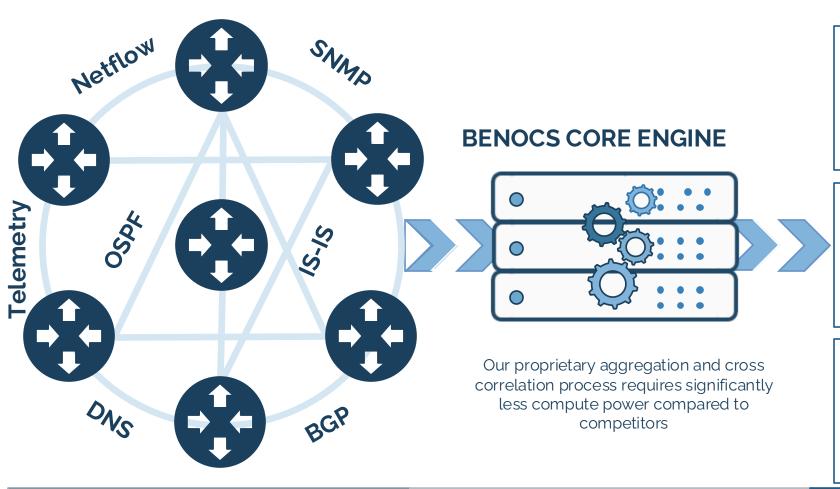
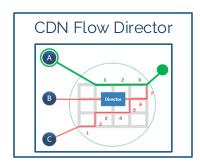


What BENOCS does:















PROTOCOL POOL

PROCESSING

NETWORK INTELLIGENCE



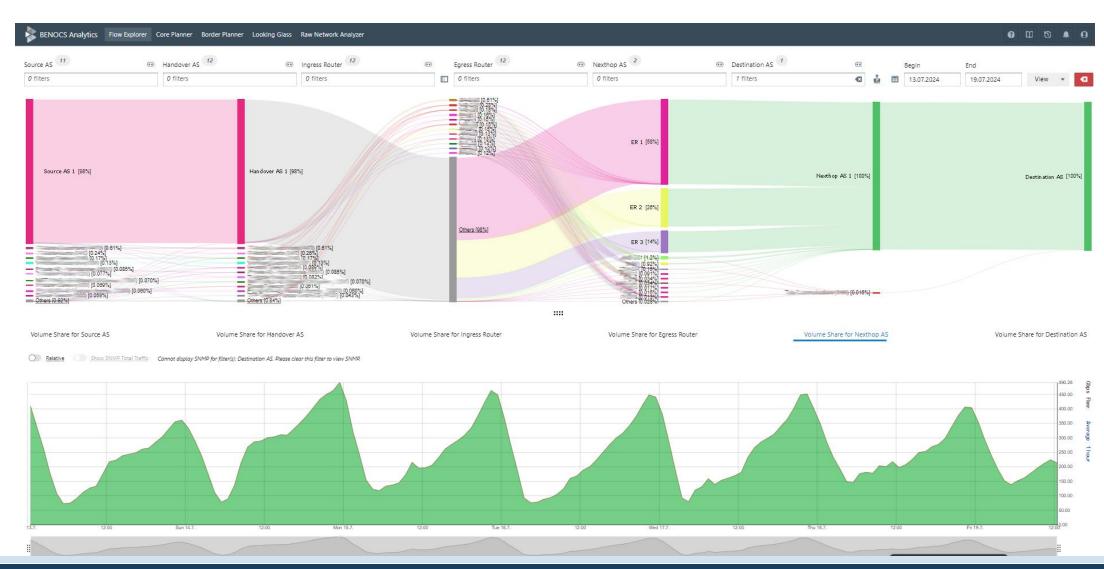
For context...

Network: European Incumbent Peer: Major Hyperscaler

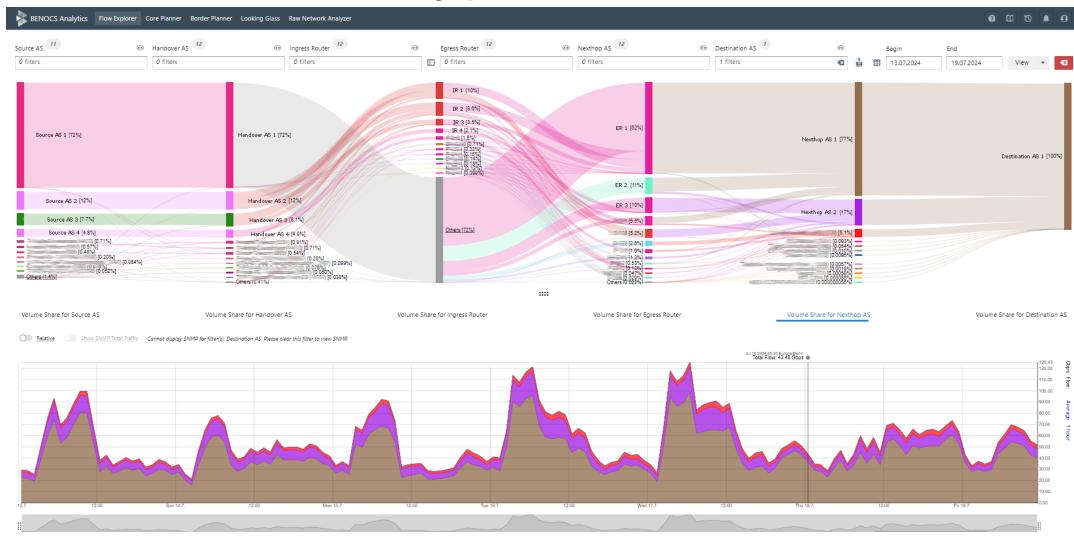
Graphs:
BENOCS
Analytics

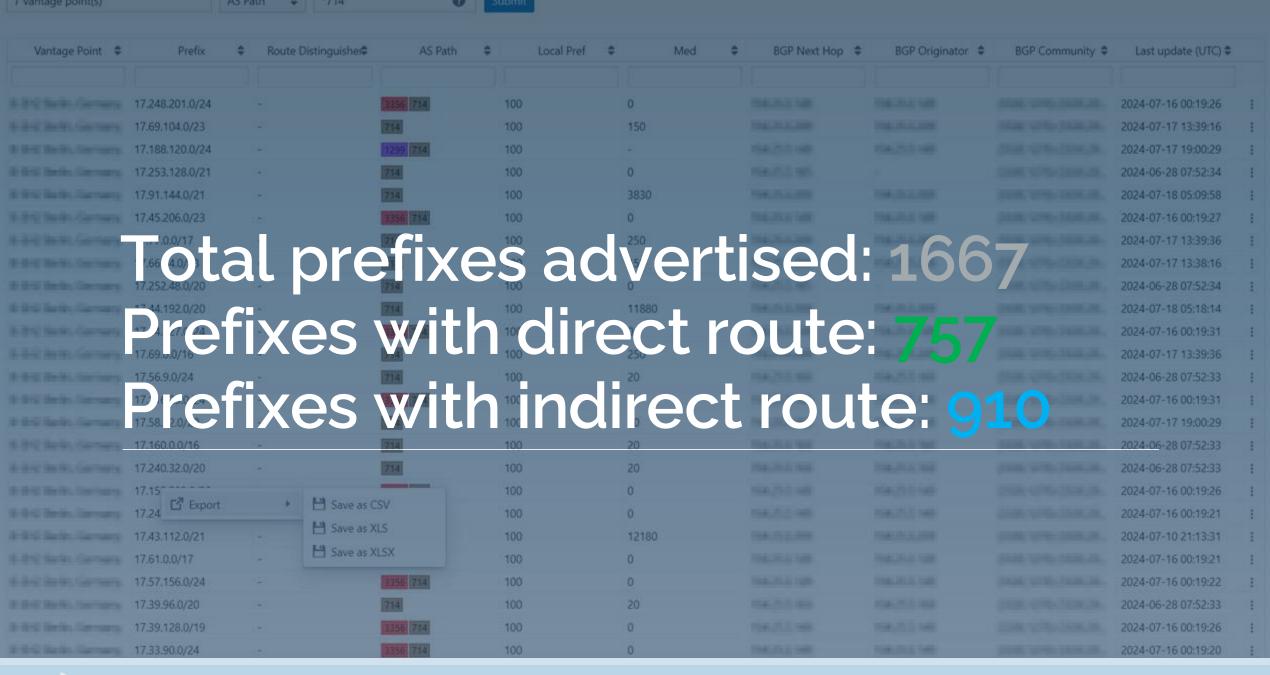


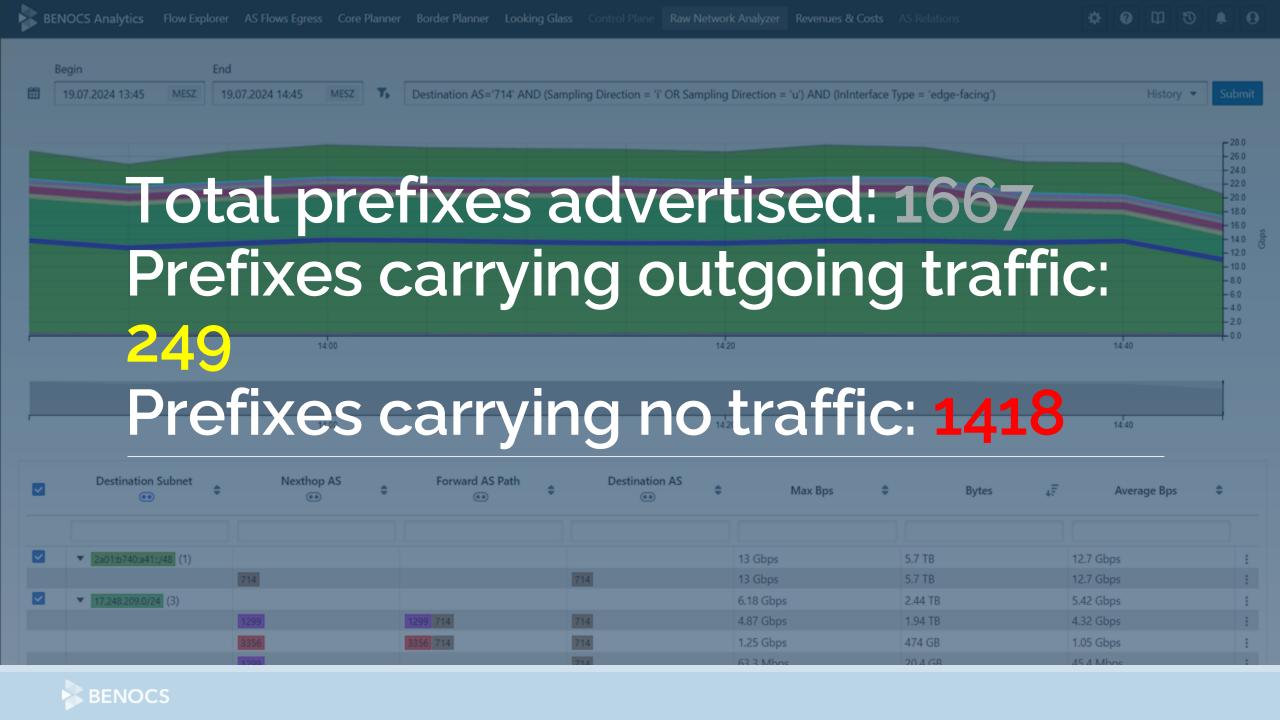
...all traffic should exit via direct route.

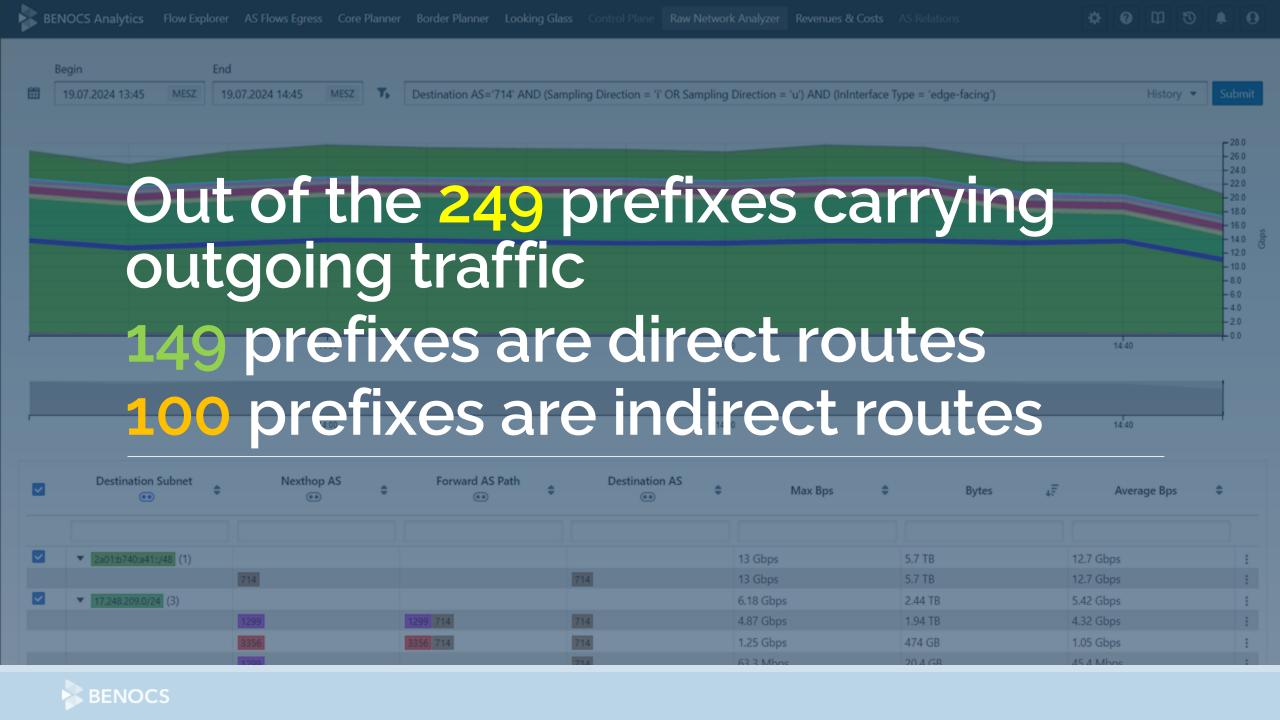


But with this hyperscaler...



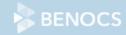








	Traffic in (Mbps)	Traffic out (Mbps)	No of Prefixes
Direct in/indirect out	26,098 (99.9%)	5,232.2 (22.3%)	36 (14.5%)
Only direct out	0.0 (0%)	13,202.5 (56.3%)	149 (59.8%)
Only indirect out	0.0 (0%)	5,012.8 (21.4%)	58 (23.3%)
Transit in/asymmetrical transit out	14.8 (0.1%)	3.9 (0%)	5 (2%)
Transit in/transit out	6.5 (0%)	4.8 (0%)	1 (0.4%)
Total	26,120 (100%)	23,456 (100%)	249 (100%)



Adding location to the context 90% of the no incoming/only outgoing traffic is terminating in a different continent (US)



Our recommendation

- For US-terminating traffic (90% of outgoing traffic), consider establishing a PNI in the US and manage BGP configuration (cold-potato routing).
- For direct-in/indirect-out traffic, ensure symmetrical routes by reaching out to the BGP engineers of the Hyperscaler for potential corrections.

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