Fibre Aggregation Network (FAN) - Port Utilisation Metrics Mar 2020

Peak Utilisation	FAN (Jplink Port S	tatus	FAN Inter-nodal Status					
	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20			
# ports	1,910	1,921	1,957	1,111	1,113	1,117			
< 70%	99.90%	99.74%	99.80%	100%	100%	99.91%			
70% - 90%	0.05%	0.26%	0.20%	0%	0%	0.09%			
>90%	0.05%	0.0%	0.0%	0%	0%	0%			
# of intervals >95%	0	0	0	0	0	0			

- There were 4,236 active ports in the FAN network at end of month.
- 99.80% of the uplink and 99.91% of the inter-nodal ports in Chorus network are <70% utilised.
- There are 286 active 100G ports in the FAN.

C H O R U S

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	Frame Delay (High Priority) UFB1			Frame Delay (High Priority) UFB2 Primary		Frame Delay (High Priority) UFB2 Backup		Inter-Frame Delay Variation			High Priority Packet Loss			Low Priority Packet Loss				
	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20	Jan-20	Feb-20	Mar-20
Probes Deployed	654	663	661	654	663	661	654	663	661	654	663	661	654	663	661	654	663	661
Tests Passed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Probe SLA Failures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Defective Probes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Network Events	0	11	137	0	0	0	0	0	0	0	11	95	8	62	654	7	56	651

- There are 661 probes in the Chorus network commissioned and are reporting FD, IFDV & FL
- 1537 tests were interrupted by 58 network events. Planned events causing 1507 tests to fail. All traffic reported, excluding network events, was within SLA.
- Major POLT software lifecycle upgrade required restarts across all POLTs, resulting in the high number of events
- The UFB2 Frame Delay measurement relates to higher frame delay thresholds for UFB2 areas under normal conditions and during times of backhaul link failure.

CHORUS