

Fibre Aggregation Network (FAN) - Port Utilisation Metrics Apr 2019

Peak Utilisation	FAN Uplink Port Status			FAN Inter-nodal Status		
	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19
# ports	1,570	1,612	1,648	906	937	940
< 70%	99.94%	100%	99.52%	99.56%	99.68%	99.41%
70% - 90%	0.06%	0%	0.36%	0.44%	0.32%	0.49%
>90%	0%	0%	0.12%	0%	0%	0.1%
# of intervals >95%	0	0	0	0	0	2

- There were 3,569 active ports in the FAN network at end of month.
- 99.52% of the uplink and 99.41% of the inter-nodal ports in Chorus network are <70% utilised.
- One inter-nodal port was over the threshold of 95% utilization due to a planned event.
- There are 198 active 100G ports in the FAN.

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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		
	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19	Feb-19	Mar-19	Apr-19
Probes Deployed	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478
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	1	4	106	0	0	106	1	4	106	1	4	106	9	19	355	9	19	355

- There are 478 probes in the Chorus network commissioned and are reporting FD, IFDV & FL
- Tests were interrupted by 10 network events. 3 were planned events causing 355 SLM and 101 DMM tests to fail. The remaining 7 causing 3 SLM and 5 DMM tests to fail. All traffic reported, excluding network events, was within SLA.
- The UFB2 Frame Delay measurement relates to higher frame delay thresholds for UFB2 areas under normal conditions and during times of backhaul link failure.