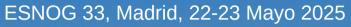
Novedades del DE-CIX





600 ciudades, 80 países, 50 IXs, 25 Tbps



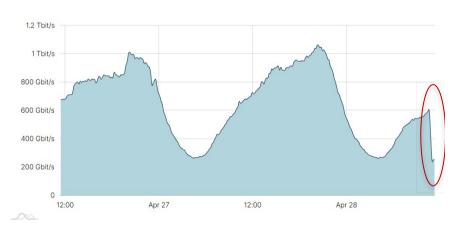
DE-CIX has set a new global peak traffic record. On the evening of 8 April, data throughput across all DE-CIX Internet Exchanges worldwide reached an impressive 25 terabits per second (Tbps). This new record reflects a 130% increase in global peak traffic since 2020.

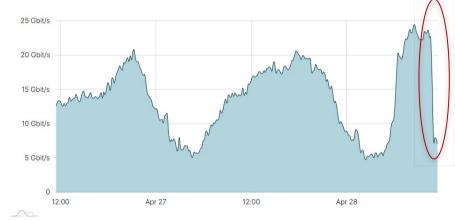
Unlike previous records, which were typically set at larger individual locations, this new peak was the result of simultaneous strong throughput across multiple metropolitan areas – including Frankfurt, Madrid, Istanbul, and Dallas.



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Pero el 28 de Abril...









Matthias Wichtlhuber 28/4 15:53







Marcos Sanz 28/4 16:03

I wonder what that residual traffic is at all...

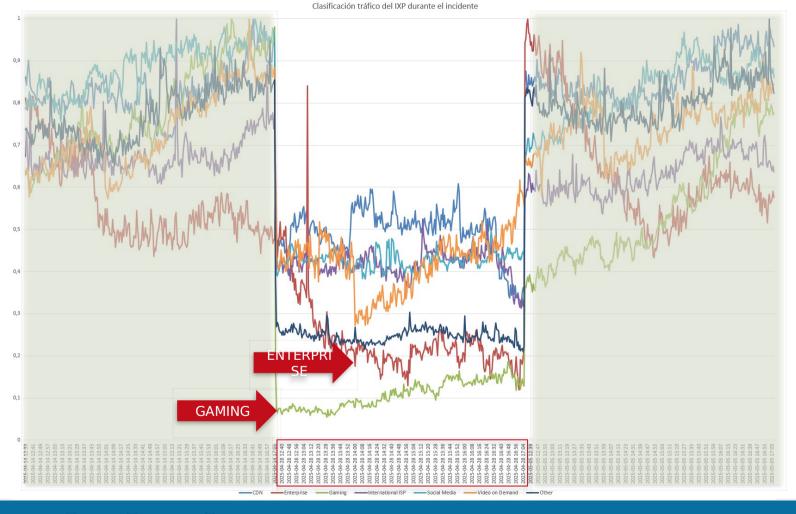


Matthias Wichtlhuber 28/4 16:04 Editado

Probably traffic passing through on hardware that runs on a Diesel generator now. But good opportunity to observe the Internet unc stress.



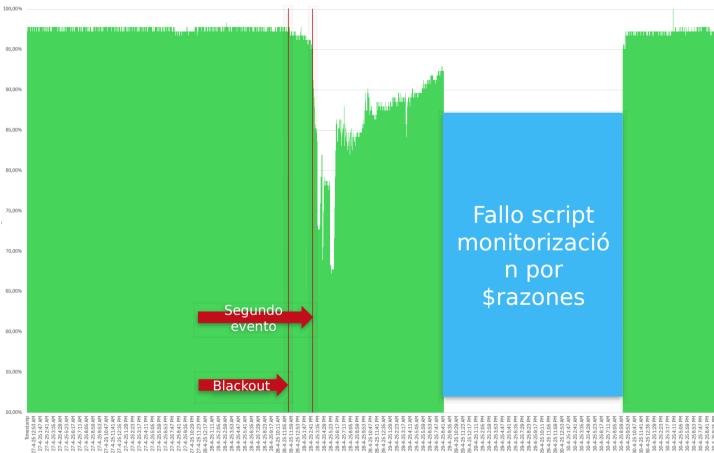
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DE CIX







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(De-)Peering con Google - recapitulando

- → Google comienza de-peerings en IXPs en Marzo/Abril 2024
- → Algunas de nuestros route servers afectados
- → Rumor: Google cambia a PNIs con peers con más de 1Gbps
- → Intentos estandarización "Peering API" (draft-ietf-grow-peering-api)
- → Programa "Google Verified Peering Provider"



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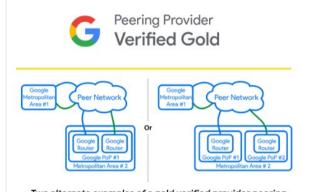
Peering con Google - recapitulando

Minimum Google PNI Peering Requirements

- Minimum of two redundant PNIs in one metro area. Specifically:
- Within one metro area, at least two PNI with both being either in the same or split between separate Google PoPs



- Minimum of two redundant PNIs in one metro area. Specifically:
- Within one metro area, at least one PNI in one Google PoP and one PNI in another Google PoP
- All PNIs IPv4+IPv6 Dual Stacked
- No BGP sessions with Google over an Internet Exchange (IX).
- · NOC contacts verified in ISP Portal



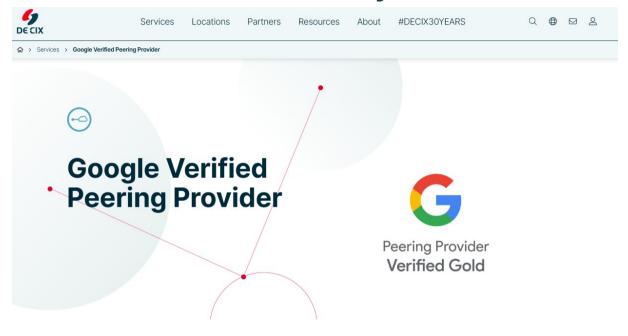
Two alternate examples of a gold verified provider peering topology.

- · All Silver criteria and:
- Minimum of four redundant PNIs between two metro areas. Specifically:
- Within one metro area, at least one PNI in one Google PoP and one PNI in another Google PoP
- In a second metro area, at least two PNI with both being either in the same or split between separate Google PoPs



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DE-CIX es GVPP Gold en AMS y FRA

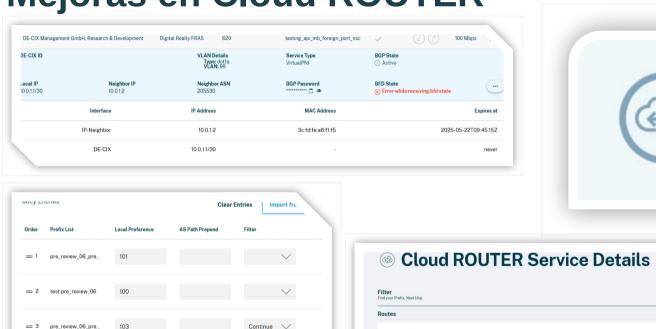




As a Google Verified Peering Provider (VPP), DE-CIX offers a robust and reliable pathway to connect directly with Google's network. Experience enhanced performance, reduced latency, and improved security for all of Google's public services.

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Mejoras en Cloud ROUTER





= 4 New prefix list

on using = to reorder prefix lists



10.01.0/30

Received Date

2024-10-07T17:10:12Z

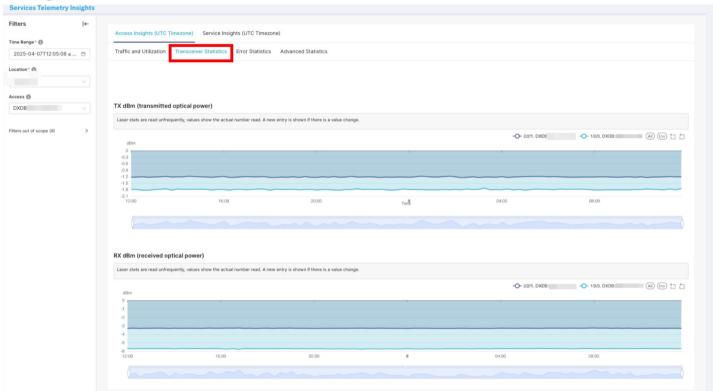
2024-11-08T01:26:54Z

Service ID

Records per page: 10 V 1-2 of 2

testing_api_mb_foreign_port_nsc

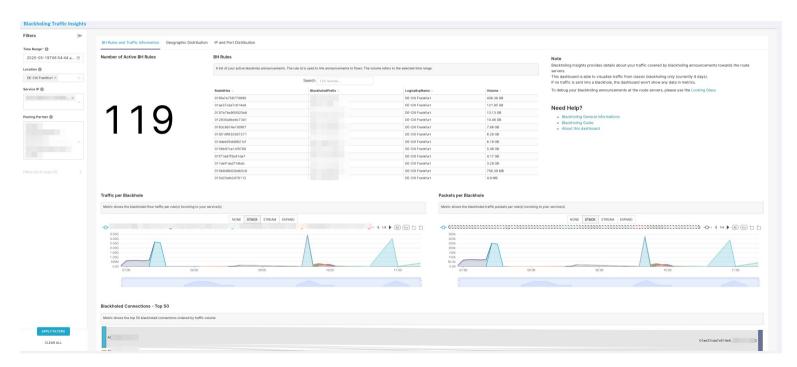
Insights – Transceiver Metrics





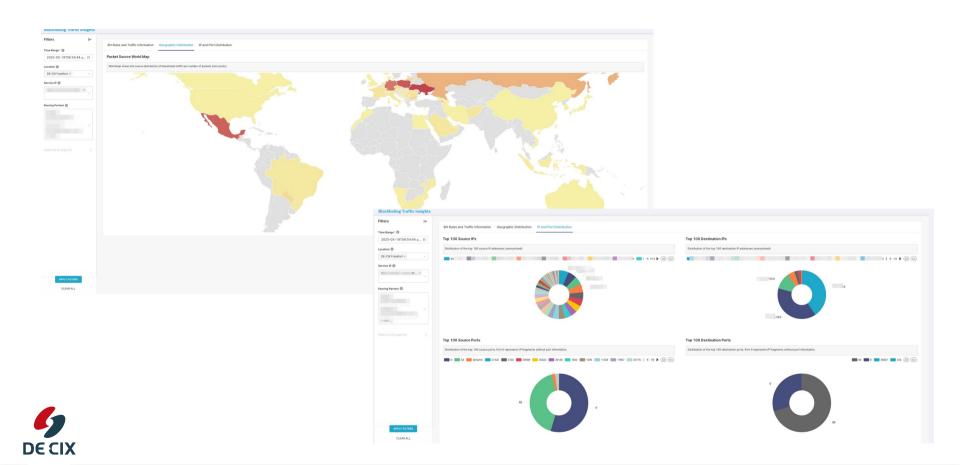
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Blackholing Insights



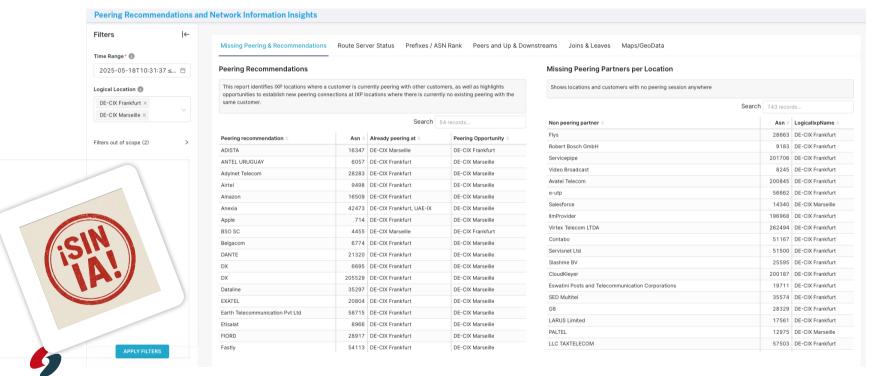


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Insights – Recomendaciones de Peering



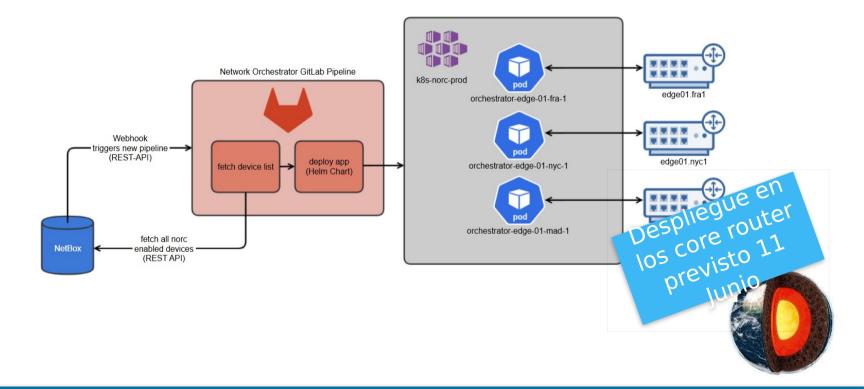
MFA en portales







Network Orchestration

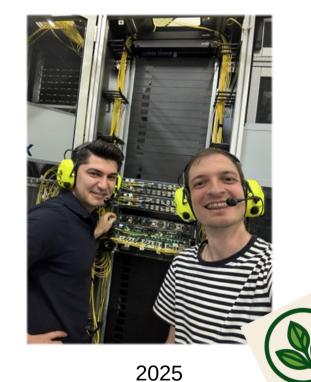




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Renovando los cores grandes



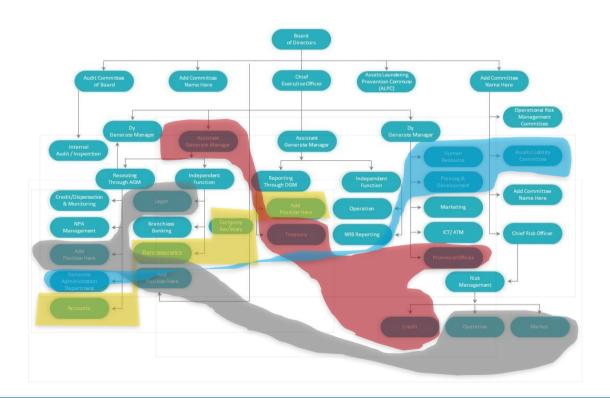




2013

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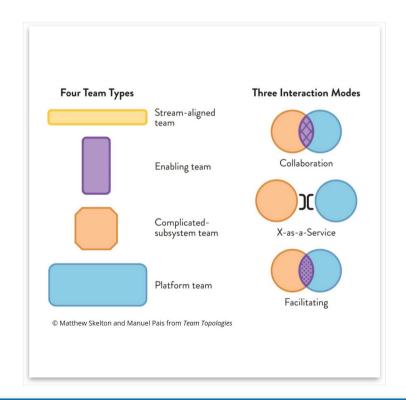
Colaboración entre 110 ingenieros





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Reorganizándose... como ingenieros



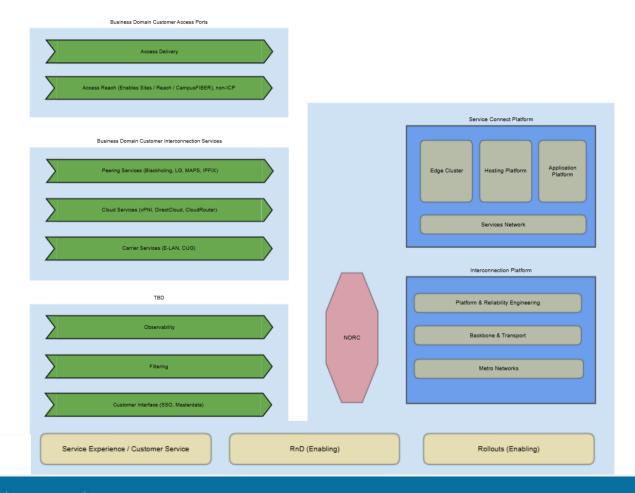




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2028







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