

ID	Task Mode	Task Name	Predecessor	Duration	Start	Finish	Resource Names	Actual Finish
1		Calendar Events		50 days	Sat 3/3/18	Sun 5/13/18		NA
2		Spring Break		7 days	Sat 3/3/18	Sat 3/10/18		NA
3		Robert unavailable		2 days	Sat 3/24/18	Sun 3/25/18		NA
4		Paul unavailable		2 days	Sat 4/7/18	Sun 4/8/18		NA
5		Paul unavailable		3 days	Thu 5/3/18	Sun 5/6/18		NA
6		Admissions: no outage		2 days	Fri 3/23/18	Sun 3/25/18		NA
7		Admissions: no outage		2 days	Fri 4/6/18	Sat 4/7/18		NA
8		Admissions: no outage		1 day	Sun 4/15/18	Sun 4/15/18		NA
9		Admissions: no outage		1 day	Sun 5/6/18	Sun 5/6/18		NA
10		Admissions: no outage		3 days	Fri 4/27/18	Tue 5/1/18		NA
11		Registrar: no outage		9 days	Fri 4/6/18	Wed 4/18/18		NA
12		Registrar: no outage		2 days	Fri 5/11/18	Sun 5/13/18		NA
13		Banner 9 Infrastructure Requirements		30 days	Tue 2/6/18	Mon 3/19/18		Mon 3/19/18
14		Develop High Level Architecture Design		25 days	Tue 2/6/18	Mon 3/12/18	Paul Coen,Pradeep Bokka,Robert Henderson	Mon 3/12/18
15		Determine Instances Needed		27 days	Tue 2/6/18	Wed 3/14/18	Paul Coen,Pradeep Bokka,Robert Henderson	Wed 3/14/18
16		Determine Additional Related Requirements		4 days	Mon 3/12/18	Thu 3/15/18	Paul Coen,Pradeep Bokka,Robert Henderson	Thu 3/15/18
17		Determine Resources Needed - Verify Original Estimates	15	3 days	Thu 3/15/18	Mon 3/19/18	Paul Coen,Robert Henderson	Mon 3/19/18
18		Additional Infrastructure		62 days	Wed 2/7/18	Thu 5/3/18		NA
19		Identify VMs to reside on new hosts permanently		3 days	Wed 2/7/18	Fri 2/9/18	Paul Coen	Fri 2/9/18
20		Identify/Confirm VMs to reside on new hosts to reclaim resources for Banner 9	17	1 day	Tue 3/20/18	Tue 3/20/18	Paul Coen	Tue 3/20/18
21		Size/Confirm Additional VM Hosts and Storage	19,20	1 day	Wed 3/21/18	Wed 3/21/18	Paul Coen,Robert Henderson	Wed 3/21/18
22		Obtain Pricing	21	2 days	Thu 3/22/18	Fri 3/23/18	Paul Coen	Fri 3/23/18
23		Obtain leasing proposals	22	4 days	Mon 3/26/18	Thu 3/29/18	Chris Darrell	Thu 3/29/18
24		Obtain Purchase Approval	23	3 days	Fri 3/30/18	Tue 4/3/18	Chris Darrell	NA
25		Place Order	24	1 day	Wed 4/4/18	Wed 4/4/18	Paul Coen	NA
26		Receive	25	10 days	Thu 4/5/18	Wed 4/18/18	Paul Coen	NA
27		Install	26	3 days	Thu 4/19/18	Mon 4/23/18	Paul Coen	NA
28		Configure	27	2 days	Tue 4/24/18	Wed 4/25/18	Paul Coen	NA
29		Migrate Applications	28	6 days	Thu 4/26/18	Thu 5/3/18	Paul Coen	NA
30		Reclaim Infrastructure		21 days	Wed 3/21/18	Wed 4/18/18		NA
31		Plan repurposing of reclaimed infrastructure	20	9 days	Wed 3/21/18	Mon 4/2/18	Paul Coen,Pradeep Bokka,Robert Henderson	NA
32		Reclaim and repurpose	31	12 days	Tue 4/3/18	Wed 4/18/18	Paul Coen,Robert Henderson	NA
33		Vmware Upgrade		28 days	Fri 3/23/18	Tue 5/1/18		NA
34		Finalize Plan		10 days	Fri 3/23/18	Thu 4/5/18	Paul Coen,AU - Vmware Engineer	NA
35		Perform Upgrade / Segregation	34	18 days	Fri 4/6/18	Tue 5/1/18	Paul Coen,AU - Vmware Engineer	NA
36		UNIX upgrades		32 days	Thu 4/5/18	Sun 5/20/18		NA
37		Banner 8 and ODS DB non-prod		12 days	Thu 4/5/18	Sun 4/22/18		NA
38		Stand up 2 VMs ready for Oracle installation	13	5 days	Wed 4/11/18	Tue 4/17/18	Paul Coen	NA
39		Verify appropriate Oracle 12 version - 12.0, 12.1, or 12.2		9 days	Thu 4/5/18	Tue 4/17/18	Robert Henderson	NA
40		Install Oracle 11g	38	4 hrs	Wed 4/18/18	Wed 4/18/18	Robert Henderson	NA
41		Install Oracle 12c	38,39	4 hrs	Wed 4/18/18	Wed 4/18/18	Robert Henderson	NA
42		Shut down Banner and ODS non-prod environments - all DB and application servers - at COB, includes Argos DEVL	41	1 hr	Fri 4/20/18	Fri 4/20/18	Robert Henderson	NA
43		Backup 11g B-8 and ODS non-prod DBs	42	7 hrs	Fri 4/20/18	Fri 4/20/18	Robert Henderson,Paul Coen	NA
44		Attach new DB mount points to new non-prod DB server 11g and non-prod ODS DB server 11g, restore DBs from last night's RMAN backup, and verify DB integrity	43	4 hrs	Sat 4/21/18	Sat 4/21/18	Robert Henderson,Paul Coen	NA

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45		Re-identify new servers using old server identities, alter IPs to mimick old server	44	1 hr	Sat 4/21/18	Sat 4/21/18	Paul Coen	NA
46		Verify connectivity between B-8 non-prod DB and ODS non-prod DB	45	1 hr	Sat 4/21/18	Sat 4/21/18	Robert Henderson	NA
47		Bring up B-8 non-prod applications servers and verify proper connectivity to new non-prod DB server.	46	2 hrs	Sat 4/21/18	Sat 4/21/18	Robert Henderson,Pradeep Bokka	NA
48		Bring up Argos devl and verify proper connectivity to both new ODS non prod DB and ODS prod DB.	47	1 hr	Sun 4/22/18	Sun 4/22/18	Robert Henderson,Pradeep Bokka	NA
49		Perform RMAN backup manually to ensure mount points and operation	48	2 hrs	Sun 4/22/18	Sun 4/22/18	Robert Henderson	NA
50		Initiate Automic job that invokes backup to ensure automated process works as expected	49	2 hrs	Sun 4/22/18	Sun 4/22/18	Robert Henderson	NA
51		Provide notice to users that Banner 8 non-prod is back online	50	1 hr	Sun 4/22/18	Sun 4/22/18	Pradeep Bokka	NA
52		Banner 8 and ODS DB prod		26 days	Fri 4/13/18	Sun 5/20/18		NA
53		Stand up 2 VMs ready for Oracle installation	37	4 days	Fri 4/13/18	Wed 4/18/18	Paul Coen	NA
54		Install Oracle 11g	53	4 hrs	Thu 4/19/18	Thu 4/19/18	Robert Henderson	NA
55		Install Oracle 12c	53	4 hrs	Thu 4/19/18	Thu 4/19/18	Robert Henderson	NA
56		Shut down Banner and ODS prod environments - all DB and application servers - at COB, includes Argos DEVL and PROD	55	1 hr	Fri 5/18/18	Fri 5/18/18	Robert Henderson	NA
57		Backup 11g B-8 and ODS prod DBs	56	7 hrs	Fri 5/18/18	Fri 5/18/18		NA
58		Attach new DB mount points to new prod DB server 11g and prod ODS DB server 11g, restore DBs from last night's RMAN backup, and verify DB integrity	56	4 hrs	Sat 5/19/18	Sat 5/19/18	Robert Henderson,Paul Coen	NA
59		Re-identify new servers using old server identities, alter IPs to mimick old server	58	1 hr	Sat 5/19/18	Sat 5/19/18	Paul Coen	NA
60		Verify connectivity between B-8 prod DB and ODS prod DB	59	1 hr	Sat 5/19/18	Sat 5/19/18	Robert Henderson	NA
61		Bring up B-8 prod applications servers and verify proper connectivity to new prod DB server.	60	2 hrs	Sat 5/19/18	Sat 5/19/18	Paul Coen	NA
62		Bring up Argos devl and verify proper connectivity to both new ODS non prod DB and ODS prod DB.	61	1 hr	Sun 5/20/18	Sun 5/20/18	Robert Henderson,Pradeep Bokka	NA
63		Bring up Argos prod and verify proper connectivity to new ODS prod DB.	62	1 hr	Sun 5/20/18	Sun 5/20/18	Robert Henderson,Pradeep Bokka	NA
64		Perform RMAN backup manually to ensure mount points and operation	62	2 hrs	Sun 5/20/18	Sun 5/20/18	Paul Coen	NA
65		Initiate Automic job that invokes backup to ensure automated process works as expected	64	2 hrs	Sun 5/20/18	Sun 5/20/18	Robert Henderson	NA
66		Provide notice to users that Banner 8 prod is back online	65	1 hr	Sun 5/20/18	Sun 5/20/18	Robert Henderson	NA
67		Integrations		58 days	Wed 2/7/18	Fri 4/27/18		NA
68		Update Inventory of Banner Integrations		43 days	Wed 2/7/18	Fri 4/6/18	Pradeep Bokka,Scott Wood	NA
69		Categorize Integrations by Technique	68	5 days	Fri 4/6/18	Fri 4/13/18	Pradeep Bokka,Scott Wood	NA
70		Detail Integration Testing Tasks	69	10 days	Mon 4/16/18	Fri 4/27/18	Pradeep Bokka,Scott Wood	NA
71		Argos Reports		55 days	Mon 3/19/18	Thu 5/31/18		NA
72		Reports Review		30 days	Mon 3/19/18	Fri 4/27/18		NA
73		Review with users to determine which, if any, may be eliminated		30 days	Mon 3/19/18	Fri 4/27/18	Pradeep Bokka,Team Leads	NA
74		Identify reports that are considered dependant on near real-time data		30 days	Mon 3/19/18	Fri 4/27/18	Pradeep Bokka,Team Leads	NA
75		Reports Dependant on ODS Stream Staging Tables		25 days	Mon 4/30/18	Thu 5/31/18		NA
76		Review targeted reports to identify any which are not actually using near real-time data. Place on list for follow-up	74	1 wk	Mon 4/30/18	Fri 5/4/18	Pradeep Bokka	NA
77		Determine how to address reports requiring near real-time data when ODS is upgraded to 12c and streams are no longer available	74	1 wk	Mon 4/30/18	Fri 5/4/18	Pradeep Bokka	NA
78		Re-engineer reports, as needed	77	1 mon	Mon 5/7/18	Thu 5/31/18	Pradeep Bokka	NA
79		Preparatory Tasks		10 days	Mon 2/26/18	Fri 3/9/18		NA
80		Verify DBEU installation		5 days	Mon 2/26/18	Fri 3/2/18	Robert Henderson	Fri 3/2/18
81		Verify ESM proper operation		10 days	Mon 2/26/18	Fri 3/9/18	Robert Henderson	NA
82		Oracle DB Upgrades 11g to 12c		41 days	Mon 4/23/18	Sun 6/17/18		NA
83		CONV		1.63 days	Mon 4/23/18	Tue 4/24/18		NA
84		Shutdown B-8 CONV instance	37	1 hr	Mon 4/23/18	Mon 4/23/18	Robert Henderson	NA

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85		Clone B-8 PROD database to B-8 CONV	37	4 hrs	Mon 4/23/18	Mon 4/23/18	Robert Henderson	NA
86		Upgrade CONV DB to 12c - record timing to be used for estimating timing for 11g > 12c upgrades later	85	8 hrs	Mon 4/23/18	Tue 4/24/18	Robert Henderson	NA
87		Bring CONV environment back up and verify B-8 operation	86	1 hr	Tue 4/24/18	Tue 4/24/18	Robert Henderson,Pradeep Bokka	NA
88		NON-PROD		5 days	Mon 5/28/18	Sun 6/3/18		NA
89		Reverify Oracle 12 version, update Oracle 12c installation on non-prod and prod DB servers, if necessary		4 days	Mon 5/28/18	Thu 5/31/18	Robert Henderson	NA
90		ODS DB	75,83,89	1 day	Fri 6/1/18	Sun 6/3/18	Robert Henderson	NA
91		B-8 Train DB	75,83,89	1 day	Fri 6/1/18	Sun 6/3/18	Robert Henderson	NA
92		B-8 Test DB	75,83,89	1 day	Fri 6/1/18	Sun 6/3/18	Robert Henderson	NA
93		User experience and feedback		5 days	Mon 6/4/18	Fri 6/8/18		NA
94		Users are to dual entry transactions for 10 minutes each day and report observations regarding performance and functionality	92	4 days	Mon 6/4/18	Thu 6/7/18	Team Leads	NA
95		User experience satisfactory, ready to proceed to PROD	94	1 day	Fri 6/8/18	Fri 6/8/18	Team Leads	NA
96		PROD		1 day	Fri 6/15/18	Sun 6/17/18		NA
97		ODS prod	93	1 day	Fri 6/15/18	Sun 6/17/18	Robert Henderson	NA
98		B-8 Prod Instance	93	1 day	Fri 6/15/18	Sun 6/17/18	Robert Henderson	NA
99		B-8 Pre-Prod Instance	93	1 day	Fri 6/15/18	Sun 6/17/18	Robert Henderson	NA
100		Banner Component Upgrades		52 days	Mon 5/21/18	Mon 7/30/18		NA
101		BEIS, BEP and SSO in B-8 non-prod	36,88	1 wk	Mon 6/4/18	Fri 6/8/18	Robert Henderson,Paul Coen,Concensus,BEI	NA
102		BEIS, BEP and SSO in B-8 prod	96	1 wk	Mon 6/18/18	Fri 6/22/18	Robert Henderson,Paul Coen,Concensus,BEI	NA
103		Application Navigator in B-8 non-prod	102	1 wk	Mon 6/25/18	Fri 6/29/18	Robert Henderson,Pradeep Bokka,Paul Coen	NA
104		Application Navigator in B-8 prod	103	1 wk	Mon 7/2/18	Fri 7/6/18	Robert Henderson,Pradeep Bokka,Paul Coen	NA
105		BDM in B-8 non-prod	36	3 wks	Mon 5/21/18	Thu 6/7/18	Unknown,BDM SME	NA
106		BDM in B-8 prod	105	1 wk	Fri 6/8/18	Thu 6/14/18	Unknown,BDM SME	NA
107		Clean Address 4.23.2 (new version compatible with B-8 and B-9) in Banner CONV	111	1 day	Tue 7/10/18	Tue 7/10/18	Robert Henderson,Pradeep Bokka	NA
108		Clean Address 4.23.2 (new version compatible with B-8 and B-9) in Banner non-prod	115	1 day	Thu 7/19/18	Thu 7/19/18	Robert Henderson,Pradeep Bokka	NA
109		Clean Address 4.23.2 (new version compatible with B-8 and B-9) in Banner prod	119	1 day	Mon 7/30/18	Mon 7/30/18	Robert Henderson,Pradeep Bokka	NA
110		Banner 9 Installations		69.38 days	Tue 4/24/18	Fri 7/27/18		NA
111		Banner 9 Demo/Training Instance (existing CONV instance upgraded and B-9 added)		55.38 days	Tue 4/24/18	Mon 7/9/18		NA
112		Stand up VM(s) for B-9 applications to run against CONV	83	1 day	Tue 4/24/18	Wed 4/25/18	Paul Coen	NA
113		Install B-9 applications on B-9 CONV. Configure B-9 CONV and AppNav to connect to CONV	103,112	1 day	Mon 7/2/18	Mon 7/2/18	Robert Henderson	NA
114		Verify B-9 functionality against CONV environment	113	5 days	Tue 7/3/18	Mon 7/9/18	Pradeep Bokka	NA
115		Banner 9 non-prod		7 days	Tue 7/10/18	Wed 7/18/18		NA
116		Stand up VM(s) for B-9 applications to run against non-prod	88,111	1 day	Tue 7/10/18	Tue 7/10/18	Paul Coen	NA
117		Install B-9 applications on B-9 non-prod. Configure B-9 non-prod and AppNav to connect to Test and Train	116	1 day	Wed 7/11/18	Wed 7/11/18	Robert Henderson	NA
118		Verify B-9 functionality against Test and Train	117	5 days	Thu 7/12/18	Wed 7/18/18	Pradeep Bokka	NA
119		Banner 9 PROD		7 days	Thu 7/19/18	Fri 7/27/18		NA
120		Stand up VM(s) for B-9 applications to run against prod	96,115	1 day	Thu 7/19/18	Thu 7/19/18	Paul Coen	NA
121		Install B-9 applications on B-9 prod. Configure B-9 prod and AppNav to connect to Prod and Pre-Prod	120	1 day	Fri 7/20/18	Fri 7/20/18	Robert Henderson	NA
122		Verify B-9 functionality against Prod and Pre-Prod	121	5 days	Mon 7/23/18	Fri 7/27/18	Pradeep Bokka	NA
123		User Community Participation		235 days	Mon 3/12/18	Thu 1/31/19		NA
124		Oversight		227 days	Mon 3/12/18	Mon 1/21/19		NA
125		Form Oversight Committee		1 day	Mon 3/12/18	Mon 3/12/18	John Viteli	Mon 3/12/18
126		Design and create Project Portal in Confluence		11 days	Fri 4/6/18	Fri 4/20/18	Jan Levsen	NA

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127		Oversight Kick-Off meeting		1 day	Thu 4/26/18	Thu 4/26/18	Chris Darrell	NA
128		Monthly Oversight Updates		177 days	Mon 5/21/18	Mon 1/21/19		NA
129		Monthly Oversight Updates 2		1 day	Mon 5/21/18	Mon 5/21/18	Chris Darrell,Jan Levsen	NA
130		Monthly Oversight Updates 3		1 day	Mon 6/18/18	Mon 6/18/18	Chris Darrell,Jan Levsen	NA
131		Monthly Oversight Updates 4		1 day	Mon 7/16/18	Mon 7/16/18	Chris Darrell,Jan Levsen	NA
132		Monthly Oversight Updates 5		1 day	Mon 8/20/18	Mon 8/20/18	Chris Darrell,Jan Levsen	NA
133		Monthly Oversight Updates 6		1 day	Mon 9/17/18	Mon 9/17/18	Chris Darrell,Jan Levsen	NA
134		Monthly Oversight Updates 7		1 day	Mon 10/15/18	Mon 10/15/18	Chris Darrell,Jan Levsen	NA
135		Monthly Oversight Updates 8		1 day	Mon 11/19/18	Mon 11/19/18	Chris Darrell,Jan Levsen	NA
136		Monthly Oversight Updates 9		1 day	Mon 12/17/18	Mon 12/17/18	Chris Darrell,Jan Levsen	NA
137		Monthly Oversight Updates 10		1 day	Mon 1/21/19	Mon 1/21/19	Chris Darrell,Jan Levsen	NA
138		Team Leads		234 days	Tue 3/13/18	Thu 1/31/19		NA
139		Form Team Leads Group		35 days	Tue 3/13/18	Mon 4/30/18	Chris Darrell,Jan Levsen	NA
140		Team Leads Kick-Off Meeting		1 day	Thu 5/3/18	Thu 5/3/18	Chris Darrell,Jan Levsen	NA
141		Weekly Leads Check-In		192 days	Thu 5/10/18	Thu 1/31/19		NA
181		User Training and Testing		147 days	Mon 3/12/18	Mon 10/1/18		NA
182		Obtain/Develop Documentation		30 days	Mon 3/12/18	Fri 4/20/18		NA
183		What has changed from Banner 8 to 9?		27 days	Thu 3/15/18	Fri 4/20/18		NA
184		Hints and Tips		30 days	Mon 3/12/18	Fri 4/20/18		NA
185		Orientation Sessions	184,111	1 mon	Tue 7/10/18	Mon 8/6/18	Pradeep Bokka,Jan Levsen,Scott Wood,Team	NA
186		Testing		128 days	Fri 4/6/18	Mon 10/1/18		NA
187		Prepare samples and templates of business process documentation		16 days	Fri 4/6/18	Fri 4/27/18	Jan Levsen,Scott Wood	NA
188		Establish Process Library and Testing Tracking Pages on U-Know		10 days	Mon 4/16/18	Fri 4/27/18	Jan Levsen,Scott Wood	NA
189		Notify offices of need for Process Inventory. Provide samples and templates.	140,187	1 day	Thu 5/3/18	Thu 5/3/18	Jan Levsen,Scott Wood	NA
190		Obtain Process Inventory from each office	189	2 wks	Fri 5/4/18	Thu 5/17/18	Jan Levsen,Scott Wood	NA
191		Work with offices having challenges with Process Inventory	189	1 mon	Fri 5/4/18	Wed 5/30/18	Jan Levsen,Scott Wood	NA
192		Testing Performed	188,111	3 mons	Tue 7/10/18	Mon 10/1/18	Jan Levsen,Scott Wood,Team Leads	NA
193		Banner 9 Go-Live		50 days	Mon 9/3/18	Fri 11/9/18		NA
194		Department group 1	119	1 mon	Mon 9/3/18	Fri 9/28/18		NA
195		Department group 2	194	3 wks	Mon 10/1/18	Fri 10/19/18		NA
196		Department group 3	195	3 wks	Mon 10/22/18	Fri 11/9/18		NA