2018.10 Systems Discussion

Document Information

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The **purpose of this document** is to capture proposed agenda topics for the 2018 technical face to face meeting with NCI EVS Teams.

Time

Wednesday, October 10, 2018

Time	Location	Attendees	Resources
2:00 PM - 3:00 PM	Room 4W030		Systems Discussion.pptx

Goals

Goals

- Document the future tech stack
- Propose road map to update to new tech stack requirements.
- Document systems team plans for Docker.
- Propose road map to align with Systems team docker.

Topics

Topic	Discussion

Tech Stack	Discussion Points:
	- NCI Tech Stack URL https://service.cancer.gov/kb_view.do?sysparm_article=NCI-KB0011933 - No updates required for MySQL - No updates required for Docker - No updates required for Java 8 - Might be possible to use OpenJDK. - Jacob and team will let us know when OpenJDK is available. - Nexus may be updated to Nexus 3 (currently at 2) - Jenkins/Docker - There are a couple of production docker projects. - Python, Apache, R based project. - CTRP - microservice - Few other projects in process - Docker Swarm and Kubernetes is being looked at. - Dockerize will make application more portable. - We can discuss cloud ecosystem if there is interest. - Systems can support the docker containers and management using kubernetes. - Microservices would be security verified by the security team. Decision Points: - Pursue docker tier deployment of LexEVS Services.

File	Modified
Microsoft Powerpoint Presentation Systems Discussion.pptx	Oct 03, 2018 by endlecm