

How to measure global reachability?

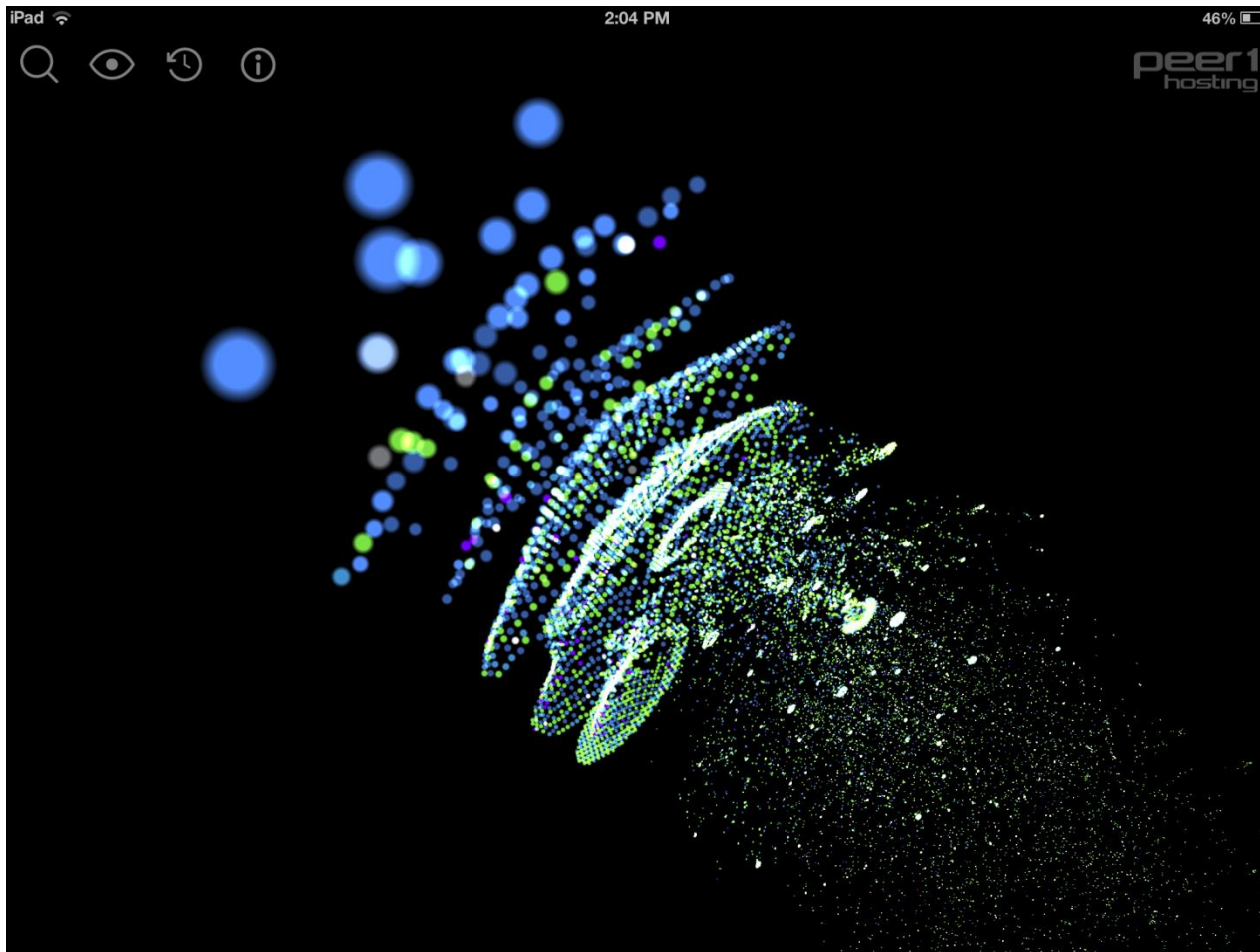
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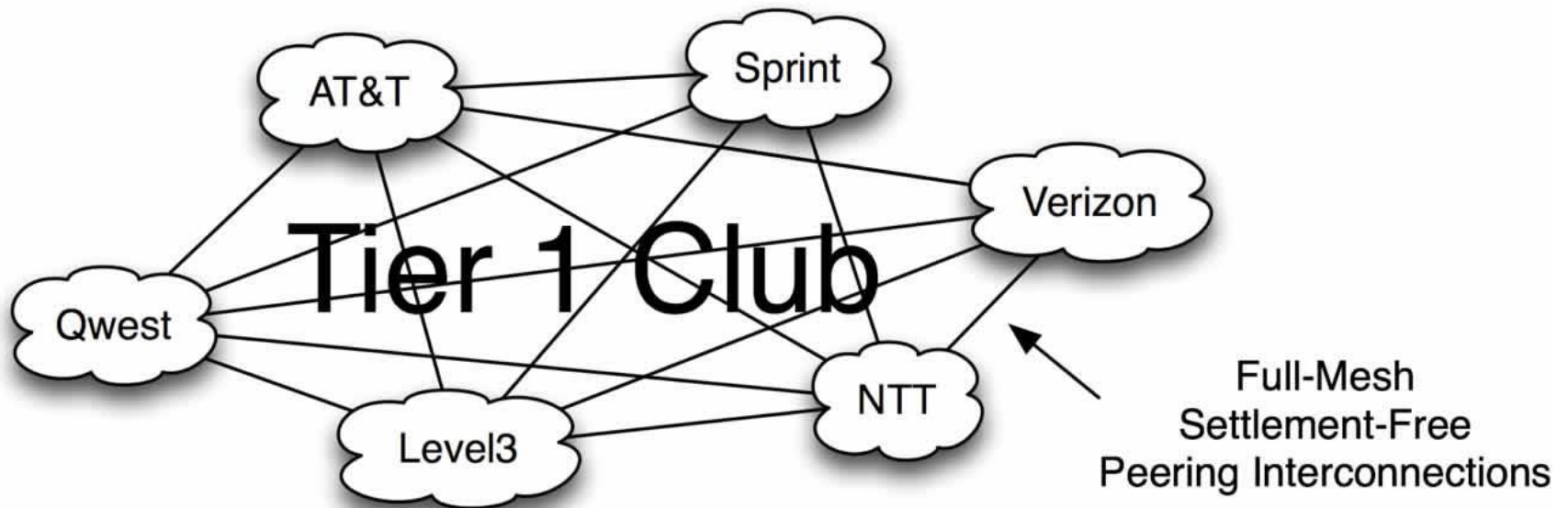
How Not To



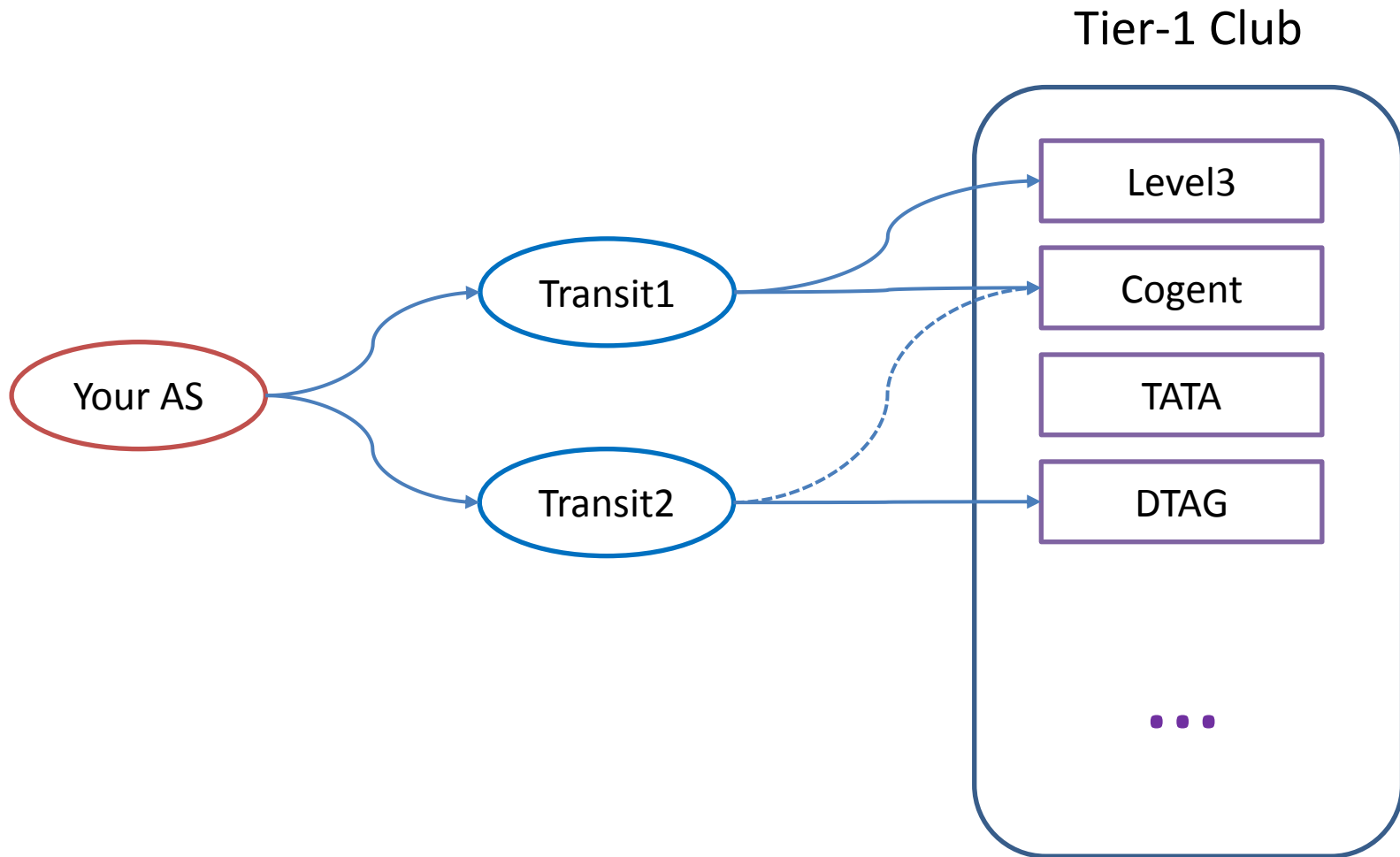
How Not To



What is Global Reachability



Necessary Condition of Reachability



At least one c2p sequence to Tier-1

What If Scenario

One network is dead...

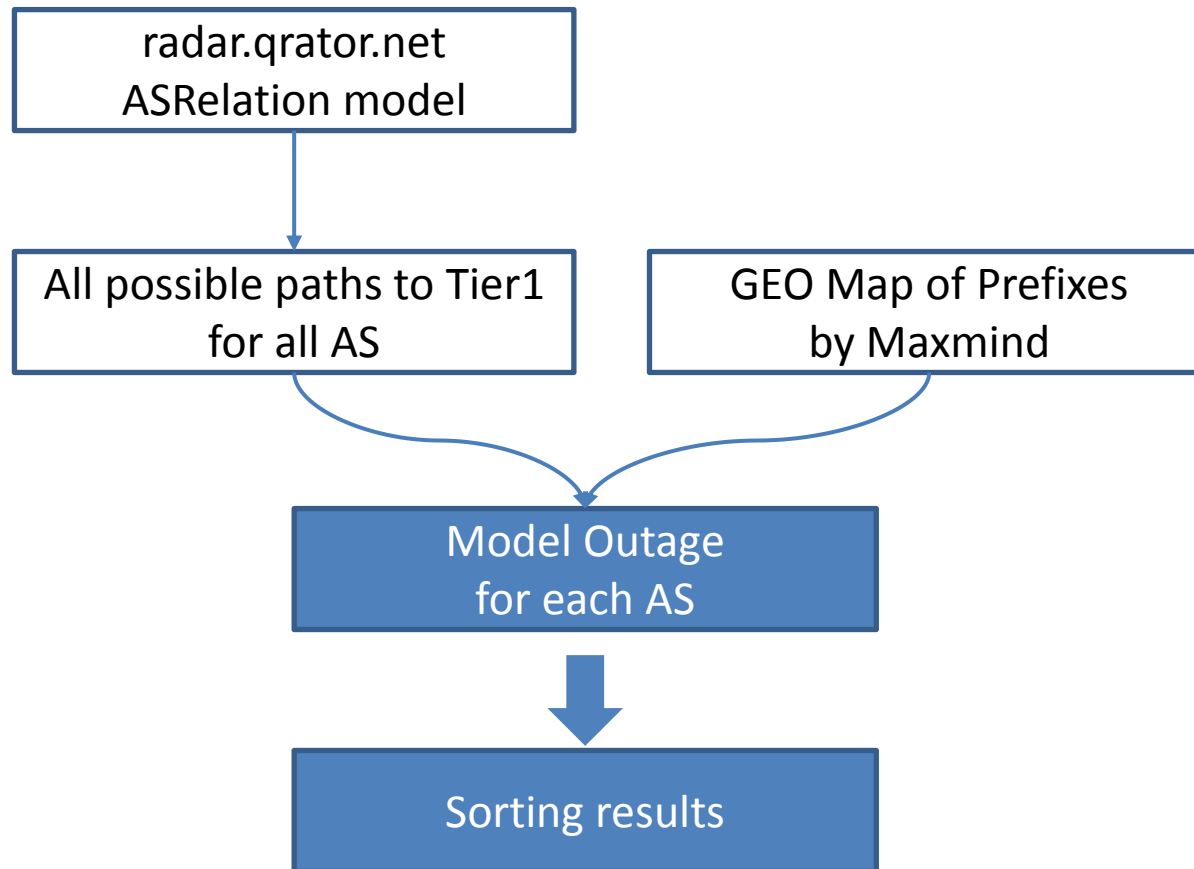
How it will affect all other networks?

What If Scenario

One network is dead...

How it will affect all other **countries**?

A Measurement



National Stability: Top-10

Страна	Оператор связи (номер АС)	Эффект %
Великобритания (GB)	Virgin Media (5089)	3.4
США (US)	TATA (6453)	5.0
Россия (RU)	Rostelecom (12389)	5.5
Польша (PL)	Netia SA (12741)	5.7
Дания (DE)	GHOSTNET (12586)	6.0
Канада (CA)	Rogers Cables (812)	6.0
Франция (FR)	Orange S.A. (5511)	6.5
Бангладеш (BD)	BRAC BDMAIL (24342)	7.2
Гонг-Конг (HK)	Wharf T&T (9381)	7.7
Ирландия (IE)	Telia (1299)	8.2

National Stability: ex-USSR

Страна	Оператор связи (номер АС)	Эффект, %
Россия (RU)	Rostelecom (12389)	5.5
Украина (UA)	Trialan (13188)	14.1
Латвия (LV)	Telia LV (5518)	19.6
Эстония (EE)	Linxtelecom (3327)	22.1
Армения (AM)	UCOM LLC (44395)	27.7
Литва (LT)	TEO LT (8764)	31.4
Казахстан (KZ)	Kazakhtelecom (9198)	46.9
Грузия (GE)	Caucasus Online (20771)	47.3
Таджикистан (TJ)	ELCat (8449)	56.2
Азербайджан (AZ)	Delta Telecom (29049)	72.02
Белоруссия (BY)	Beltelecom (6697)	86.4
Узбекистан (UZ)	UZBEKTELECOM (28910)	97.32