

Fibre Aggregation Network (FAN) - Port Utilisation Metrics December 2017

Peak Utilisation	FAN Uplink Port Status			FAN Inter-nodal Status		
	Oct-17	Nov-17	Dec-17	Oct-17	Nov-17	Dec-17
# ports	601	1,145	1,173	739	753	772
< 70%	99.8%	99.9%	100%	99.59%	99.5%	99.47%
70% - 90%	0.2%	0.1%	0%	0.41%	0.5%	0.53%
>90%	0%	0%	0%	0%	0%	0%
# of intervals >95%	0	0	0	0	0	0

- FAN Uplink Port count now includes the stand-by port (LAG is active/standby)
- There were 3,701 active ports in the FAN network as of end December 2017
- 99.74% of the uplink and inter-nodal ports in Chorus network are <70% utilised, with no ports over the threshold of 95% utilization.
- There are 80 active 100G ports in the FAN.

	Frame Delay (High Priority)			Inter-Frame Delay Variation			High Priority Packet Loss			Low Priority Packet Loss		
	Oct-17	Nov-17	Dec-17	Oct-17	Nov-17	Dec-17	Oct-17	Nov-17	Dec-17	Oct-17	Nov-17	Dec-17
# probes	3	112	194	3	112	194	3	112	194	3	112	194
Passed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Breaches	0	0	0	0	0	0	0	0	0	0	0	0
Faults	0	0	0	0	0	0	0	0	0	0	0	0

- There are now 230 probes in the Chorus network of which 194 are commissioned and are reporting FD, IFDV & FL
- No probes failed in month, there were 6 network events and all traffic reported, excluding network events, was within SLA.