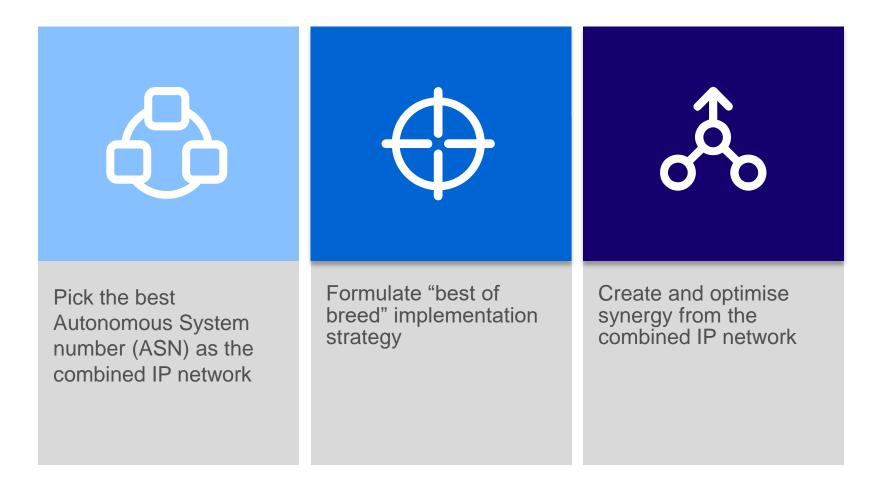
Technical challenge in merging IP networks

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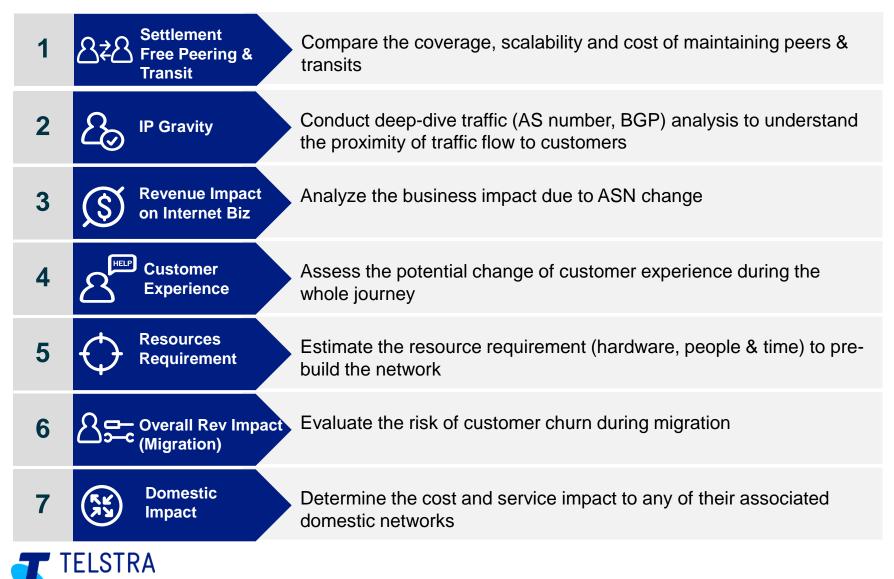


Key technical challenges





Pick the best ASN



Formulate best of breed strategy

ULTIMATE GOAL

Create a premium network by utilising the best components of each network

STRATEGIES

Interim traffic management strategy

- Optimise traffic flow between two different IP networks
- Build network-to-network (NNI) links at strategic locations to ensure in-country traffic exchange
- Maximise inter-customer traffic flow between the 2 networks
- Optimise the mutual use of peering & transit capacities on the two networks

Long-term IP network consolidation strategy

- Augment backbone infrastructure by using standardised and highly scalable hardware
- Aggregate backbone capacities into one single AS network
- Consolidate Point-of-Presence (PoP) and remove nodes with low utilisation
- Strengthen the domestic peering connectivity in strategic regions/countries by consolidating them into one IP network

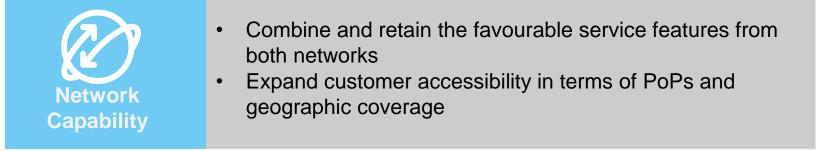
Service migration strategy

- · Conduct per-customer traffic profile analysis to work out the potential change of IP gravity
- Migrate customers in a country-by-country approach where the infrastructure is ready



The objectives

 Merge all the on-net international and domestic paths into one single IP network Design the best layer 3 routing path under different path failure analysis 	
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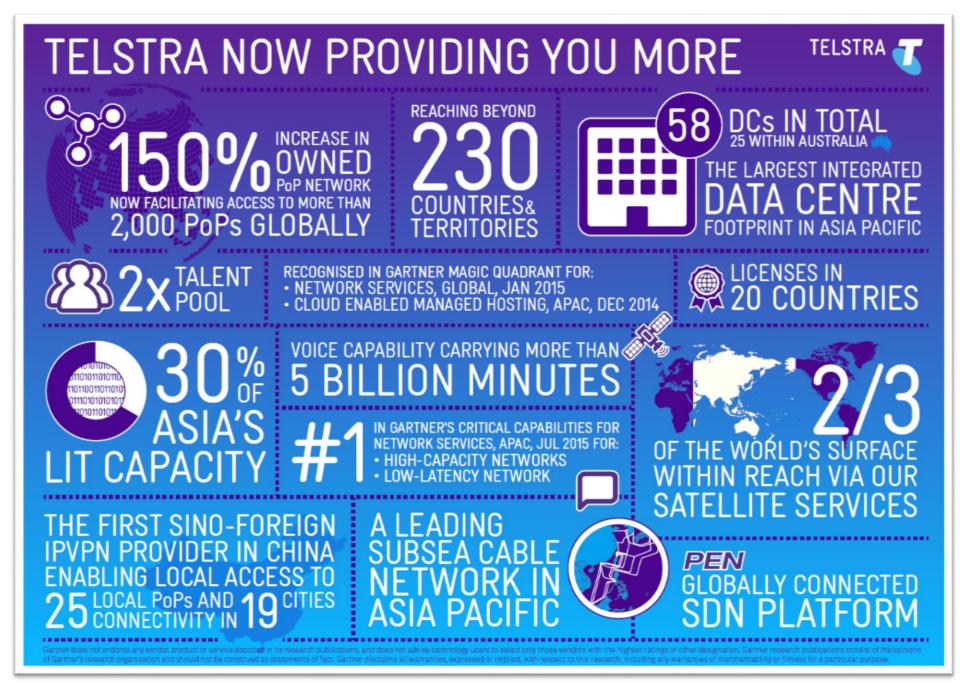




Performance Uplift



- Enhance customer-to-customer traffic exchange within one single AS network with much bigger customer base
- Improve Asia regional performance by having closer proximity to in-country peers



Thank you

