

Fibre Aggregation Network (FAN) - Port Utilisation Metrics Dec 2018

Peak Utilisation	FAN Uplink Port Status			FAN Inter-nodal Status		
	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18
# ports	1,429	1,466	1,522	867	875	879
< 70%	99.86%	99.93%	99.93%	99.88%	99.77%	100%
70% - 90%	0.14%	0.07%	0.07%	0.12%	0.23%	0%
>90%	0%	0%	0%	0%	0%	0%
# of intervals >95%	0	0	0	0	0	0

- There were 4,038 active ports in the FAN network as of end December 2018
- 99.93% of the uplink and 100% of the inter-nodal ports in Chorus network are <70% utilised, with no ports over the threshold of 95% utilization.
- Highest inter-nodal link utilization was 67%.
- There are 184 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		
	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18	Oct-18	Nov-18	Dec-18
Probes Deployed	445	445	478	445	445	478	445	445	478	445	445	478	445	445	478	445	445	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	2	4	0	0	0	0	0	0	0	3	3	0	13	7	9	13	7	9

- There are 478 probes in the Chorus network commissioned and are reporting FD, IFDV & FL
- Tests were interrupted by 9 network events. 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.