

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14	
						S	M	T	W	T	F	S	S	M	T	W
1	State U DC Detailed Design POC and Migration Project Baseline 2014	86 days	Mon 5/19/14	Mon 9/15/14	100%											100%
2	BUILD POC DC Sites- Parallel	80 days	Mon 5/19/14	Fri 9/5/14	100%											100%
3																
4	Remaining Design Items	10 days	Mon 5/19/14	Fri 5/30/14	100%											100%
5	Update diagrams and documentation to reflect changes	10 days	Mon 5/19/14	Fri 5/30/14	100%											100%
6	Detail port assignments	10 days	Mon 5/19/14	Fri 5/30/14	100%											100%
7	Resolve any remaining technical desing questions - verify	10 days	Mon 5/19/14	Fri 5/30/14	100%											100%
8	Update POC Matrix with MOPs from different team members	10 days	Mon 5/19/14	Fri 5/30/14	100%											100%
9																
10																
11	IO POC BUILD OUT Section	80 days	Mon 5/19/14	Fri 9/5/14	100%											100%
12	Configure IO Catalyst 6500 GW for VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
13	Backup configurations	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
14	Upgrade OS if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
15	Configure Prep GW1 and GW2 for VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
16	Allocate or Re-allocate ports and cables for VSL links	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
17	Allocate or Re-allocate ports and cables FW connections	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
18	Allocate or Re-allocate ports and cables for Core links	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
19	Convert IO GW1 to VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
20	Convert IO GW2 to VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
21	Create or modify HSRP groups	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
22	Connect to FW	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
23	Connect to core (SAFELY) for test if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
24	Keep same test vlans and static routes in place add any necessar	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
25																
26	IO NEXUS Section	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
27	IO DC1 and DC2 7K	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
28	Upgrade OS	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
29	Review port alllocations for interconnets, FEX, FW, NS, Servers	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
30	Apply best practice and uniformity configurtion changes	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
31	Keep same test vlans in place	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
32																
33	Checkpoint DC FW Section	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
34	Install CP in IO	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%
35	Upgrade if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%											100%

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14	
						S	M	T	W	T	F	S	S	M	T	W
36	Connect CP to Nexus as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%											
37	Connect CP to 6500 as already configured or changed	20 days	Mon 5/19/14	Fri 6/13/14	100%											
38																
39	Netscaler Section	20 days	Mon 5/19/14	Fri 6/13/14	100%											
40	Install Netscaler in IO	20 days	Mon 5/19/14	Fri 6/13/14	100%											
41	Connect Netscaler to Nexus as per blowout FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%											
42																
43	Storage Section	20 days	Mon 5/19/14	Fri 6/13/14	100%											
44	Intstall Storage appliance in IO as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%											
45	Install test storage server in IO as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%											
46																
47	Test Servers	20 days	Mon 5/19/14	Fri 6/13/14	100%											
48	Intstall Test VM Web server hosts in IO	20 days	Mon 5/19/14	Fri 6/13/14	100%											
49																
50	Configure DC in IO and test	80 days	Mon 5/19/14	Fri 9/5/14	100%											
51	If applicable configure Mock core routes and loopbacks for N/S testing on 65ks	20 days	Mon 5/19/14	Fri 6/13/14	100%											
52	65k Portchannel for DCI - not connected	20 days	Mon 5/19/14	Fri 6/13/14	100%											
53	65k static rotues, ACLs etc stay the same	20 days	Mon 5/19/14	Fri 6/13/14	100%											
54	Configure FW Open side should stay the same as previous	20 days	Mon 5/19/14	Fri 6/13/14	100%											
55	Configure FW Secure Side should stay the same as previous	20 days	Mon 5/19/14	Fri 6/13/14	100%											
56	Configure Netscaler Secure Side should stay the same as perviou	20 days	Mon 5/19/14	Fri 6/13/14	100%											
57	Configure test Server VM and Web server	20 days	Mon 5/19/14	Fri 9/5/14	100%											
58	Configure test Storage	20 days	Mon 5/19/14	Fri 6/13/14	100%											
59																
60	Provision all remaining service type ports, port channels and trunl	20 days	Mon 5/19/14	Fri 6/13/14	100%											
61	FEX	10 days	Mon 5/19/14	Fri 5/30/14	100%											
62	Servers	20 days	Mon 5/19/14	Fri 6/13/14	100%											
63	Storage	20 days	Mon 5/19/14	Fri 6/13/14	100%											
64	CheckPoint Firewall Switch Ports	20 days	Mon 5/19/14	Fri 6/13/14	100%											
65	NetScaler Switch Ports	20 days	Mon 5/19/14	Fri 6/13/14	100%											
66	One Off devices for testing	20 days	Mon 5/19/14	Fri 6/13/14	100%											
67																
68																
69																
70	ISTB1 POC Build Out	20 days	Mon 5/19/14	Fri 6/13/14	100%											

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	Gantt Chart													
						9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14				
71	Allocate single 65k	20 days	Mon 5/19/14	Fri 6/13/14	100%														
72	Allocate Nexus 5548 pair	20 days	Mon 5/19/14	Fri 6/13/14	100%														
73	Install in racks	20 days	Mon 5/19/14	Fri 6/13/14	100%														
74	Upgrade OS if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%														
75	Configure Prep GW1 for VSS still build as just one half of VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%														
76	Allocate or Re-allocate ports and cables for VSL links	20 days	Mon 5/19/14	Fri 6/13/14	100%														
77	Allocate or Re-allocate ppors and cables FW connections	20 days	Mon 5/19/14	Fri 6/13/14	100%														
78	Allocate or Re-allocate ports and cables for Core or Mock Core links	20 days	Mon 5/19/14	Fri 6/13/14	100%														
79	Convert ISTB1 GW1 to VSS	20 days	Mon 5/19/14	Fri 6/13/14	100%														
80	Create or modify HSRP groups	20 days	Mon 5/19/14	Fri 6/13/14	100%														
81	Connect to FW	20 days	Mon 5/19/14	Fri 6/13/14	100%														
82	Create test Vlans	20 days	Mon 5/19/14	Fri 6/13/14	100%														
83	Create Dynamic routing domain	20 days	Mon 5/19/14	Fri 6/13/14	100%														
84	Create test Static routes	20 days	Mon 5/19/14	Fri 6/13/14	100%														
85	Create ACLs if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%														
86	Connect to core (SAFELY) for test if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%														
87																			
88	ISTB1 Nexus Section	66 days	Mon 5/19/14	Mon 8/18/14	100%														
89	Upgrade OS	20 days	Mon 5/19/14	Fri 6/13/14	100%														
90	Review port allocations for interconnets, FEX, FW, NS, Servers	20 days	Mon 5/19/14	Fri 6/13/14	100%														
91	Apply best practice and uniformity configurtion changes	20 days	Mon 5/19/14	Fri 6/13/14	100%														
92	Create test vlans	20 days	Mon 5/19/14	Fri 6/13/14	100%														
93																			
94	Checkpoint DC FW Section	20 days	Mon 5/19/14	Fri 6/13/14	100%														
95	Recable existing CP in ISTB1 POC rack	20 days	Mon 5/19/14	Fri 6/13/14	100%														
96	Upgrade if applicable	20 days	Mon 5/19/14	Fri 6/13/14	100%														
97	Connect CP to Nexus as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%														
98	Connect CP to 6500 as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%														
99																			
100	Netscaler Section	20 days	Mon 5/19/14	Fri 6/13/14	100%														
101	Install Netscaler in ISTB1	20 days	Mon 5/19/14	Fri 6/13/14	100%														
102	Connect Netscaler to Nexus as per blowout FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%														
103																			
104	Storage Section	20 days	Mon 5/19/14	Fri 6/13/14	100%														
105	Intstall Storage appliance in ISTB1 as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%														

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14	
						S	M	T	W	T	F	S	S	M	T	W
106	Install test storage server in ISTB1 as per FSM diagram	20 days	Mon 5/19/14	Fri 6/13/14	100%											
107																
108	Test Servers	66 days	Mon 5/19/14	Mon 8/18/14	100%											
109	Intstall Test VM Web server hosts in IO as per Access FSM	20 days	Mon 5/19/14	Mon 8/18/14	100%											
110																
111	Configure DC in ISTB1 and test	64 days	Mon 5/19/14	Thu 8/14/14	100%											
112	If applicable configure Mock core routes and loopbacks for N/S testing on 65ks	20 days	Mon 5/19/14	Fri 6/13/14	100%											
113	65k Portchannel for DCI - not connected	20 days	Mon 5/19/14	Fri 6/13/14	100%											
114	65k static rotues, ACLs etc stay the same	20 days	Mon 5/19/14	Fri 6/13/14	100%											
115	Configure FW Open side should stay the same as previous	20 days	Mon 5/19/14	Fri 6/13/14	100%											
116	Configure FW Secure Side should stay the same as previous	20 days	Mon 5/19/14	Fri 6/13/14	100%											
117	Configure Netscaler Secure Side should stay the same as perviou	20 days	Mon 5/19/14	Fri 6/13/14	100%											
118	Configure test Server VM and Web server	20 days	Mon 5/19/14	Thu 8/14/14	100%											
119	Configure test Storage	20 days	Mon 5/19/14	Fri 6/13/14	100%											
120																
121	Provision all remaining service type ports, port channels and trunks	64 days	Mon 5/19/14	Thu 8/14/14	100%											
122	FEX	20 days	Mon 5/19/14	Fri 6/13/14	100%											
123	Servers	20 days	Mon 5/19/14	Fri 6/13/14	100%											
124	Storage	20 days	Mon 5/19/14	Fri 6/13/14	100%											
125	CheckPoint Firewall Switch Ports	20 days	Mon 5/19/14	Thu 8/14/14	100%											
126	NetScaler Switch Ports	20 days	Mon 5/19/14	Thu 8/14/14	100%											
127	One Offs	20 days	Mon 5/19/14	Fri 6/13/14	100%											
128																
129																
130	Test DC functionality independently	66 days	Mon 6/16/14	Mon 9/15/14	100%											
131																
132	Test IO DC in isolated use mode	66 days	Mon 6/16/14	Mon 9/15/14	100%											
133	Conduct IO DC testing with all components according to POC and MOP matrix	27 days	Mon 6/16/14	Mon 9/15/14	100%											
134	Apply any changes from testing results	20 days	Mon 6/16/14	Mon 9/15/14	100%											
135																
136	Test ISTB1 DC in isolated use mode	66 days	Mon 6/16/14	Mon 9/15/14	100%											
137	Conduct ISTB1 DC testing with all components according to POC MOP matrix	25 days	Mon 6/16/14	Mon 9/15/14	100%											

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	Timeline																		
						9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14									
						S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	
138	Apply any changes from testing results	20 days	Mon 6/16/14	Mon 9/15/14	100%																			
139																								
140																								
141	Connect DCs – test interconnectivity DCI Interconnects and initial testing	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
142	Provision and test new circuits	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
143	Connect to relevent POC end device ports	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
144	Connect Open side Circuit between 65ks	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
145	Turn up and test Port channel	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
146	Test HSRP	57 days	Mon 6/16/14	Mon 9/15/14	100%																			
147	Test Fail over	57 days	Mon 6/16/14	Mon 9/15/14	100%																			
148	Connect Secure Side Circuit between Nexus 7k and 5k	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
149	Test Fabric path between sites	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
150	Test CP session behavior between sites	20 days	Mon 6/16/14	Mon 9/15/14	100%																			
151	Conduct any remaing DCI test from POC and MPO testing matrix	66 days	Mon 6/16/14	Mon 9/15/14	100%																			
152																								
153	Update diagrams and documentation with any changes	5 days	Wed 6/18/14	Tue 6/24/14	100%																			
154																								
155																								
156																								
157	Both Sites connected - Test DC functionality dependently between DCs – DR, VM, application migration, storage, email, RTO/RPO, full MOPs on all components	59 days	Wed 6/25/14	Mon 9/15/14	100%																			
158																								
159	Conduct Best Practices and Uniformity sweep for compliance	10 days	Wed 6/25/14	Tue 7/8/14	100%																			
160																								
161	MOP Testing Workbook sections - Milestones	56 days	Mon 6/30/14	Mon 9/15/14	100%																			
162																								
163	Network-MOP	41 days	Mon 7/21/14	Mon 9/15/14	100%																			
164																								
165	Firewall-MOP	34.25 days	Mon 7/21/14	Mon 9/15/14	100%																			
166																								
167	Netscaler-MOP	28.1 days	Mon 7/21/14	Mon 9/15/14	100%																			
168																								
169	Access Layer for Server and Storage MOP	32.2 days	Mon 7/21/14	Mon 9/15/14	100%																			
170																								

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	

State univ project plan.mpp

ID	Task Name	Duration	Start	Finish	% Complete	9, '14	Mar 30, '14	Apr 20, '14	May 11, '14	Jun 1, '14	Jun 22, '14	Jul 13, '14	Aug 3, '14	Aug 24, '14	Sep 14, '14	
						S	M	T	W	T	F	S	S	M	T	W
171	Application-MOP	20 days	Wed 8/13/14	Tue 9/9/14	100%											100%
172																
173	Network Latency-MOP	41 days	Mon 7/21/14	Mon 9/15/14	100%											100%
174																
175	CL-MOP Run though in POC	20 days	Wed 8/13/14	Tue 9/9/14	100%											100%
176																
177	IO DC1/DC2 VDC creation	40 days	Mon 6/30/14	Fri 8/22/14	100%											100%
178																
179																
180	Test Migration approach or dry run time permitted	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
181	Test or Re-test any conversion items for time allocation	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
182	Run through Migration MOPs	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
183																
184																
185	Plan Migration and Schedule Execution - Time permitted	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
186	Review results from dry run	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
187	Adjust order and determine schedule	11 days	Mon 9/1/14	Mon 9/15/14	100%											100%
188																
189																
190	Update diagrams and documentation with any changes	6 days	Mon 9/8/14	Mon 9/15/14	100%											100%
191	Doucment changes resulting from testing results	6 days	Mon 9/8/14	Mon 9/15/14	100%											100%

Critical		Split		Finish-only		Baseline Milestone		Manual Summary		Inactive Task	
Critical Split		Task Progress		Duration-only		Milestone		Project Summary		Inactive Milestone	
Critical Progress		Manual Task		Baseline		Summary Progress		External Tasks		Inactive Summary	
Task		Start-only		Baseline Split		Summary		External Milestone		Deadline	