

GSoD Office Hours Notes

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2020-12-10

- Attending and recording
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Wednesday meetup review
 - Great result - 22 attending, 135+ registered
 - Good job walking through the actual documentation, showing how it works
 - Good to have questions from the audience
 - Great experience for Zainab
 - Liked the question and answer segment. Very engaging
 - “Seed Questions” were not as helpful as Mark had hoped
 - Helped her prepare for the session, understood that mentors were not the only ones likely to ask questions
 - Did not cover all the seed questions, that was OK
 - Nervous by late arrival
 - Joined the invitation that had a Google Meeting invitation (wrong meeting)
 - Mark had not reconfigured the Zoom link to skip the registration requirement
 - Mistake to fix in the next webinar, don't lose people for non-registration
 - Mark assembled the wrapper slide deck at the last minute
 - Don't forget the deck
 - Zainab's slides helped with the organization and presentation
- AWS account access to continue
 - Mark's AWS account has 140 USD for the month, not sure sponsor company will reimburse him for much more than that
 - Not used for the demo yesterday, not used this week, but was using it for Jenkins on AWS
 - Planning to use it in the future
 - Not using any capacity
 - Mark investigate the cost sources, resolve them
- Pull requests
 - [PR](#) - Scaling Jenkins on Kubernetes
 - Docs SIG meeting is tomorrow with metrics reporting
 - Mark wants that pull request off the metrics
- Helm installation instructions
 - While preparing for the session, planned to use the Helm chart
 - Didn't work due to most recent changes
 - Saw updates to the official values.yaml
 - Could not install even with user 0 on the Windows computer
 - Needs to revisit the Helm instructions based on latest Helm chart
 - How do we assure the documentation stays current

- How do we assure the docs are still working?
 - Regular reports that the docs are working
 - Remind each other of major deliveries and periodically check that it still works
 - Docs SIG report on docs testing based on latest changes
 - Mark add docs testing status report to Docs SIG agenda
- GSoD Timeline
 - Dec 10 - evaluation of success and experience by Zainab
 - Dec 17 - retrospective
 - Next week's office hours (one week from today)
 - Dec 10 - [evaluation](#) of success and experience by mentors
 - Mark submit evaluation today

2020-12-07

- Attending and recording
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
- Prepare for Wednesday meetup
 - Over 100 registered to attend (likely 20+ attend)
 - Content of the online meetup
 - Site content
 - show what's been created
 - what's been improved
 - Live demo and discussion of the demo is very interesting
 - Installing Jenkins on Kubernetes
 - Overview of the docs content
 - Use Helm on minikube
 - May need to run the installation on her VM
 - Test tonight
 - Hope she'll avoid the userid 0 issue on VM
 - Multi-platform (Windows & Linux) had some "twists"
 - Complications on Windows not seen Linux
 - Start the installation on the computer, then questions
 - Mentors ask the questions
 - Zainab discusses the answers to questions
 - Use the Jenkins install page as the demonstration
 - Encourage audience to read docs and follow docs
 - ["Seed questions"](#) - Mark & Kristin & Marky in Google Doc
 - Show the documentation steps **really work**
 - This is how docs help you

- Configuring development of jenkins.io on Windows
 - Installing Jenkins on Kubernetes using Jenkins operator
 - Docs site configuration and development for docs
 - How others can contribute to the Jenkins docs
 - Slides - welcome if they help with presentation
 - Themed conversation between Zainab and the mentors
 - Highlight other contributions from the same time
 - IBM Cloud tutorial (Kubernetes based)
 - What's next for Jenkins on Kubernetes documentation
 - Invite others to contribute
 - Spreadsheet showing the content and locations for the contributions
 - Gives an overview, allows to see progress & direction
- AWS question and answer
 - Configuring a cluster autoscaler, seeing an issue with a configured node
 - Working on the resource, using a medium.com page
 - Sent question to the author, still not yet working
 - Hope to have some update for the Thursday office hours
 - Tomorrow preparing for the Jenkins Online Meetup
- Open for technical program management, open source, and writing roles
 - Open to part time or full-time opportunities
 - Depends on the interests, willing to consider other opportunities
 - Software development at the back end is current experience
- Pull requests
 - [PR](#) - Scaling Jenkins on Kubernetes
 - Mark's feedback has been included
 - Need to consider Oleg's feedback and adopt or relocate as appropriate
 - "Scaling" is usually about increasing execution capacity
 - Needs discussion in the PR or a proposal
 - If there are additional topics, suggest them as comments in the PR
 - [PR](#) - blog post merged Dec 4
 - Report submitted to the Google Season of Docs
 - Mark listed all the GSoD pull requests, it is impressive
 - Zainab's PR's [3763](#), [3822](#), [3845](#), [3891](#), [3898](#), [3899](#), [3879](#), and [4002](#)
- GSoD Timeline
 - Dec 10 - evaluation of success and experience by Zainab
 - Next week's office hours (one week from today)
 - Dec 10 - [evaluation](#) of success and experience by mentors
 - Mark has shared a draft evaluation with mentors
 - Submit to Google after the Dec 9 Jenkins Online Meetup
 - Dec 17 - Docs office hours [2020 Google Season of Docs retrospective](#)
 - See [2019 retrospective](#) for last year's experience (not accepted)

2020-12-03

- Attending and [recording](#)
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - [PR](#) - Scaling Jenkins on Kubernetes
 - Needs more guidance on the specific content to include
 - Uses agents to scale a single Jenkins controller
 - Would be great to have more advanced use cases
 - Review in progress by Mark
 - Use new plugin installation manager instead of install-plugins.sh
 - Other minor topics
 - Other things to be added to the documentation?
 - Comment on those items and she'll consider them
 - [PR](#) - sample data files in the Jenkins.io repository - merged
 - [PR](#) - blog post reviewed and merged after Zainab's end of day Dec 4
 - Needs link to published blog post in the final report for Dec 5
- GSoD Timeline
 - Dec 5 - Zainab completes her project report (pull requests, learned, etc.)
 - Blog post [PR](#) describing the results, what we learned, etc.
 - We'll see that this week, ready to meet the deadline
 - Zainab done
 - Reviewed and merged by end of day, Saturday Dec 5
 - OK to change publication date to 2020-12-04
 - Dec 10 - evaluation of success and experience by Zainab
 - Next week's office hours (one week from today)
 - Zainab has received the evaluation link
 - Mentors - Mark Waite, Kristin Whetstone, Marky Jackson
 - Org Admins - Mark Waite, Marky Jackson
 - Dec 7 office hours meet to discuss AWS and prepare for meetup
 - Dec 10 - evaluation of success and experience by mentors
 - Mark & Kristin received the mentor evaluation link
 - Google Doc to propose a draft of the mentor evaluation
 - Next week's office hours (one week from today)
 - Mark assemble a Google Doc to collaborate and discuss
 - Dec 17 - Docs office hours to include a retrospective
 - Capture what we've learned about the process
 - Identify things we should do better next year
- GSoD Conclusion
 - Online meetup plan

- Abstract submitted, +1 from all voters
- Mark today will create the Jenkins Online Meetup draft, send to Oleg and others for review
- Publish the meetup invitation tomorrow, Friday, mid-day in Europe/Africa
 - Personal tweets to promote
 - Jenkins account to tweet
 - Tweet the blog and Jenkins Online Meetup in same post from jenkinsci account
- Content of the online meetup
 - Live demo and discussion of the demo is very interesting
 - Configuring development of jenkins.io on Windows
 - Installing Jenkins on Kubernetes using Jenkins operator
 - Slides - welcome if they help with presentation
 - Site content
 - show what's been created
 - what's been improved
 - Themed conversation between Zainab and the mentors
 - Docs site configuration and development for docs
 - How others can contribute to the Jenkins docs
 - Highlight other contributions from the same time
 - IBM Cloud tutorial (Kubernetes based)
 - What's next for Jenkins on Kubernetes documentation
 - Invite others to contribute
 - Spreadsheet showing the content and locations for the contributions
 - Gives an overview, allows to see progress & direction
- What's next after Google Season of Docs?
 - More work for the Jenkins on Kubernetes documentation

2020-11-30

- Attending and recording
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
- Pull requests
 - [PR](#) - Scaling Jenkins on Kubernetes
 - Needs more guidance on the specific content to include
 - Would be great to have more advanced use cases
 - [PR](#) - sample data files in the Jenkins.io repository
 - Zainab will change the destination links to point to the master branch on the official repository

- Can then be merged
 - Other things to be added to the documentation?
 - Comment on those items and she'll consider them
 - Mark provide review comments and either merge or adapt
- Cloud providers
 - AWS account lent to Zainab
 - Has connected to the account, was able to login and create an EC2 instance
 - Do we want more details for AWS cloud in the Jenkins.io docs?
 - One tutorial from a cloud vendor on jenkins.io (IBM cloud)
 - Most tutorials for cloud vendor are on the cloud vendor
 - Zainab can add as a jenkins.io [cloud tutorial](#)
 - AWS cloud tutorial like the IBM cloud tutorial
 - AWS account for Zainab for additional Jenkins development work
 - Continue for a month, then discuss further
- GSoD Timeline
 - Nov 30 - conclusion of the writing
 - Dec 5 - Zainab completes her project report (pull requests, learned, etc.)
 - What's the format for a "project report"?
 - Blog post describing the results, what we learned, etc.
 - We'll see that this week, ready to meet the deadline
 - Zainab will complete by end of day Friday, Dec 4
 - Reviewed and merged by end of day, Saturday Dec 5
 - Dec 10 - evaluation of success and experience by Zainab
 - Next week's office hours (one week from today)
 - Dec 10 - evaluation of success and experience by mentors
 - Next week's office hours (one week from today)
 - Assemble a Google Doc to collaborate and discuss
 - Dec 17 - Docs office hours to include a retrospective
 - Capture what we've learned about the process
 - Identify things we should do better next year
- GSoD Conclusion
 - Shall we host a Jenkins Online Meetup to share the results and insights?
 - Willing to do it Dec 9 (better) or Dec 10?
 - Usual format
 - Needs an abstract and proposal for the meetup sent to the Jenkins advocacy and outreach SIG
 - Mark provide links to example abstracts
 - Hacktoberfest: Docs and More - [email](#) & [abstract](#)
 - GSoC 2020 Final Demos - [email](#) & [abstracts](#)
 - Jenkins Release Infrastructure - [email](#) & [abstract](#)
 - Pipeline as YAML - [email](#) & [abstract](#)
 - Marky draft a checklist of meetup items (See the JEP)

- Zainab provide the abstract
 - Marky, Kristin, and Mark act as backup voices
 - Webinar format using Zoom
 - Promoted in Jenkins social media, mailing lists, etc.
- What's next after Google Season of Docs?
 - More work for the Jenkins on Kubernetes documentation
 - Propose Thursday time slot as one of the Jenkins Docs office hours
 - Thursday GSoD time slot becomes a Docs Office Hours slot
 - Change has been made on the Jenkins calendar
 - GSoD office hours will be Thursday at 17:00 UTC
 - No more Monday office hours at this time after Dec 17, 2020
 - Meet once a week with Zainab and others
 - Monday late evening time slots continues as a Docs Office Hours slot
 - Mark to publish the office hours times and changes to jenkins.io and calendar
 - Done

2020-11-23 - Starting last week of writing, cloud, scaling, meetup

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - [PR](#) - Scaling Jenkins on Kubernetes
 - Needs more guidance on the specific content to include
 - Would be great to have more advanced use cases
 - Mark provide review comments in the next 24 hours
- Cloud providers
 - AWS - Mark can persuade CloudBees to donate a week of cloud capacity (\$50-\$100) for her to use
 - Mark send it to her later today
 - Hope to cover this before end of the project Nov 30
 - Google - Mark can persuade CloudBees to donate a week of Google capacity
 - Mark send it to her later today
 - Azure - No
 - Other providers
 - Oracle Cloud - No
 - IBM Cloud - No
- GSoD Timeline
 - Nov 30 - conclusion of the writing
 - Dec 5 - Zainab completes her project report (pull requests, learned, etc.)
 - Dec 10 - evaluation of success and experience by Zainab

- Dec 10 - evaluation of success and experience by mentors
- Dec 17 - Docs office hours to include a retrospective
 - Capture what we've learned about the process
 - Identify things we should do better next year
- GSoD Conclusion
 - Shall we host a Jenkins Online Meetup to share the results and insights?
 - Willing to do it Dec 9 (better) or Dec 10?
 - Usual format
 - Needs an abstract and proposal for the meetup sent to the Jenkins advocacy and outreach SIG
 - Mark provide links to example abstracts
 - Zainab provide the abstract
 - Webinar format using Zoom
 - Promoted in Jenkins social media, mailing lists, etc.
- Discuss by chat and if a meeting is needed end of this week, find a time
 - Thursday is a U.S. bank holiday (Thanksgiving)
 - Friday would be much easier for Mark
- What's next after Google Season of Docs?
 - More work for the Jenkins on Kubernetes documentation
 - Propose Thursday time slot as one of the Jenkins Docs office hours
 - Thursday GSoD time slot becomes a Docs Office Hours slot
 - Monday late evening time slots continues as a Docs Office Hours slot
 - Mark to publish the office hours times and changes to jenkins.io and calendar

2020-11-19

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Marky Jackson
 - Kristin
 - Zainab
- Pr
 - <https://github.com/jenkins-infra/jenkins.io/pull/3979#pullrequestreview-534675286>
 - Zainab will review latest comments
 - Kristin: A lot of items in the PR are really nice
 - Possible tip & tricks section
 - Kristin: Will go back and find the section and add to Gitter
 - Zainab:
 - Not sure at this time
- No other topics covered

2020-11-16

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Documenting “Scaling Jenkins on Kubernetes” - Zainab
- Pull requests
- Timeline reminders
 - Dec 5 - Project finalized
 - Dec 10 - Mentor evaluations finalized
 - Jan 6, 2021 - Results announced

2020-11-12 - Scaling Jenkins on Kubernetes, PRs

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Documenting “Scaling Jenkins on Kubernetes” - Zainab
 - Expected to be available for our next meeting on Monday
 - Making progress
 - Configured the development environment on Ubuntu
 - Now running minikube on her Ubuntu
 - Running the Jenkins docker controller
 - Checking that she can start Jenkins agents
 - Running well now, no issues
 - If issues arise, will send a message through Gitter
 - Excited to see the Scaling Jenkins portion
- Pull requests
 - [PR](#) for sample yaml files in the jenkins.io repository, needs final review & merge
 - Mark needs to get this “done”
 - Comments that the links need to point into the upstream repository
- Bug reports - none
- Running `make run` on Windows to see the jenkins.io site - Zainab
 - Victory!! By using Ubuntu in Hyper-V
- Timeline reminders

- Dec 5 - Project finalized
- Dec 10 - Mentor evaluations finalized
- Jan 6, 2021 - Results announced

2020-11-09

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - [PR](#) for Jenkins Operator merged and included in the install guide
 - [PR](#) for sample yaml files in the jenkins.io repository, needs final review & merge
- Bug reports
 - Marky handled [one](#), user error - thanks Marky!
 - persistent volume not found
- Running `make run` on Windows to see the jenkins.io site - Zainab
 - Able to use `make run` with a Hyper-V virtual machine on her Windows computer
 - Ubuntu can do `make run` from inside Hyper-V
 - Victory!!
- Next steps 2 Nov - 5 Dec 2020 - Zainab
 - Administering Jenkins on Kubernetes
 - Configuration as Code with Jenkins in Kubernetes
 - Scaling Jenkins on Kubernetes
 - Want to also cover some portion of Jenkins on Kubernetes on the cloud
- Timeline reminders
 - Dec 5 - Project finalized
 - Dec 10 - Mentor evaluations finalized
 - Jan 6, 2021 - Results announced

2020-11-05 - PRs, Blog, Windows build,

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - [PR](#) for Jenkins Operator needs review
 - Kristin review continues, Vibhav reviewed, needs approval for change from Marky J (don't forget to squash merge whoever merges it)

- Oleg's comments need review and adjustment
 - Mark goal to complete the reviews and merge before end of week
 - Zainab fixed broken link and added notes section that alerts the link could be changed at any time
 - Refers from jenkins.io page to a file in the operator repo
 - Disclaimer warns reader
 - Included a link to the official documentation in case things change
- [PR](#) for sample yaml files in the jenkins.io repository
 - Tim J suggested that the upstream repository is better for samples?
 - Discussed and included in a [pull request comment](#)
 - Decided in last meeting that the files should be in jenkins.io, no changes
- Running `make run` on Windows to see the jenkins.io site
 - Zainab had permission issues, thinks in some portion of the setup she ran a `sudo` command without permission to some files
 - Tried fixing it, had issues, but there are online hints that may work better from a fresh clone into a directory with expected permissions
 - Will connect with Mark if there are issues in the new
 - Keep a local copy in a bare repository?
 - Cloning the repository now, will be able to test once it finishes
 - Share the screen once the clone is finished
- Blog post PR
- Next steps 2 Nov - 5 Dec 2020
 - Administering Jenkins on Kubernetes
 - Configuration as Code with Jenkins in Kubernetes
 - Scaling Jenkins on Kubernetes
 - Want to also cover some portion of Jenkins on Kubernetes on the cloud

2020-11-02 - PRs, Windows dev, Blog

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite (failed to record the session)
 - Zainab Abubakar
 - Marky Jackson
 - Kristin Whetstone
- Pull requests
 - [Skeleton PR](#) merged last week
 - Mark review, confirm Oleg's request is resolved, merge
 - [PR](#) for Jenkins Operator needs review
 - Kristin review continues, Vibhav reviewed, needs approval for change from Marky J (don't forget to squash merge whoever merges it)
 - Oleg's comments need review and adjustment
 - [PR](#) for sample yaml files in the jenkins.io repository

- Tim J suggested that the upstream repository is better for samples?
 - Discussed and included in a [pull request comment](#)
- Running `make run` on Windows to see the jenkins.io site
 - Suggested cloning repository in WSL, still can't build with WSL 1
 - Cloned the repository and tried `make run` with a different error
 - Will copy the error, send it on gitter so we can review at next meeting
 - Windows 10 & WSL 1
 - Mark still has the action to try Windows 10 and WSL 1
 - Prepare for the questions from Zainab
- Blog post PR
 - Needs [review](#), was not reviewed before this meeting
 - Oleg's comments on the blog post PR process before next meeting
 - Mark to review, update date, post, and share on social media ([advocacy](#))
 - Tweet -
 - LinkedIn -
- Next steps 2 Nov - 5 Dec 2020
 - Administering Jenkins on Kubernetes is next
 - Configuration as Code with Jenkins in Kubernetes
 - Scaling Jenkins on Kubernetes
 - See the skeleton document for more details
 - Want to also cover some portion of Jenkins on Kubernetes on the cloud
 - [Jenkins on IBM Cloud with Kubernetes tutorial](#) is merged

2020-10-29 - Cancelled for Zainab's wedding prep

2020-10-26 - Pull requests, meeting schedule, retrospective

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite (failed to record the session)
 - Zainab Abubakar
 - Kristin Whetstone
 - Vlad Silverman
- Cancel next Thursday's meeting - Zainab's wedding this weekend
 - Will be available for the meeting next Monday
- Pull requests
 - [Skeleton PR](#) needs review and merge
 - Mark review, confirm Oleg's request is resolved, merge
 - [PR](#) for Jenkins Operator needs review
 - Kristin review continues, Vibhav reviewed, needs approval for change from Marky J

- Started working to run jenkins.io on her Windows computer using WSL
 - Try cloning the jenkins.io inside the WSL session
 - Will attempt in the WSL environment, report next Monday
- Draft blog post is ready for PR
 - Needs [review](#), PR is not yet opened, working on this tomorrow, review before next meeting
- Retrospective on first half
 - Worked well
 - Zainab great contributions to the Jenkins on Kubernetes docs
 - Knowledge sharing sessions worked very well
 - Helm chart sessions ([one](#) and [two](#))
 - Katacoda ([one](#))
 - Webinar for Hacktoberfest Docs contributions
 - [Running jenkins.io](#) in dev
 - Twice weekly meetings are a great help
 - Multiple mentors have allowed absence of one mentor and still have a mentor team to support
 - Moving reviews forward reasonably
 - Zainab's work with minikube without a cloud provider
 - Could improve
 - Windows running the site / developing is not as easy as it should be
 - Vlad willing to help if questions arise
 - More prompt reviews by mentors (Mark, this means you)
 - Include links to knowledge sharing sessions in the notes
 - Stop doing
 - Start doing
 - Surprised that we haven't need a cloud solution yet

2020-10-22 - Pull requests, jenkins.io dev env, blog

Recording not available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite (failed to record the session)
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - Install guide rework is complete and deployed
 - [Skeleton PR](#) needs review and merge
 - [PR](#) for Jenkins Operator needs review
 - Vibhav Bobhade as an optional reviewer? - @mentioned by Mark
 - Kristin ready to do the walkthrough of the pull request
- Started working to run jenkins.io on her computer
 - Has installed WSL but is not yet able to run `make run`

- scripts/ruby pull
 - ./scripts/ruby: line 2: \$'\r': command not found
 - : No such file or directory scripts/docker-env
 - ./scripts/ruby: line 5: \$'\r': command not found
 - ./scripts/ruby: line 8: syntax error near unexpected token `fi'
 - 'scripts/ruby: line 8: `fi;
 - make: *** [Makefile:77: build/ruby] Error 2
- Need to perform the `git clone` of the jenkins.io repository inside WSL
 - Could use a text editor to change the line endings in the files
 - Show the file as modified in git
 - Could use the CLI git settings to force different end of line
- Windows computer has Docker installed and configured to run Linux images
- Revisit on Monday and take further steps as needed
- Draft blog post is ready for PR
 - Needs [review](#)
 - Mark thinks it is ready to submit as a pull request. Ready for detailed review
- Transfer of GSoD org admin from Oleg to Marky
 - Done and confirmed by the GSoD administrators

2020-10-19 - PR's, Building

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
 - Vlad Silverman
- Pull requests
 - Install guide rework is in review
 - Mark to make final changes, then Marky review again
 - Blog post still to be created
 - Jenkins Operator docs in progress
- Started working to run jenkins.io on her computer
 - Computer is not compatible with WSL 2, working on it with WSL 1
 - Vlad was using WSL on Windows, not sure WSL 1 or WSL 2
 - Mark believes he has a computer with WSL 1
 - Working towards blog post and Jenkins Operator for Kubernetes PR
- Zainab will need to resolve conflicts on the skeleton PR due to MarkW large changes
 - Mark, Marky, and Kristin are happy to assist with git conflict questions
- RunAsUser 1000
 - Ran three different ways, Linux, macOS, and Windows

- Issue visible on Windows, asked Alex Earl for guidance
 - Continue running as user 0 for now
- Transfer of org admin from Oleg to Marky
 - Not done yet, reminder to Oleg

2020-10-15 - PR's, Building

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Pull requests
 - First PR has merged
 - Blog post showing current results
 - Brief blog post that points to the merge of PR-1 in the install guide
 - Install page is merged but restructure is not complete
 - Needs to restructure the install guide
 - Kristin requested a new review of the install guide from Oleg
 - Google doc initially as a fast review location, then adoc blog
 - Restructure the install page into sections, including Kubernetes
 - Mark to work on restructuring with Docs SIG by Thurs office hours
 - Kristin ready to review the restructuring
 - Kristin willing to investigate (may need haml and ruby to work)
 - .../installing#windows -> .../installing/windows
 - .../installing/ -> .../installing/
 - Second PR still needs to merged
 - Opening a new PR or attach Jenkins Operator into the second PR?
 - Working on Jenkins Operator, could add to second PR, remove WIP or could use a new PR
 - Kristin prefers to open a new PR so that we can merge the skeleton
 - Decided: New PR for Jenkins operator
 - Also need a PR to hold the example files, can wait until after Jenkins Operator
- Recording to use 'make run' on Windows - Mark
 - Yesterday Vlad [recorded 'make run' on macOS](#)
 - Mark and Oleg [recorded 'make run' on Linux](#) in May 2020
 - Oleg showed 'make run' on Windows some months ago
 - Uses Windows Subsystem for Linux (Ubuntu Linux in WSL 2)
 - Performs git checkout in WSL shell
 - Runs 'make run' command there
 - Opens browser window to see results
- RunAsUser 1000

- Ran three different ways, Linux, macOS, and Windows
 - Issue visible on Windows, asked Alex Earl for guidance
 - Continue running as user 0 for now
- Transfer of org admin from Oleg to Marky
 - Not done yet, reminder to Oleg

2020-10-12 - PR's, example location, merge timeline

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
- Pull requests
 - First PR - Install guide - Mark comments / ongoing review
 - Use the make run command to see how the text appears
 - She's on Windows
 - Mark send a link to a video on how to develop for jenkins.io on Windows
 - Oleg does it, recording of it for help
 - Wednesday webinar by Vlad Silverman on `make run` with jenkins.io
 - Second PR - docs skeleton
 - Pending the merge of the first PR - need that merged
 - Not opening an additional PR lest things become too confused
- Location for the Kubernetes sample files (to be included in docs as reference)
 - Service and Value files
 - Marky share an example page from Kubernetes or Spinnaker that shows how they do this? (that's the how)
 - Where to place the sample data in the jenkins.io repository?
 - Subdir 'kubernetes' of [tutorials](#)
 - OK to merge PR 1 and PR 2 before making this change
- Timeline for merge reviews and completion - Kristin
 - What's the ordering of the PR's and delivery to users?
 - PR-1 first, with blog post and install section restructure
 - How can we get things out to users?
 - Should we have a blog post?
 - Google Summer of Code had a blog post for each phase
 - Should we highlight results to date with a new blog post?
 - Brief blog post that points to the merge of PR-1 in the install guide
 - Restructure the install page into sections, including Kubernetes
 - Mark to work on the restructuring with Docs SIG by Thurs office hours

- Kristin ready to review the restructuring
- RunAsUser 1000 - Marky
 - Ran three different ways, Linux, macOS, and Windows
 - No issue on Linux
 - No issue on macOS
 - Issue visible on Windows, asked Alex Earl for guidance
 - Continue running as user 0 for now
- Transfer of org admin from Oleg to Marky
 - Not done yet, reminder to Oleg

2020-10-08 - Helm

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Torsten Walter
 - Kristin Whetstone
 - Vlad Silverman
- Pull request comments from Kristin Whetstone
 - Should merge sooner and make it available
 - Mark is taking a day off today and plans to review and merge today
 - Zainab ok with minor corrections before merge if needed
- Second pull request (skeleton) - also needs review and merge
- Helm Session with Torsten
 - See [slides](#)

2020-10-05 - Cloud, RunAs, Org Admin

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Marky Jackson
 - Kristin Whetstone
- [Pull request](#) ready for review - Zainab
 - Mark and Marky to review
 - Content from Google Doc has moved to the pull request
- Documentation structure questions - Zainab
 - Zainab has a Google Doc for discussion
 - Inserts the content into System Administration guide
- Cloud providers and content on jenkins.io

- Created a section for Jenkins on Kubernetes
 - Discussed the skeleton and how things fit in the documentation
- Incremental delivery of segments into a larger structure - Zainab
 - Skeleton form of the final document, then pieces are added in more frequent, smaller steps to the skeleton
 - Skeleton add to jenkins.io as commented adoc
 - Example available to show the idea?
 - Mark to look for an example on the jenkins.io of work in progress
 - Refer to “[System Administration](#)” sections like “[Backup](#)” & “[Monitoring](#)”
- Usergroup issue / question and investigation - Zainab & Marky
 - RunAs 0 works, RunAs 1000 fails with a permissions error
 - Marky switched port numbers locally and it worked for him
 - Zainab switched port numbers and it did not work for her
 - She’s found a workaround, not blocking her, interested if there is a missing step
- Helm chart session with Torsten Walter? - Mark
 - Would help to have another session
 - Zainab contact Torsten to schedule a session
- Transfer of org admin from Oleg to Marky - Marky
- Mark out of office playing with grandchildren Thursday and Monday
 - Marky run the next two sessions

2020-10-01 - Pull request, Helm, Jenkins Operator

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Marky Jackson
- Draft [google doc](#) for Installing Jenkins on Kubernetes - Zainab
 - Still needs reviews from Mark and Marky
 - Helm section is complete, included in the pull request
 - Working on Jenkins Kubernetes Operator
 - Better to have it in the “Managing Jenkins” section or separate
 - Helm section is in “Installing Jenkins”
 - Jenkins Kubernetes Operator in the “installing Jenkins”
 - Installation of Jenkins
 - Administration of Jenkins also can be done with the operator
 - Can use a separate page for Operator Admin functions?
 - Link to admin material from the Installing Jenkins page
 - +1 from Mark and Marky
- [Pull request](#) ready for review - Zainab

- Mark and Marky to review
 - Content from Google Doc has moved to the pull request
- Incremental delivery of segments into a larger structure - Zainab
 - Zainab will submit a separate pull request for the structure
 - Review of that pull request, discuss at the next meeting if there are questions
- Transfer of org admin from Oleg to Marky - Marky
 - Oleg can do that transfer, add Marky as mentor and org admin

2020-09-28 - Draft, Diagnosis, Incremental Delivery

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Marky Jackson
- Sent messages to Marky, was able to resolve service account issue on Monday
 - Had an issue with usergroup
 - Read about it, found that she was probably using a different usergroup to run the container
 - Was not able to resolve it at the end of the day (discuss with Marky on Monday)
 - Configuration


```
runAsUser: 0
fsGroup: 0
servicePort: 8080
targetPort: 8080
```
 - Found a temporary solution
 - Jenkins helm chart uses runAsUser: 1000
 - Found stackoverflow post, runs the Jenkins server as root user
 - Need more guidance from Marky or others
 - Suspect there is some permissions step that is needed
 - Action: Marky debug RunAsUser: 1000
- Draft [google doc](#) for installing Jenkins on Kubernetes - Zainab
 - Still needs reviews from Mark and Marky
- Incremental delivery of segments into a larger structure - Zainab
 - Skeleton form of the final document, then pieces are added in more frequent, smaller steps to the skeleton
 - Skeleton add to jenkins.io as commented adoc
 - Example available to show the idea?
 - Mark to look for an example on the jenkins.io of work in progress
 - Refer to “[System Administration](#)” sections like “[Backup](#)” & “[Monitoring](#)”
- Transfer of org admin from Oleg to Marky - Marky
 - Talked with Oleg recently, on his list to do in the next few days

- List Marky as an Org Admin
 - Remove Oleg as an Org Admin
- Add Marky as a mentor

2020-09-24 - Configuration questions, blog post

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
- Blog post reviews done, ready for a pull request - Zainab & Mark
 - Helm chart is included in draft document
 - Using minikube in the draft document
 - Will include Jenkins Kubernetes Operator in the timeline
 - Also ready to include an intro description of Jenkins Kubernetes Operator
 - Adjust the file name to match with tomorrow
- Draft google doc for installing Jenkins on Kubernetes - Zainab
 - Documentation share the [link](#) with Docs mailing list
 - Comments welcomed in the document
 - Mark & Kristin to review and comment in the Google Doc
- Is minikube still enough?
 - Yes
- Sent messages to Marky, was able to resolve service account issue on Monday
 - Had an issue with usergroup
 - Read about it, found that she was probably using a different usergroup to run the container
 - Was not able to resolve it at the end of the day (discuss with Marky on Monday)
 - Configuration
 - runAsUser: 0
 - fsGroup: 0
 - servicePort: 8080
 - targetPort: 8080
 - Found a temporary solution
 - Jenkins helm chart uses runAsUser: 1000
 - Found stackoverflow post, runs the Jenkins server as root user
 - Need more guidance from Marky or others
 - Suspect there is some permissions step that is needed
 - Could also raise question in chat with Marky
-

2020-09-21- Katacoda and Helm

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
 - Jose Luis Hurtado
- Marky overview of Katacoda and Helm
(<https://docs.google.com/presentation/d/1LD7btYQaSil3R8226OIAI6EIUqRZHTyjeFVMdF4ydSg/edit?usp=sharing>)
 - Includes diagnosis and investigation
- Blog post reviews done, ready for a pull request
- Documentation share the link with Docs mailing list
 - Allow comments, but don't allow edit for public

2020-09-17 - Structure proposal, page layout

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Marky Jackson
 - Jose Luis Hurtado
- Pull requests - Zainab
 - Started documentation to install Jenkins on Kubernetes
 - Can review and discuss today
 - [Google doc](#) as first draft for review and discussion
 - Mentors common in the google doc before PR
 - Configured katacoda and installed helm
 - Will save katacoda questions for the knowledge sharing session Monday
- [Documentation structure proposal](#) under development
 - How to match Jenkins on Kubernetes with existing jenkins.io documentation
 - See the proposal for the insertion locations
 - See notes from previous meetings, refining and improving the plan
- Knowledge sharing sessions - Zainab & Marky
 - Monday's office hours session - Katacoda and Helm by Marky

- Cluster access
 - Minikube working well for Zainab - don't need cloud hosting yet
- Updating the GSoD doc page - Mark
 - Pull request submitted - [PR-3709](#)
- Zainab's changes to the page layout
 - Discussed how ruby and haml are used to generate jenkins.io pages

2020-09-14 - Mentors, Implementation, Cluster

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending
 - Mark Waite
 - Zainab Abubakar
 - Kristin Whetstone
 - Oleg Nenashev
 - Marky Jackson
- Pull requests - Zainab
 - GSoD project structure PR - shall we halt, stay with what we have?
 - <https://github.com/jenkins-infra/jenkins.io/pull/3694>
 - Proposed to add entry to subprojects menu "Document Jenkins on Kubernetes" that links to </sigs/docs/gsoD/2020/projects/document-jenkins-on-kubernetes/>
 - Blog post -
 - <https://docs.google.com/document/d/1g3n5rIKHb0HwmlOMZMHkHG4VL056jPHFS7VPSmUeNSM/edit?usp=sharing>
 - Review comments are arriving
 - Process the review comments, finalize in Google Doc
 - Next step is pull request to jenkins.io?
- Oleg availability and participation
 - Alternatives
 - Selected option 3 - Oleg act as technical advisor to the GSoD project, but Marky Jackson become an org admin and continue as a mentor
 - Oleg to submit the request to GSoD to transfer Org Admin
- Knowledge sharing sessions
 - Katacoda session scheduled with Marky Jackson
 - Thu Sep 16 17:00 UTC - confirmed with both Marky & Zainab
 - Will be recorded for reference
 - Mark did not find workable time for helm session with Torsten Walter
 - Zainab create a doodle.com poll that fits her schedule
 - Torsten returns from holiday the week of Sep 28
 - Torsten is based in Europe
 - Marky willing to host a session on helm charts as well

- Could we schedule that sooner than Sep 28?
 - Marky is available this week and next week to assist
 - Friday this week may work, discuss in the Docs channel on Gitter
- Cluster access - Mark Waite
 - Not yet found a donor to contribute cluster access
 - Tim Jacomb suggested granting access to a new cluster in Jenkins infra
 - Mark to work with Tim and infra team to understand more details
 - Discuss in infra team meeting tomorrow
 - Marky prefers to not worry about Jenkins security / cost impact
 - Mark will configure a GCP project tomorrow for the Jenkins X GSoD writer
 - Needed immediately due to nature of Jenkins X
 - Zainab to use minikube or k3s or kind for initial work
 - Marky willing to donate cloud capacity as needed
- Updating the GSoD doc page (Mark's action item?)
 - <https://www.jenkins.io/sigs/docs/gsod/>
 - First meeting discussed next steps
 - GSoD page still refers to Jenkins project with list of project ideas
 - Need to archive the data so that the entry page is clean and clear
 - Highlight the status of the Jenkins on Kubernetes project
- Implementation status and next steps - Zainab
 - Kubernetes linked from the "Documentation" menu
 - Insert relevant content into existing sections like "Installing"
 - New Kubernetes section at the same level as "System Administration" and "Installing" (in the contents list and in the drop down menu)
 - Outline, content creation, etc.
 - See notes from previous sessions
 - Zainab review ideas from previous sessions, prepare
 - Review in next session, Thursday

2020-09-10 - Structure & Dependencies

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending:
 - Zainab Abubakar
 - Mark Waite
 - Kristin Whetstone
- Pull request completed - Zainab
 - [New pull request](#) submitted for further structure
- Blog post to introduce the Google Season of Docs project - Zainab
 - Draft ready for review before the next meeting (Monday)
- Access to Kubernetes cluster(s) - Mark Waite

- Mark is exploring two paths, one a donation from CloudBees, a donation from Oracle Cloud
 - More info at Monday's meeting or by email before that
- Structure of the Kubernetes on Jenkins section in the documentation - Zainab
 - Review [proposal](#) in next session, refine and update [structure](#)
 - ----

Getting Started - User Guide

- Introduction
 - [What is Kubernetes](#)
 - [Installing Jenkins on a Kubernetes Cluster](#)
 - [Using Helm](#)
 - Jenkins Operator for Kubernetes
 - Video "getting started" tech talk
<https://www.youtube.com/watch?v=gpKedb038S0>
 - <https://jenkinsci.github.io/kubernetes-operator/>
 - [Flexible CI/CD with Kubernetes, Helm, Traefik and Jenkins](#)
 - Administering Jenkins on Kubernetes - what's different from typical
 - Upgrades from one version to next
 - Defining it and deploying it
 - Upgrading plugins and managing plugins
 - System configuration for Kubernetes
 - Can link to other locations for general purpose techniques
 - Job definitions in Kubernetes
 - Using the kubernetes plugin
 - Using multiple containers in a single job
 - [Scaling Jenkins on Kubernetes](#)
 - Managing performance of jobs, system
 - [Building docker images](#)
 - Choosing between kaniko, builder, docker in docker
 - Container registry choices (Dockerhub, Artifact repos, GitHub, etc.)
 - Cloud provider dependent - point to the cloud specific
 - Configuring jobs using Jenkinsfile (CI As Code)

Cloud Providers

- [Setting up a CI/CD pipeline by integrating Jenkins with CodeBuild & CodeDeploy](#)
 - EKS on AWS - needs account on AWS
- [Container CI/CD using Jenkins & Kubernetes on Azure Kubernetes Service \(AKS\)](#)
 - AKS - needs account on Azure
- [Jenkins on Google Kubernetes Engine](#)
 - GKE - needs account on Google Cloud Platform
- [Jenkins on IBM Cloud Kubernetes Service](#)
- [Jenkins on Oracle Cloud Infrastructure Container Engine for Kubernetes \(OKE\)](#)

Demo

- [Setting up Jenkins on Kubernetes](#)
 - Video tutorial that shows how to configure Jenkins on Kubernetes
- Katacoda Jenkins tutorial
 - Needs tutorial session from Marky on using Katacoda
 - Simple steps (don't tire the learner)
 - Not deeply technical
 - Not long (don't exhaust them)
 - Relate to people at different levels (beginner and beyond)
 - High probability of success (must succeed or they grumble)
 - See Google Kwik labs as another example
 - [Continuous Delivery with Jenkins in Kubernetes Engine](#)
- Additional topics as we learn more during the writing
 - Prefer multiple brief demos instead of few larger demos
- Demonstrate to interested SIGs
 - Cloud Native SIG - deeply interested in Kubernetes (cloud providers)
 - Platform SIG - deeply interested in platform specific topics (IBM)
 - Every two weeks on Thursday
 - Docs SIG - interested in structure and how to make it all work
 - Monthly near end of each month

Additional Resources

- [Helm charts](#)
- [Jenkins DIND](#)
- [Jenkins Configuration as Code](#)
- [Jenkins on Kubernetes: Getting Started](#)
- [Jenkins CI/CD Integration with PKS-provisioned Kubernetes Clusters](#)
- [Deploying and Scaling Jenkins on Kubernetes](#)
- [Kubernetes for CI/CD at scale](#)
- [Setting up a CI/CD pipeline with Spring MVC, Jenkins, and Kubernetes on AWS](#)
- [Zero-downtime Deployment in Kubernetes with Jenkins](#)
 -
- Advanced Topics (if time allows)
 - Using Microsoft Windows in Kubernetes
 - Docker images for Windows
 - Building for Windows
- Reviewing and refining the project timeline - Zainab
 - Take the listed topics
 - Identify which topics should be mapped to sections
 - Keep the planning lightweight - estimate time for sections, assign to calendar
 - Flexibility to adjust and correct as we learn more
 - Are there things that will need extra time and coordination
 - Cloud provider interactions (AWS, Azure, Google, Oracle, etc.)
 - Katacoda
- Knowledge sharing sessions - Mark to send "Doodle.com" proposals for times

- First sent today for Helm charts with Torsten Walter - done
- Mark to send invitation for Katacoda knowledge sharing session with Marky

2020-09-07 - Access, Structure, Planning

[Recording](#) available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending:
 - Zainab Abubakar
 - Mark Waite
- Pull request to review - Zainab Abubakar
 - Jenkins on Kubernetes project page - [PR-3686](#)
 - Google Season of Docs project page as subpage of jenkins.io page
 - Mark ideas
 - Add “Google Season of Docs” to the subprojects menu above Google Summer of Code - link to [Google Season of Docs](#)
 - Move the “Projects” paragraph to near the top of [GSoD page](#)
 - Add “Jenkins on Kubernetes” GSoD project link to [Docs Projects](#) and move it to the top of the projects section
 - Zainab review the layouts and create new one or choose existing
- Blog post to introduce the Google Season of Docs project - Zainab
 - What should be the content of the blog post?
 - Jenkins on Kubernetes introduce and invite others to assist
 - Summarize the timeline (community bonding phase now, start Sep 14, last for 3 months, looking to enjoy working together)
 - Links to the project pages, etc.
- Access to Kubernetes cluster(s) - Mark Waite
 - Requested donation from one cloud provider, will request from others
 - Can Zainab access the Microsoft Azure “\$300 for one month” in the interim?
 - Marky Jackson mentioned other alternatives for local k8s cluster access
 - Knowledge sharing session to review and discuss with Marky
- Structure of the Kubernetes on Jenkins section in the documentation - Zainab
 - Review [proposal](#) in next session, refine and update [structure](#)
 - Installing Jenkins on Kubernetes
 - Helm charts
 - Jenkins operator for Kubernetes
 - Using the Kubernetes plugin
 - Container that connects to Jenkins (“jnlp container”)
 - Containers for tools (like maven, gradle, bazel, etc.)
 - Using Microsoft Windows in Kubernetes
 - Docker images for Windows
 - Building for Windows
- Reviewing and refining the project timeline - Zainab

- Knowledge sharing sessions - Mark to send “Doodle.com” proposals for times
 - Helm chart overview meetup - Torsten Walter
 - Katacoda - Marky Jackson
 - Has been reviewing links from Marky Jackson on katacoda
 - Good to create a scenario for Jenkins on Kubernetes using katacoda
 - Installing Jenkins on Kubernetes
 - Training system that takes student through practice steps
 - Jenkins on Kubernetes experience that guides users to install and they can see the commands as they are executed
 - Creating a repository on her account, no indication of pricing requirements now. If there is a cost associated, she'll communicate with mentors

2020-08-03 - Kubernetes, Katacoda, ...

Recording available on the [Docs SIG playlist](#) of the [Jenkins YouTube channel](#)

- Attending:
 - Zainab Abubakar
 - Mark Waite
 - Marky Jackson
 - Kristin Whetstone
- Access to Kubernetes cluster(s) - Mark Waite
- Google Season of Docs project page as subpage of jenkins.io page - Zainab
- Blog post to introduce the Google Season of Docs project - Zainab
- Katacoda - Marky
- Helm chart overview meetup

Other References

- [Google Season of Docs](#) on jenkins.io
- Project plan
- [Docs SIG](#) for Google Season of Docs startup ([video](#))
- [Mentors Google Season of Docs startup](#)