

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
<ul style="list-style-type: none">• 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
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Tech Stack	<p>Discussion Points:</p> <ul style="list-style-type: none"> • NCI Tech Stack URL <ul style="list-style-type: none"> ◦ 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 <ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> ◦ There are a couple of production docker projects. <ul style="list-style-type: none"> ▪ 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. <p>Decision Points:</p> <ul style="list-style-type: none"> • Pursue docker tier deployment of LexEVS Services.
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File	Modified
Microsoft Powerpoint Presentation Systems Discussion.pptx	Oct 03, 2018 by endlecm