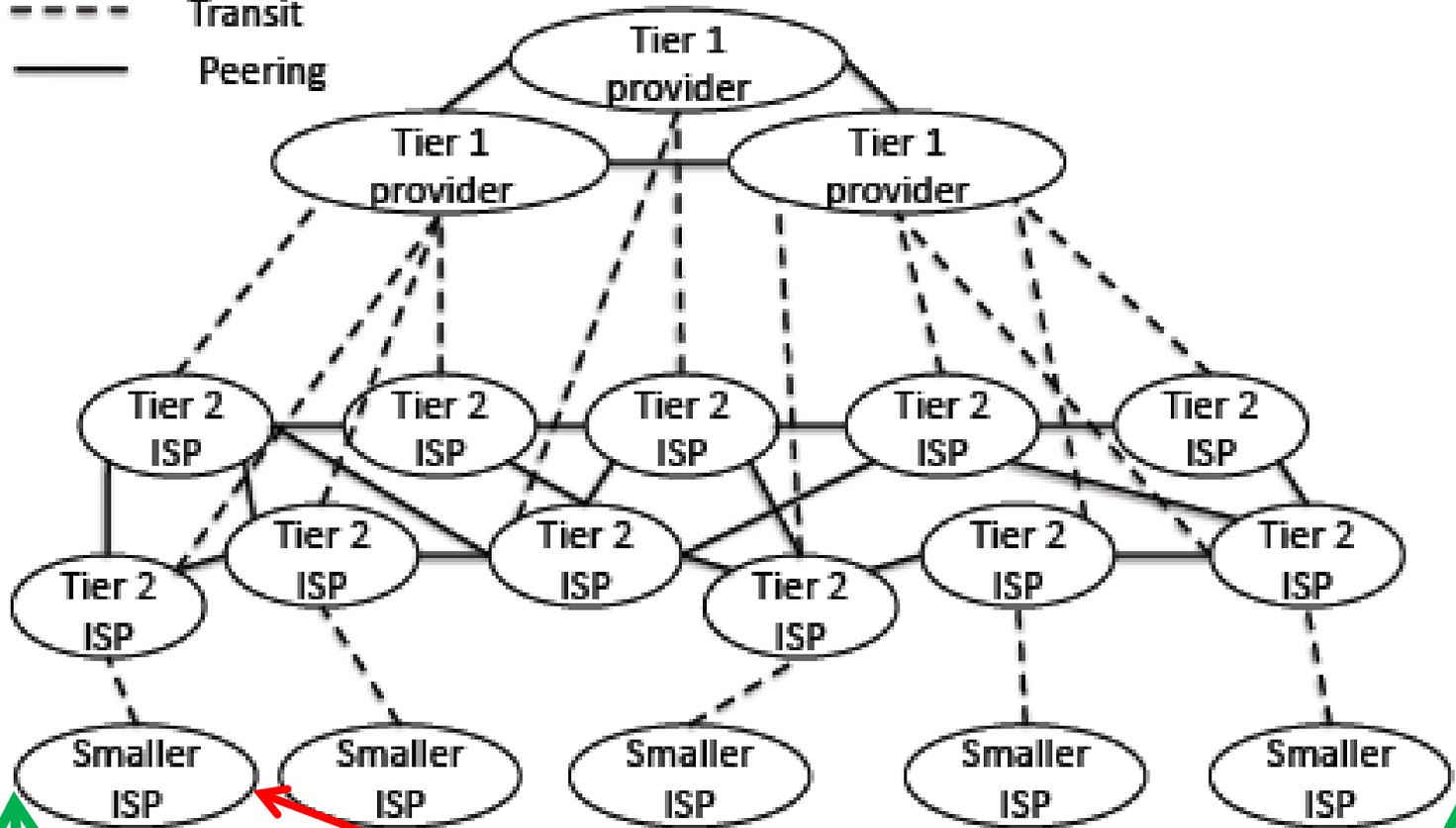
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MINITEL
Research Lab, USA

www.minitel.us

--- Transit
— Peering



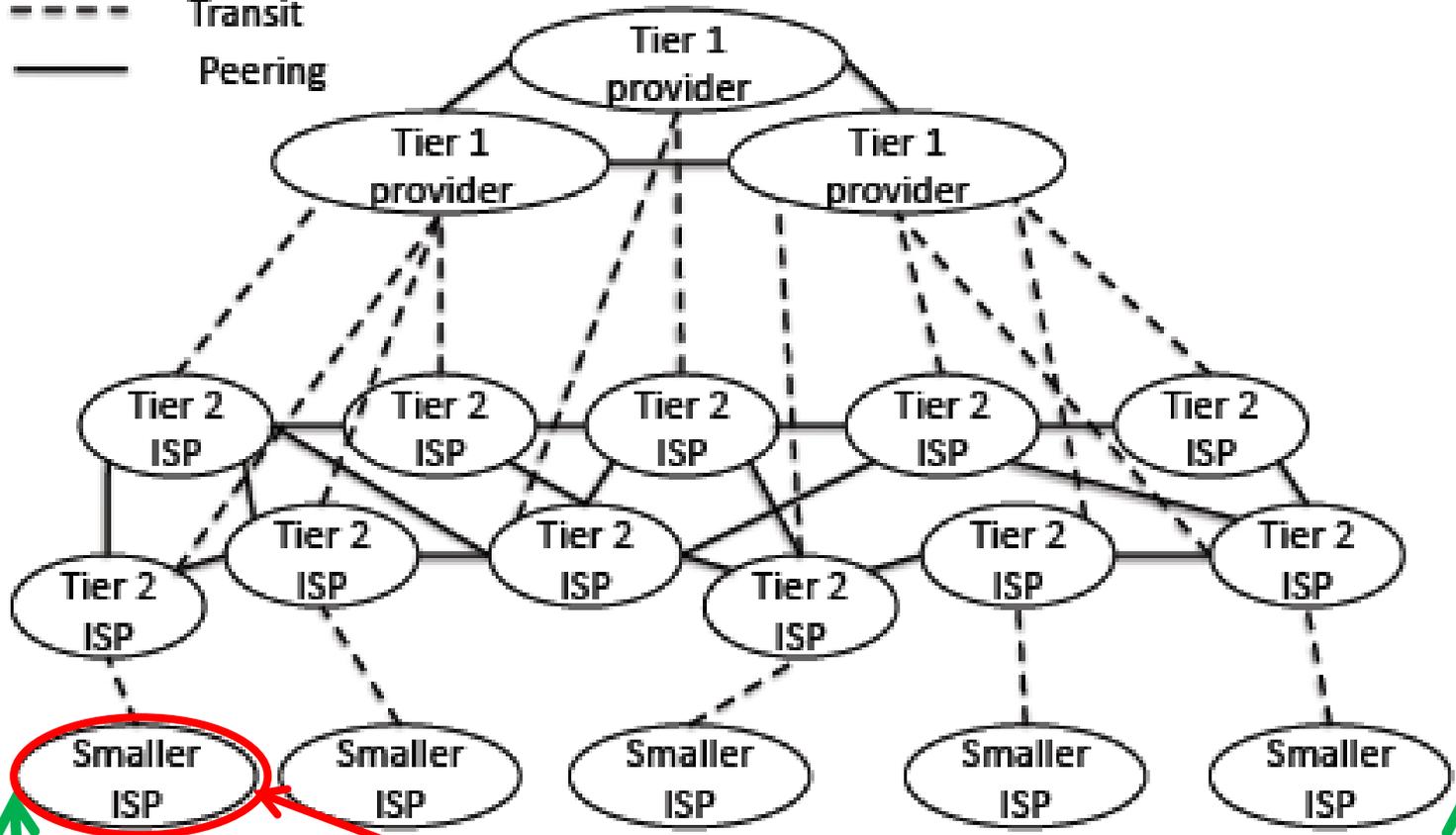
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--- Transit
— Peering



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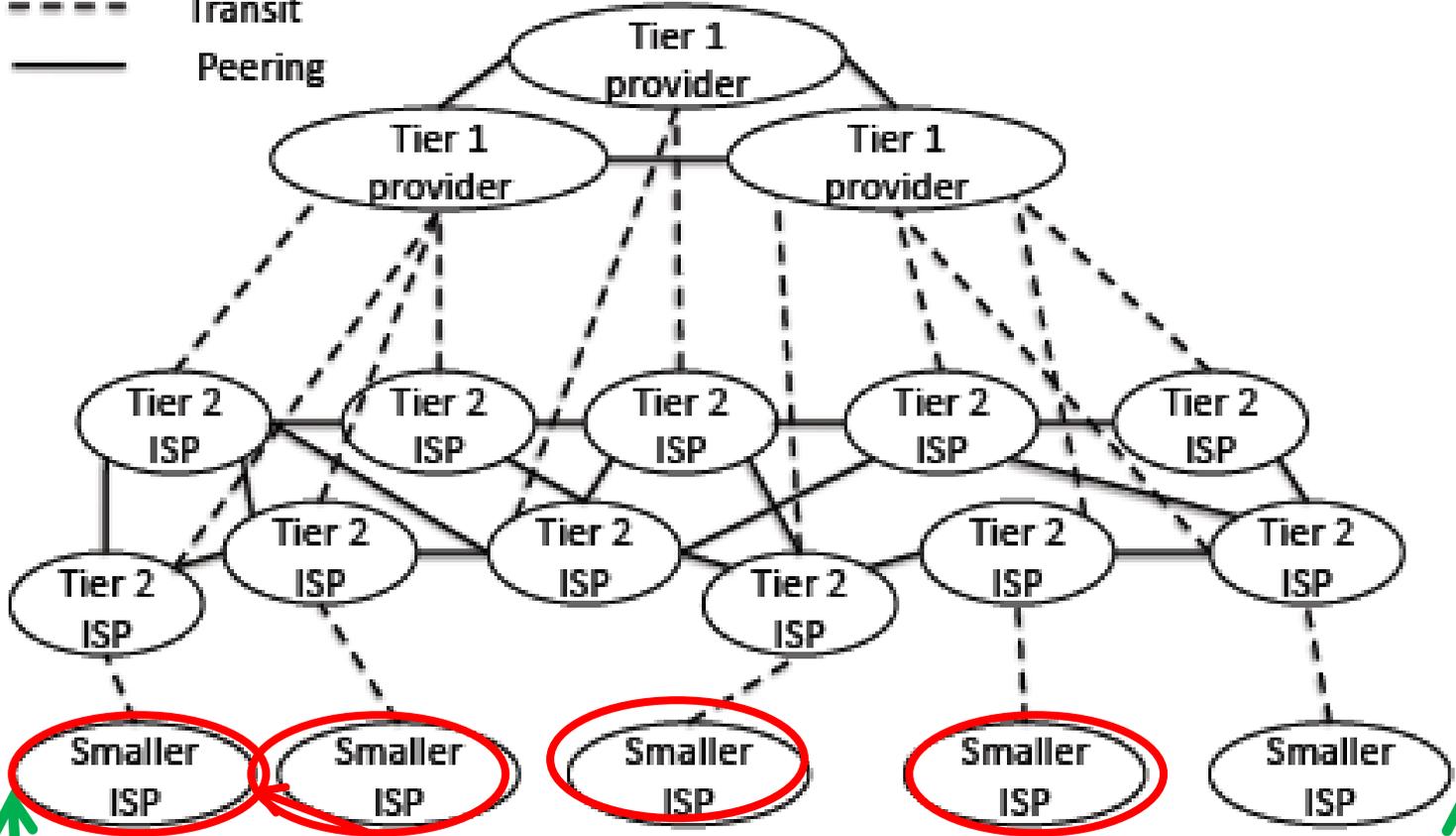


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censorship

(prior authorization is needed for publication)

--- Transit
— Peering



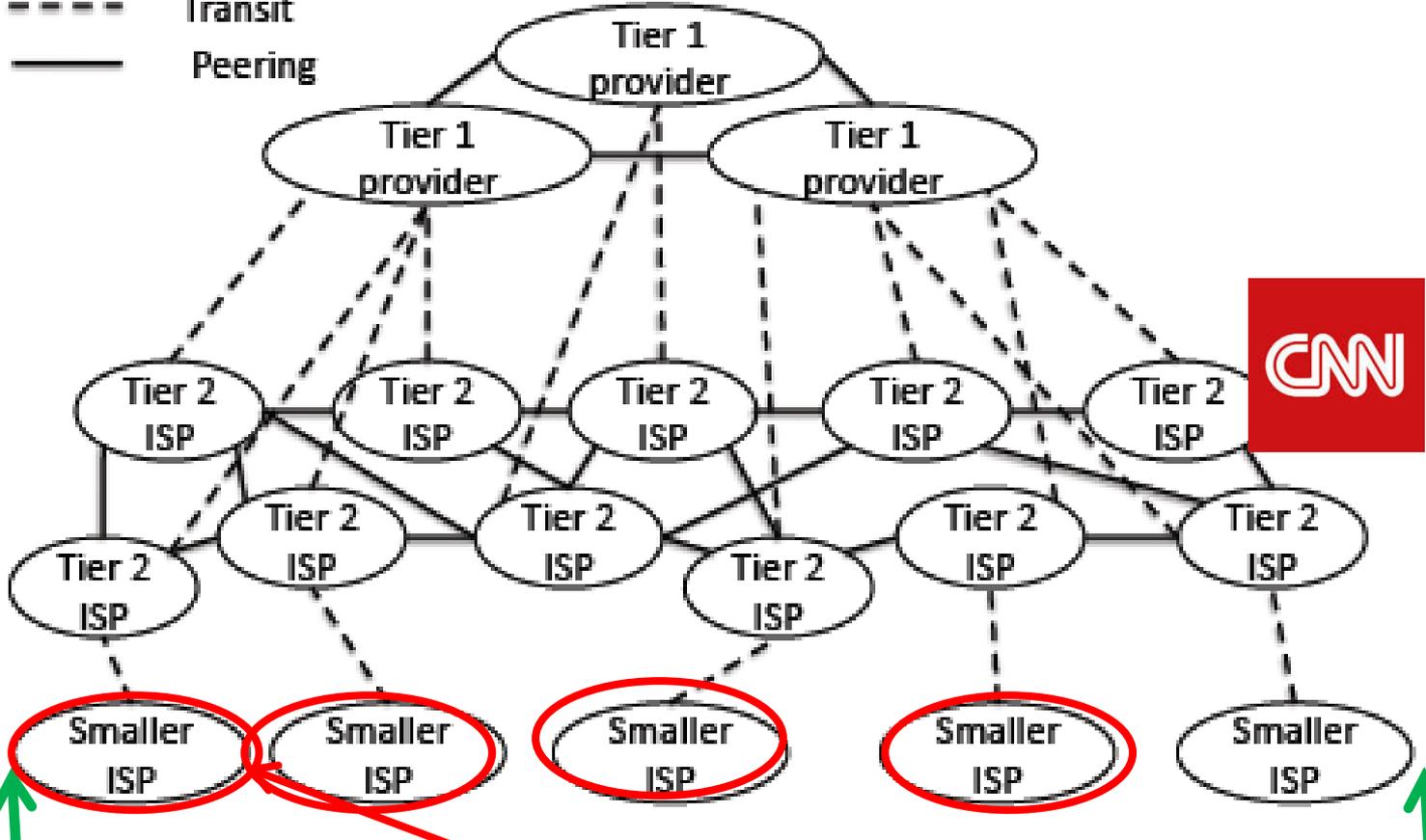
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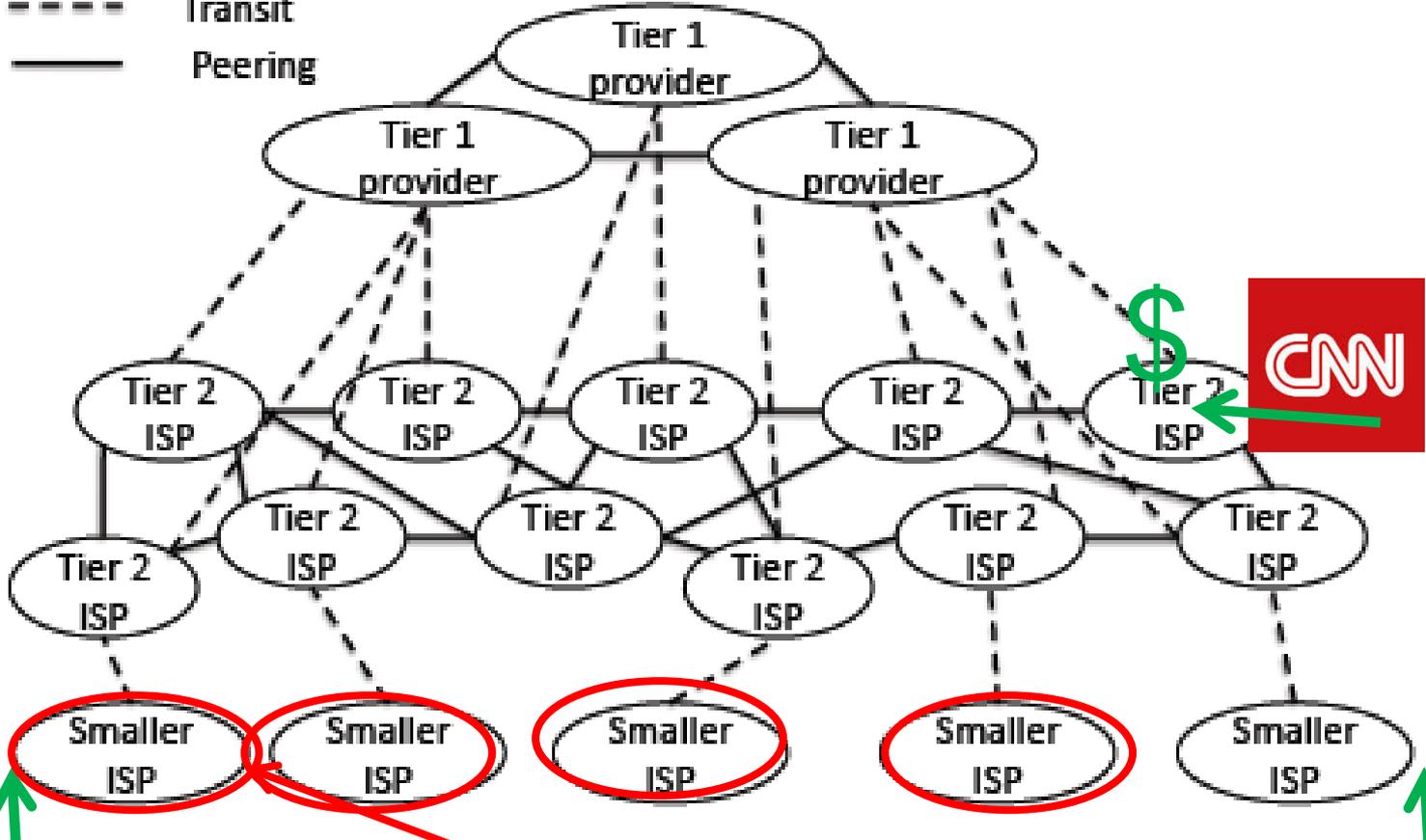
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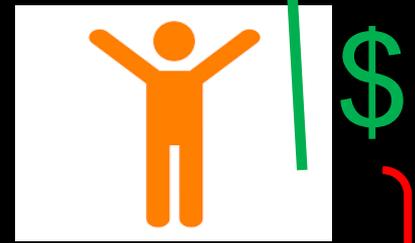
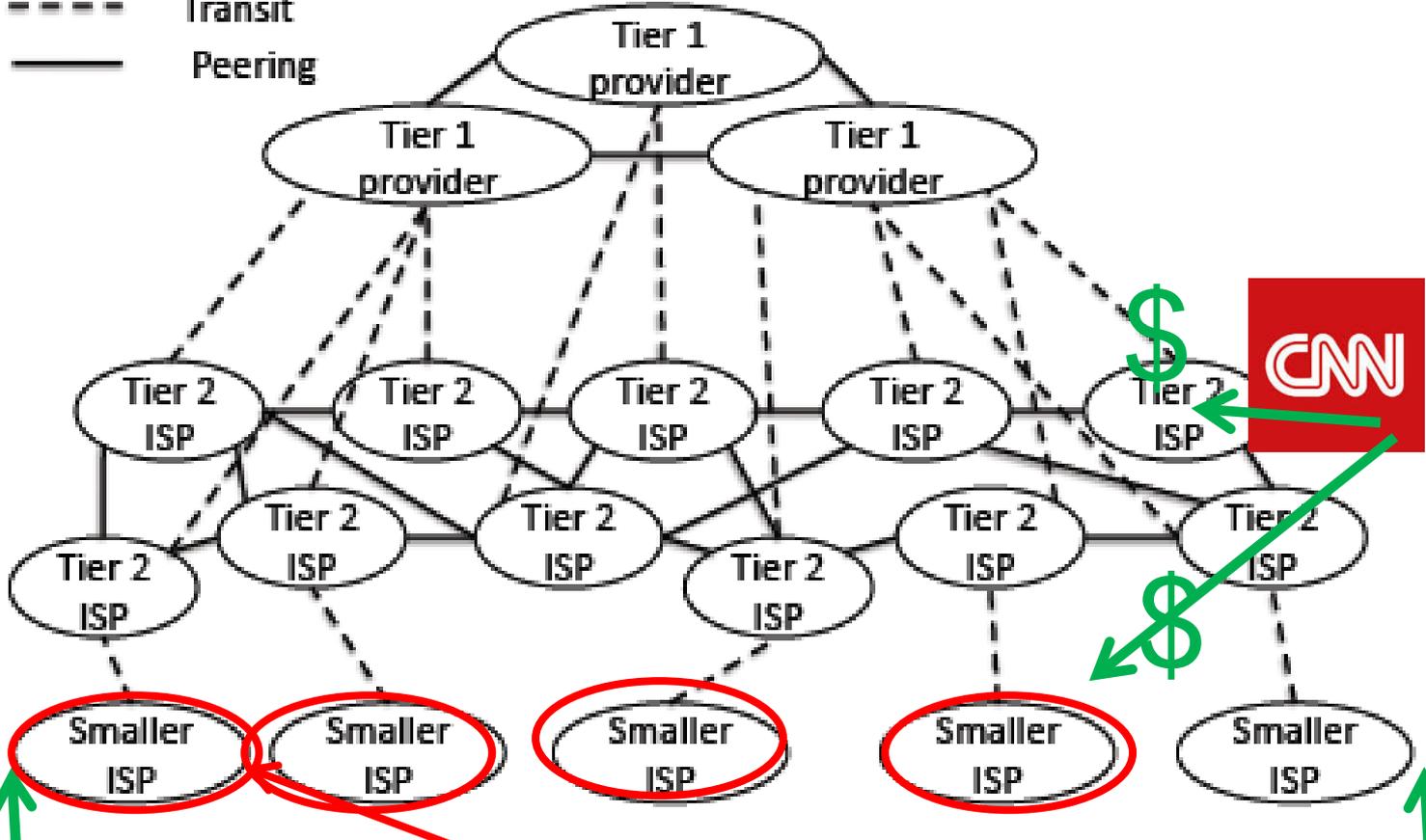
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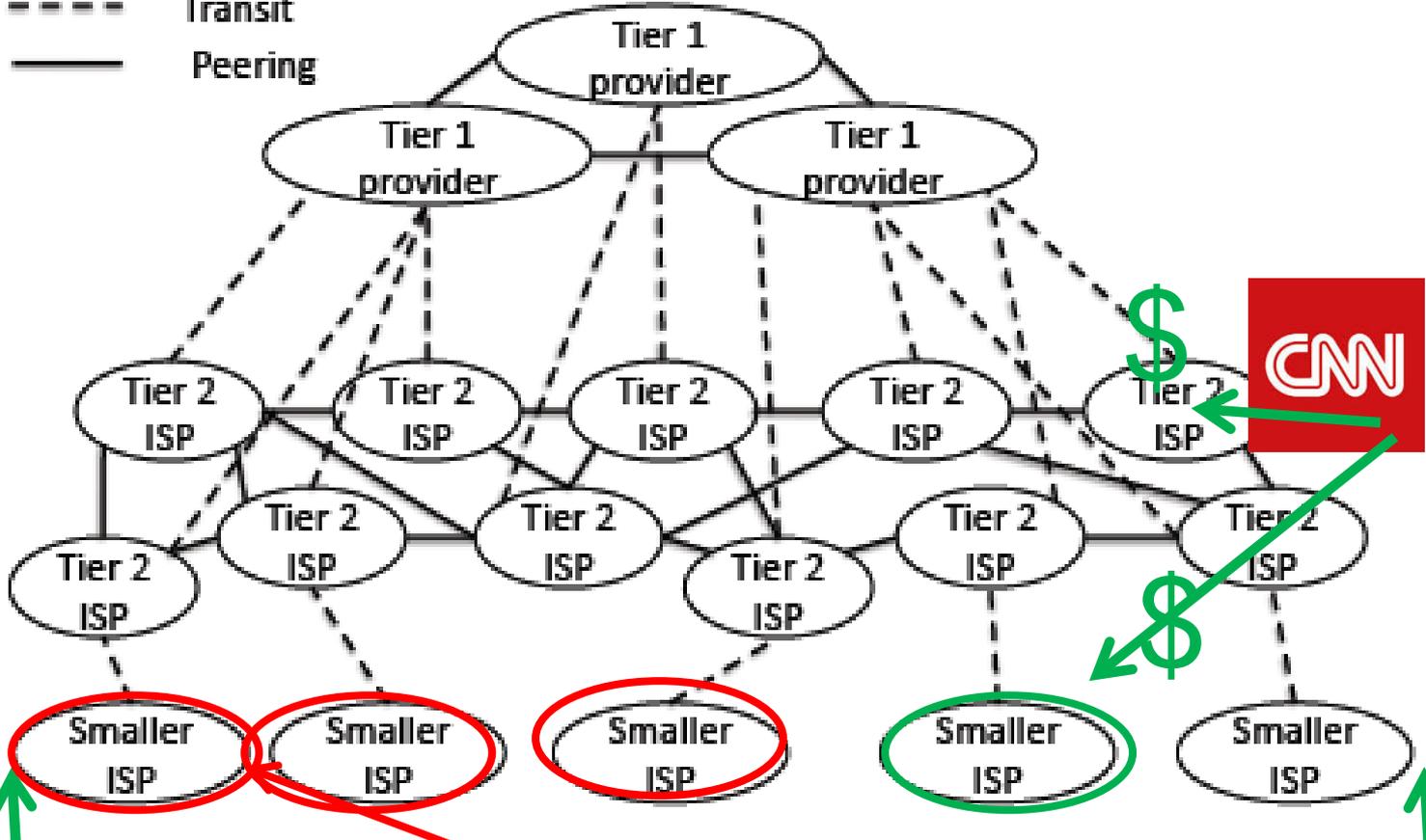
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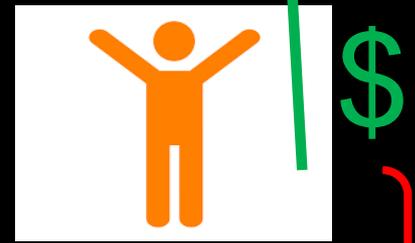
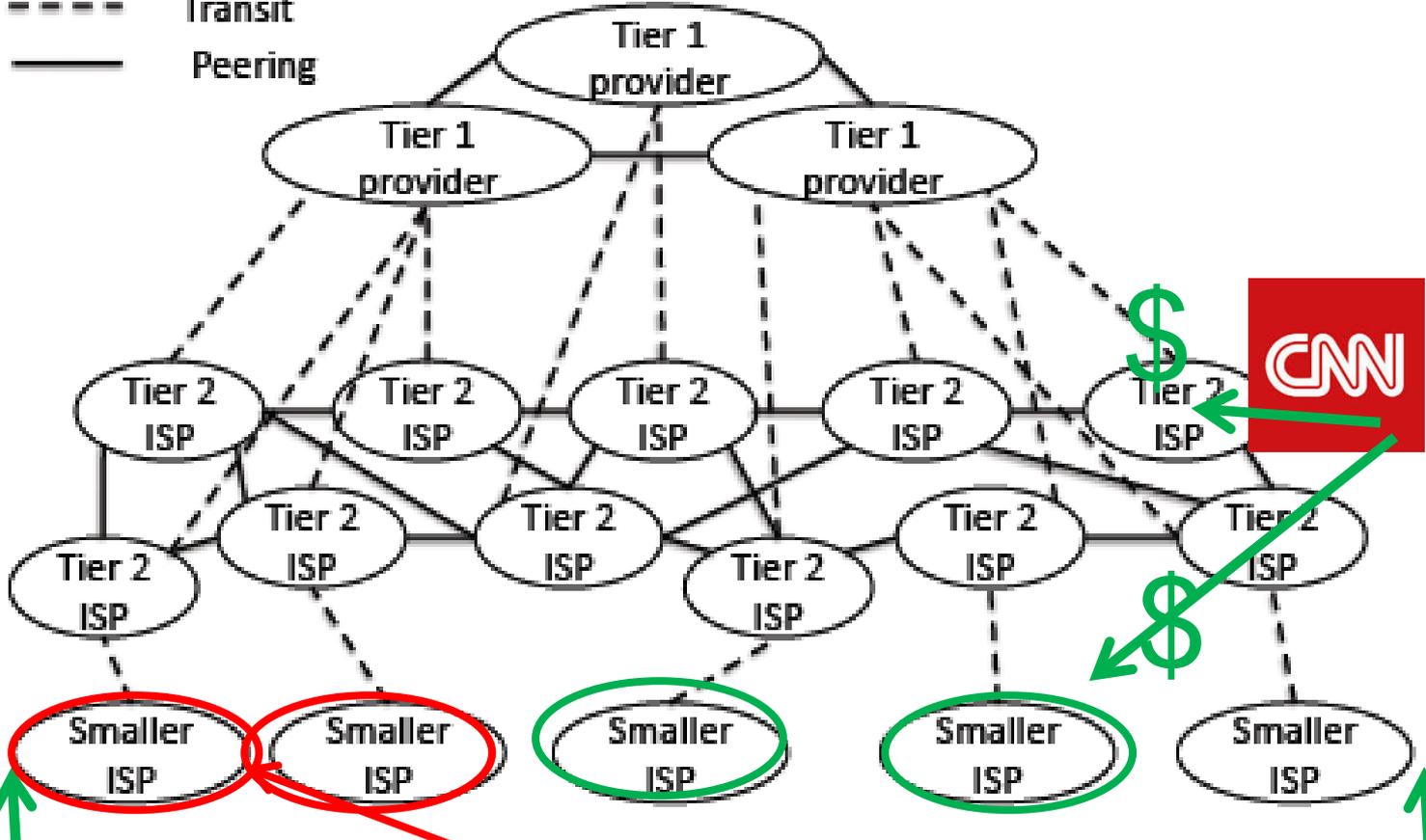
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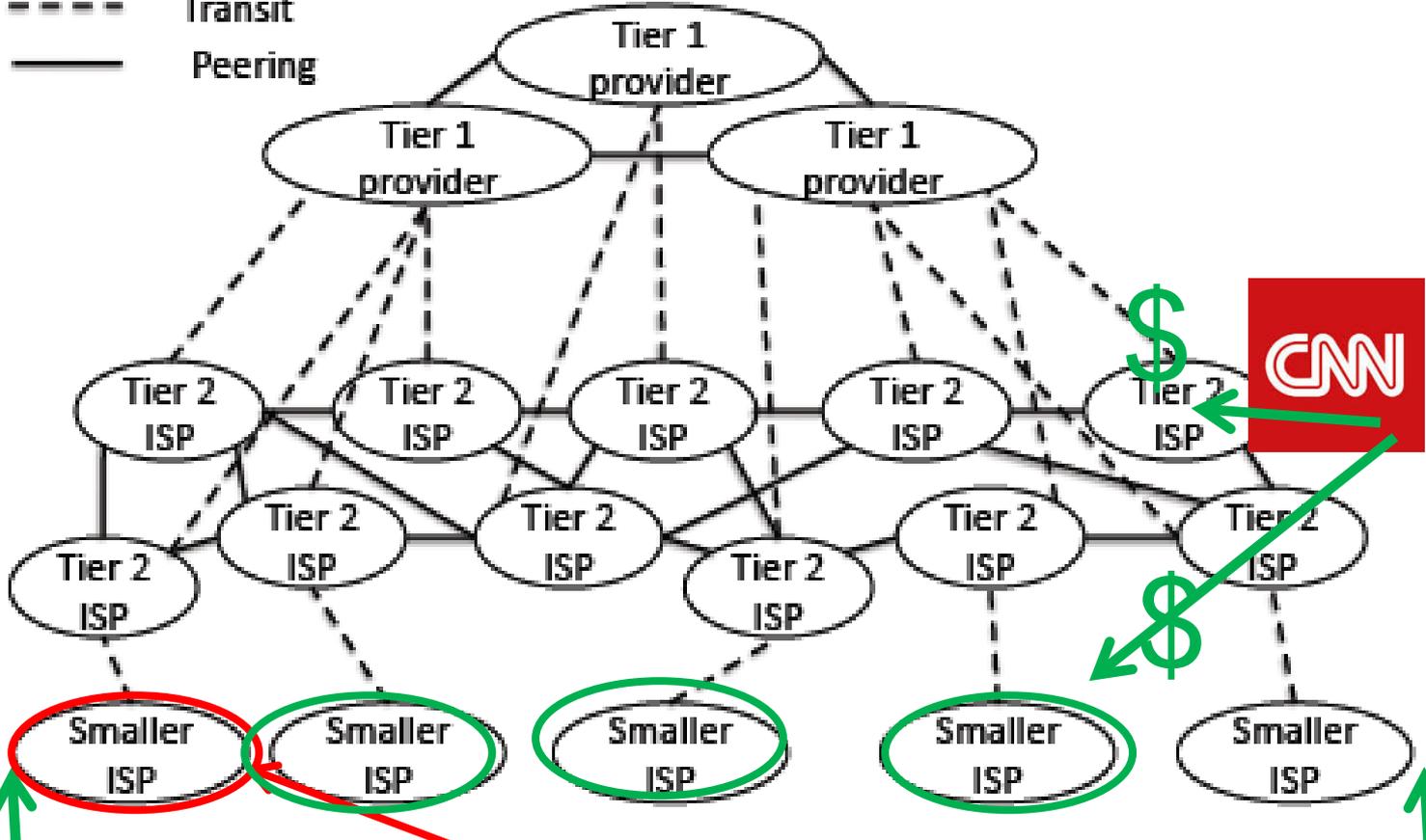
--- Transit
— Peering



--- Transit
— Peering



--- Transit
— Peering



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