

Thank you for reaching out to the CPE Team to log your request. Please fill out the fields below. To ensure your request can be reviewed please ensure all fields are populated where you see a *. Thank you

Project details:

Name of Project:	Noggin Phase 3
Submitted by:	Aurelien Bompard, Aoife Moloney
Date:	2020-05-27
Dependency dates : (if known)	November 2020

Summary overview:

Pulled info from Phase 2 other information section down to the requirements section below:

The Noggin project is being developed to replace the current AAA/FAS solution that Fedora uses for account authentication as it is due to go EOL in November 2020 as it is running on an outdated python script and RHEL6.

In Phase 3, the Noggin team will aim to complete technical development of the solution and begin migrating application code bases that currently interact with the API in AAA to the FASJSON client.

What platform does this project relate to: [Please insert]*

<input checked="" type="checkbox"/>	Fedora	<input checked="" type="checkbox"/>	CentOS
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Is this idea... [Please insert]*

<input type="checkbox"/>	New	<input type="checkbox"/>	Enhancement	<input checked="" type="checkbox"/>	Replacement
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Is there a workaround in place? Y/N

If yes, please provide details:

What area does it relate to: [Please insert]*

<input checked="" type="checkbox"/>	Initiatives	<input type="checkbox"/>	Infrastructure	<input type="checkbox"/>	Releng
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Why is this important?	What is the benefit of doing this?	What happens if it doesn't happen?
<p><i>What problem or opportunity are we addressing:</i></p> <p>The original FAS application was used as the main authorization system by all contributors to gain access to Fedora infrastructure & systems. The original code was written in Python and now has a number of security issues. It is also only compatible with RHEL 6 or earlier, which is due to EOL in November 2020. The current application is unusable on RHEL7, 8 and future releases and will also no longer function after this date.</p> <p>It is important to the CPE team to have a solution in place as there is a need for an authentication service to exist on entry to both Fedora and CentOS infrastructure and systems for security purposes.</p>	<p>By having this service available in both infrastructures will also unify CentOS & Fedora, making it easier for each community member to contribute to either Fedora or CentOS using the same account.</p>	<p>Users would not be able to access Fedora or CentOS</p>

Objectives/Goals *

Please insert as bullet points

- Code migration of existing applications to new fasjson client
- Documentation available to community maintainers to aid with their code changes
- Deployment to staging
- Performance test complete

What does success look like to you? *

- Complete code migration from applications using the current system to the new FASJSON client.
- Feature development complete.
- Security audit on code complete and passed.
- Ready for deployment to staging for performance testing.

Requirements: (Prioritized epics + deliverables)

Requirements

- Application Code Migrations
 - Schedule of application migrations the team are required to do
 - Timetable of key dates for community maintainers to refer to when planning their code changes to complement possible feature releases also to minimize PR reviews on the same application multiple times
 - Timetable of migrated application release dates to be sent in advance to devel/infra lists
 - Supporting documentation for community maintainers to aid code changes to the new fasjson client
 - Dedicated space (to be decided) for community maintainers to file application issues they encounter when migrating code to request team support
- Successful deployment to staging
- Community testing for performance issues
- Time for small tweaks to Noggin if any are needed post community testing
- Deployment to production
- FAS service to read only
- Turn off FAS (Q4)

Dependencies (users, other teams & app's affected) *(If known)*

1.	Beta Freeze for Fedora 33 is last week of August - 2nd week of September, so Noggin needs to be deployed to staging before this date

Risk *(If known)*

Risk title	Type of risk	Risk description	Risk Level	Actions to mitigate risk
Data Centre Move	No Staging environment until est. August 2020	The performance of the Noggin project cannot be tested accurately until it has been deployed to staging, which will be unavailable until estimated August 2020, which leaves a very small window to redo development should performance not meet standard	H	Increase awareness of this potential setback with the users of this

Skill Set/Resources required to deliver

Title	Skillset	How to Help
Sys-admin	Knowledge of infrastructure	Help required when deploying Noggin to staging
Developer	Knowledge of APIs	Review and
Security	Knowledge of code security	Review code in Noggin solution for any malware/bad code

Project timeline:

To be added by mid - end of June

Any other information:

Any open questions, unknown's, other insights you would like to flag, add them here: