

Project stamp	
Project name	Node Registration 2_0
Planned start-end	01/03/2013 - 04/21/2014
Expected start-end	01/03/2013 - 02/24/2014
Objective	Provide a better user interface for registering system and network information in CMDB. Establish outbound synchronization with Infoblox and EquipDB. Make ServiceNow the authoritative source for CMDB-related data.



09/18/2013

Summary / Highlights

	<i>Infoblox API basic coding is done. Testing has been delayed due to other project priorities</i>
	<i>Unless Mike Baker can spend 70% of his time on this project for the remainder of Phase 1, the expected dates will slip further.</i>

Activities completed within the last 14 days

#	Title	Group	Status	MS	Start	<u>End</u>	Resources
---	-------	-------	--------	----	-------	------------	-----------

All activities within the next 14 days

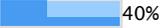
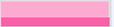
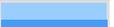
#	Title	Group	Status	MS	Start	Deadline	Resources
65	Switch Fermitrn to fully synchronize with EquipDB and Infoblox Integration	Integration Testing			09/18/2013	09/19/2013	Kryisia Jacobs Mike Baker
68	Full test of EquipDB sync in integration/Fermitrn	Integration Testing			09/19/2013	10/03/2013	Kryisia Jacobs Shirley Jones Norman Ho Mike Baker
73	Full test of Infoblox synchron in integration/fermitrn	Integration Testing	20%		07/25/2013	10/31/2013	Kryisia Jacobs Michael Zalokar Mike Baker
86	Other potential work (placeholder)	CMDB Enhancements			09/18/2013	10/08/2013	
92	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync - Infoblox	20%		07/01/2013	07/08/2013	Kryisia Jacobs Michael Zalokar Mike Baker
	<i>We have validated that it will be possible to send a RESTful message to the Python API and get a response. Now waiting for MikeZ to have some method working so we can start implementing actual synchronization.</i>						
100	Final development and testing of the sync methods	Develop Infoblox API app	70%		06/25/2013	09/23/2013	Kryisia Jacobs Michael Zalokar Mike Baker
109	Registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows	40%		07/09/2013	09/23/2013	Kryisia Jacobs Mike Baker
112	Registration of a Fermi owned device UAT	Develop Basic SNOW catalog items and workflows			10/01/2013	10/14/2013	
113	DNS / Static IP request	Develop Basic SNOW catalog items and workflows			09/24/2013	10/17/2013	Kryisia Jacobs Mike Baker

Resource assignments within the next 14 days

#	Title	Group	Status	MS	Start	Deadline
<i>Krysia Jacobs</i>						
66	Switch Fermitrn to fully synchronize with EquipDB and Infoblox Integration	Integration Testing			09/18/2013	09/19/2013
69	Full test of EquipDB sync in integration/Fermitrn	Integration Testing			09/19/2013	10/03/2013
74	Full test of Infoblox synch in integration/fermitrn	Integration Testing	20%		07/25/2013	10/31/2013
93	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox	20%		07/01/2013	07/08/2013
101	Final development and testing of the sync methods	Develop Infoblox API app	70%		06/25/2013	09/23/2013
110	Registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows	40%		07/09/2013	09/23/2013
114	DNS / Static IP request	Develop Basic SNOW catalog items and workflows			09/24/2013	10/17/2013
<i>Michael Zalokar</i>						
75	Full test of Infoblox synch in integration/fermitrn	Integration Testing	20%		07/25/2013	10/31/2013
94	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox	20%		07/01/2013	07/08/2013
102	Final development and testing of the sync methods	Develop Infoblox API app	70%		06/25/2013	09/23/2013
<i>Mike Baker</i>						
67	Switch Fermitrn to fully synchronize with EquipDB and Infoblox Integration	Integration Testing			09/18/2013	09/19/2013
72	Full test of EquipDB sync in integration/Fermitrn	Integration Testing			09/19/2013	10/03/2013
76	Full test of Infoblox synch in integration/fermitrn	Integration Testing	20%		07/25/2013	10/31/2013
95	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox	20%		07/01/2013	07/08/2013
103	Final development and testing of the sync methods	Develop Infoblox API app	70%		06/25/2013	09/23/2013
111	Registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows	40%		07/09/2013	09/23/2013
115	DNS / Static IP request	Develop Basic SNOW catalog items and workflows			09/24/2013	10/17/2013
<i>Norman Ho</i>						
71	Full test of EquipDB sync in integration/Fermitrn	Integration Testing			09/19/2013	10/03/2013
<i>Shirley Jones</i>						
70	Full test of EquipDB sync in integration/Fermitrn	Integration Testing			09/19/2013	10/03/2013

Timeline

Title	Start	End	01/03/2013	02/24/2014
Initial Planning	01/03/2013	02/27/2013		✓
Outbound Synchronization – EquipDB – Development	03/04/2013	05/03/2013		✓
Sync table layout	03/04/2013	03/04/2013		✓
Build sync table in SNOW	03/04/2013	03/04/2013		✓
Build sync table in Oracle	03/05/2013	03/05/2013		✓
Establish synchronization to Oracle	03/06/2013	03/14/2013		✓
Build result table in Oracle	04/05/2013	04/08/2013		✓
Populate sync for Asset/System	03/06/2013	03/12/2013		✓
Process sync for Asset/System	04/11/2013	05/03/2013		✓
Populate sync for MAC	03/29/2013	04/03/2013		✓
Process sync for MAC	04/05/2013	04/25/2013		✓
Populate sync for DNS	04/08/2013	04/09/2013		✓
Process sync for DNS	04/10/2013	04/26/2013		✓
Establish result synchronization from Oracle	04/11/2013	04/12/2013		✓
Populate sync for Component/Container	04/09/2013	04/09/2013		✓
Process sync for Component/Container	04/18/2013	05/02/2013		✓
Re-do inbound sync for Admin-type Claims	04/09/2013	04/27/2013		✓
Populate sync for Claims	04/23/2013	04/24/2013		✓
Process sync for Claims	04/22/2013	05/02/2013		✓
Outbound Sync EquipDB – testing (dev)	05/06/2013	07/05/2013		✓
Integration Testing	07/11/2013	10/31/2013		29%
Refresh EquipDB Integration environment from prod	07/11/2013	07/12/2013		✓
Clone Fermitrn from prod	07/12/2013	07/13/2013		✓
Update Fermitrn sync procedures from Dev	07/16/2013	07/17/2013		✓
Validate that Fermitrn sync works works correctly in disabled state	07/16/2013	07/19/2013		✓
Switch Fermitrn to fully synchronize with EquipDB and Infoblox Integration	09/18/2013	09/19/2013		
Full test of EquipDB sync in integration/Fermitrn	09/19/2013	10/03/2013		
Full test of Infoblox synch in integration/fermitrn	07/25/2013	10/31/2013		20%
CMDB Enhancements	04/10/2013	10/08/2013		67%
CMDB data security changes	04/10/2013	05/16/2013		✓
Manufacturers – identify those that exist in EquipDB as user_selectable	06/17/2013	06/20/2013		✓
Locations – add descriptions from EquipDB	06/18/2013	06/19/2013		✓
Other potential work (placeholder)	09/18/2013	10/08/2013		
Outbound Sync – Infoblox	03/15/2013	07/08/2013		84%
Populate sync for MAC	03/15/2013	03/21/2013		✓
Populate sync for DNS	03/22/2013	04/03/2013		✓
Develop synch mechanism from SNOW to Infoblox API	07/01/2013	07/08/2013		20%
Develop Infoblox API app				85%

	05/16/2013	09/23/2013	
Initial development and testing in Python	05/16/2013	06/28/2013	
Final development and testing of the sync methods	06/25/2013	09/23/2013	 70%
Develop Basic SNOW catalog items and workflows	05/24/2013	10/31/2013	 47%
End-user registration of a personally owned device	05/24/2013	07/08/2013	
Registration of a Fermi owned device	07/09/2013	09/23/2013	 40%
Registration of a Fermi owned device UAT	10/01/2013	10/14/2013	
DNS / Static IP request	09/24/2013	10/17/2013	
DNS / Static IP request UAT	10/18/2013	10/31/2013	
Buffer for unexpected delays	11/12/2013	11/29/2013	
Develop Advanced SNOW catalog items and workflows	12/16/2013	02/24/2014	
Admin - batch registration	12/16/2013	12/24/2013	
Prep utilities	01/24/2014	02/24/2014	
Other	12/16/2013	02/21/2014	

Milestones

#	Title	Group	Status	Deadline	Resources
7	Project kick-off		 ✓	03/04/2013	
104	Outbound Sync Infoblox – SNOW table populated		 ✓	04/09/2013	
49	Outbound Sync Equipdb – SNOW table populated		 ✓	04/24/2013	
50	Outbound Sync Equipdb – Oracle processing completed		 ✓	05/10/2013	
77	EquipDB sync complete			10/31/2013	
117	Basic Node Registration Completed			10/31/2013	
118	Infoblox sync complete			10/31/2013	
119	Enable synchronization in production			10/31/2013	
120	Enable basic node registration in production			11/11/2013	
122	PHASE-1 COMPLETED			11/29/2013	
139	Advanced node registration completed			02/24/2014	
140	PHASE-2 COMPLETED			02/24/2014	

Risks

	Item	Risk Description	Status	Project Impact
	Node Registration 2_0	With Krysia being re-assigned to the HCM project, all her development and project management responsibilities have transferred to Mike Baker. Unless Mike can spend 70% of his time on this project, there will be further significant delays.	90% probability	High
	Outbound Sync – Infoblox	The RESTful API from Infoblox has all the methods that will be needed for this project, but there is a possibility that it may be missing some functionality within the methods. Since this is our first attempt at using this API, we won't know this till more work has been done.	10% probability	Low
	Outbound Sync – Infoblox	Resource availability for the development of the Python API to Infoblox may cause project delays.	Eliminated	Low
	Outbound Sync – Infoblox	There is a possibility that using REST to communicate with Infoblox may be too slow. We won't know till some development work has been done.	Eliminated	Low

Issues

Item	Description	Priority	Status	Assigned To	Identified By
------	-------------	----------	--------	-------------	---------------

Legend

 In progress	 At risk	 On track	 Milestone	 Completed
---	---	--	---	---

Symbols	 Note	 Issue	 Risk			
Dates	Past due	Normal	Expected within the report time horizon			
Priority color markers	Very High	High	Normal	Low	Very Low	Critical Path