

Physical Network Topology for Commissioning and Pilot Run 2007

For 2007, two aggregation switches (HP 5412) are used: sw-agg-01 and sw-agg-02, a Force10 E1200 chassis (sw-daq-01) with two 90 port linecards, and one distribution switch (sw-d1e04-02) located in the farm in D1E04.

(picture to follow)

The current port assignment on the switches is in use:

switch	port(s)	VLAN	connects to	comment
sw-agg-01	A2-A5	10	TELL1 inputs	
	A21		sw-daq-01 Gi 0/0	uplink to E1200
	A6-A10	11	TELL1 inputs	
	A22		sw-daq-01 Gi 0/1	uplink to E1200
	A11-A15	12	TELL1 inputs	
	A23		sw-daq-01 Gi 0/2	uplink to E1200
	A16-A20	13	TELL1 inputs	
	A24		sw-daq-01 Gi 0/3	uplink to E1200
	B1-B5	14	TELL1 inputs	
	B21		sw-daq-01 Gi 0/4	uplink to E1200
	B6-B10	15	TELL1 inputs	
	B22		sw-daq-01 Gi 0/5	uplink to E1200
	B11-B15	16	TELL1 inputs	
	B23		sw-daq-01 Gi 0/6	uplink to E1200
B16-B20	17	TELL1 inputs		
B24		sw-daq-01 Gi 0/7	uplink to E1200	
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sw-daq-01	Gi 0/0-7	10	sw-agg-01	aggregated data inputs
	Gi 13/0-7		sw-agg-02	
	Gi 0/8	-	sw-d1e04-02 port 4	routing port: 192.168.37.6/26
	Gi 0/9	-	sw-d1e04-02 port 8	routing port: 192.168.38.6/26
	Gi 0/10	-	sw-d1e04-02 port 12	routing port: 192.168.39.6/26
	Gi 13/8	-	sw-d1e04-02 port 16	routing port: 192.168.40.6/26
	Gi 13/9	-	sw-d1e04-02 port 20	routing port: 192.168.41.6/26
	Gi 13/10	-	sw-d1e04-02 port 24	routing port: 192.168.42.6/26
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sw-d1e04-d1	1-3	10	node 1-3	192.168.37.1-3
	4		sw-daq-01 Gi 0/8	subnet: 192.168.37.5/26
	5-7	11	node 4-6	192.168.38.1-3
	8		sw-daq-01 Gi 0/9	subnet: 192.168.38.5/26
	9-11	12	node 7-9	192.168.39.1-3
	12		sw-daq-01 Gi 0/10	subnet: 192.168.39.5/26
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Note that port A1 on sw-agg-01 and sw-agg-02 are the controls network ports!

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