












Meeting Topic and Action Item Backlog - SysOps

This is a list of outstanding topics for the SysOps group

This is THE list. It replaces Action Items for Development. – Needs to be cross-referenced with [Tech Council Request/Backlog Page](#) .

SysOps Item-ID	Topic	Description	Date Added	Date Scheduled	Action	Jira	Status
	Securing OKAPI, network topologies for deploying FOLIO		2019-04-12		done		
	<ul style="list-style-type: none"> Protecting against injection attacks 						
	Docker security		2019-04-12			 UXPROD-747 - Security CLOSED	
	Documentation on Docker modules	Documentation belongs a) in the README on github b) on dockerhub				There is a Ticket about that (Anton). Marc Stacy and David Crossley work on this. It is being worked on May/24 /2019: FOLIO-2003 and FOLIO-2008.	
	Upgrading FOLIO:		2019-04-12			 UXPROD-748 - Operational Maintenance CLOSED	
	<ul style="list-style-type: none"> Need understanding of possible upgrade workflows 						
	<ul style="list-style-type: none"> Dependency management among modules 						
	<ul style="list-style-type: none"> Data schema changes 					 UXPROD-763 - live db upgrades (db migration) CLOSED  UXPROD-1438 - Implement a process for tracking data-related API schema changes CLOSED	
	<ul style="list-style-type: none"> Protecting customization against upgrades 						

	<ul style="list-style-type: none"> • UI upgrade path 					
	<ul style="list-style-type: none"> • Backend module upgrade path 					
	<p>Dependency resolution</p> <ul style="list-style-type: none"> • Should be separate from ... 	CLI / UI for dependency resolution. An Okapi administrative tool.	2019-04-12			Worked on in Kubernetes / Orchestration working group. - Okapi admin tool is not yet being touched on. - Stripes has a CLI now; works for Okapi in part also.
	Need common tools to get FOLIO up and running		2019-04-12			<p> UXPROD-1083 - SysOps and Deployment support <input type="button" value="CLOSED"/></p> <p>UXPROD-748 - Operational Maintenance <input type="button" value="OPEN"/></p> <p> UXPROD-754 - orchestration - part 1 <input type="button" value="OPEN"/></p> <p> UXPROD-755 - Scaling - part 1 <input type="button" value="OPEN"/></p> <p> UXPROD-1429 - Clustered deployment pt2 <input type="button" value="CLOSED"/></p>
	<p>Tenant management</p> <ul style="list-style-type: none"> • Dependency management in multi-tenant 		2019-04-12			
	<p>External integrations</p> <ul style="list-style-type: none"> • Includes edge modules • List of Integrations 		2019-04-12			<p> UXPROD-347 - Edge API Core (Common Infrastructure) <input type="button" value="OPEN"/></p> <p>UXPROD-211</p>

	Reporting					 UXP ROD-217 - Jira project doesn't exist or you don't have permission to view it.
	Re-write LS-Tools	<p>LS-Tools = A tool set at Cornell which allows technical services do library automation tasks through a common web interface.</p> <p>It is essentially an ETL tool. It comprises cleanup jobs, export and import jobs. There is a specification written for each job that describes who owns it, how it is executed, what is needed, etc. The app also allows for searching of marc data with a highly granular selection capability. The app is a swiss army knife of technical services activities. It has meant a huge increase in productivity for technical services staff. Re-implementing this in Folio will be a challenge.</p> <p>Some combination of the workflow engine and the marc batch loader could replace LS tools. The workflow engine is meant to be a platform to build these kinds of applications on.</p>				Robbie / Greg and Phil will look at it
	UUID-issue	<p>https://discuss.folio.org/t/on-primary-identifiers-in-folio/1826</p> <p>Functional requirements: We need human readable identifiers. Eye-readable. Can be read on the phone. It has to accept legacy IDs. New records do not have to be compatible with the legacy identifiers.</p> <p>Preferred: Sequential identifiers. Sequential identifiers are related to the legacy identifiers. They leverage existing IDs by sequential numbers.</p> <p>It doesn't make sense to fix it after having gone live.</p>				We have them for the inventory app. Jira UIIN-435
		Standards / Requirements for module instrumentation. Being able to see what is going on in a given module for debugging, performance analysis.				 UXPROD-756 - instrumentation - part 1 CLOSED
		Bootstrapping tool that <ul style="list-style-type: none"> • creates tenant • sets up admin user A script. Might be consolidated into a single administrative toolkit. Right now, there is a perl script. Need to be a pushed-button thing.				

Missing Documentation and Information

Information	Date Added	Action
Okapi documentation is outdated		
No technical overview of how data flows through FOLIO, closest is the single server documentation		