| **Agenda Details** | | | |
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| **Customer:** | The Home Depot | **Date:** | 4/1/21 |
| **THD Attendees:** | John Thebault  Michael Hale  Patrick Mayes  Ravi Saridey  Zach Hardin  Jim Vuichard  Kel Byers | **Puppet Attendees:** | Paul Riley  Randy Greenburg  Leo Abreu |
| **Location:** | Conference Call (Zoom) | **Meeting Name:** | Monthly TAM Meeting |

| **Agenda** |
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| **Ticket Status**   * Server Builds Failing at Puppet run   + Ticket #43815   + Puppet Support is due to review logs   **Demos & Discussion**   * Puppet Code-Manager Threading   + Run on 2019.8.5   + Load 402 Modules   + Time is attached   + Threading cut the time in 1/2   + Developed Application to create a large Puppetfile     - <https://github.com/paul-riley/puppet-forgeapi-loader>   + Discuss # modules get redeployed and BA requirements are. * Job export in 2019.8.5   + Reports * **Notes: get list of improvements**   **Feature Requests**   | Description | Status, Solution, or Location on Productboard | | --- | --- | | Code Manager takes too long | Completed. Development contacted me 11/19/20 that they would like THD to test this against 2019.8.4  Status: in Puppet Server 6.9.0 <https://puppet.com/docs/puppet/6.21/server/release_notes.html>  There is a new JRuby pool architecture that maintains a single a JRuby instance where requests to Puppet Server will run concurrently. You can toggle this behavior by setting jruby-puppet.multithreaded to true. In this mode, the server's memory footprint is significantly lighter as it no longer needs to run multiple JRuby instances. Note that this mode should be treated as an experimental feature. [SERVER-2684](https://tickets.puppetlabs.com/browse/SERVER-2684) | | Puppet Self  -healing | In backlog.  <https://portal.productboard.com/puppet/1-puppet-idea-portal/c/42-self-healing> | | Puppet Upgrades are cumbersome/troublesome | Puppet Follow Required Tested with releases through 2019.8.4  <https://portal.productboard.com/puppet/1-puppet-idea-portal/c/48-upgrade-improvements-for-2019-8>  Status: Working with Prod to get improvement methodology | | Metrics. Get indication of how the env is acting in real time. | Product Manager has notes. Status update due in 5/21 meeting  <https://forge.puppet.com/modules/puppetlabs/puppet_metrics_collector> | | No Puppet Orchestrator Status | Product Manager has notes. Status update due in 5/21 meeting. | | Core services show green in console, but it is not. | Product Manager has notes. Status update due in 5/21 meeting.  <https://forge.puppet.com/modules/puppetlabs/puppet_metrics_collector>  Run support script. Make sure to grab console logs and to open a support ticket per TAM (Margaret Lee too). | | Poor filters on Puppet Job for nodes | Improved. Updated filtering in 2019.8.4  Notes: Jobs are located in Reports subcateogry | | There is currently not a way for PDK to test via onceover using PDK to test duplicate declarations in modules. | Product Manager reported: "that integration is on the roadmap but I can't give you a timeline just yet. I'll follow up in a few weeks with information as I have it."  Status: From PM: Using Agile for improvement, “so if we make it easier to run onceover in the first place, that's going to be the natural outcome of one of our first PDK projects”. Onceover does duplicate declarations. | | There is currently not a way for PDK to test the control repository to ensure the Puppetfile, hieradata, and roles/profiles are using the proper syntax. | Onceover integration + PDK. | | Puppet Orchestrator has a queuing issue when we run a high number of systems in one puppet task. So if I run 1499 systems in one puppet task it uses all 250 concurrent jobs and everything queues up until a slot is free from the job that had 1499 systems. | Completed. --tags parameter added 2019.8.4  <https://portal.productboard.com/puppet/1-puppet-idea-portal/c/191-orchestrator-command-deploy-parity-with-mcollective-puppet-agent>  Note: I’m working through API calls. ETA - early April. Put on hold for code-manager deployment.  <https://tickets.puppetlabs.com/browse/PE-30139>  Team Skeletor is in charge of this. Ask them. | | Puppet Orchestrator does not have a way to give a count of how many jobs are using the 250 slots, and which jobs are queued up behind it via an API. | Improved. Added API target with fields above.  Note: I’m working through API calls. ETA - early April. Put on hold for code-manager deployment | | What is the best way to upgrade agents? | Requires Followup  <https://puppet.com/docs/pe/2019.8/upgrading_agents.html>  Note: working on getting thresholds or how to calculate them.  Ask SA team, aka Reid. | | Notify w/ error does not compile | Closed with work around to create custom function. Paul will follow up with product manager to get this reopened.  Spoke with Patrick. Will schedule 1-1 with him. Possible new escalation path via Stdlib. |   **Training/ Webinar Opportunities**   1. <https://learn.puppet.com/> 2. <https://puppet.com/events/>   **Action Items for Puppet:**   1. PDK Feature request followup    1. Notes in Feature Request Section 2. Puppet Feature request followup    1. Notes in Feature Request Section 3. Schedule Meeting w/ Patrick    1. Notify Feature request.    2. Testing protocols. 4. Code API calls for above.    1. <https://github.com/paul-riley/pyapitest>   **Action items for The Home Depot:**   1. Schedule meeting Notify Feature Request 2. Follow up with Mike re: High level business goals.   **Parking Lot/ Other & Future Topics:**   1. Topics that need more discussion in the next meeting and future discussions about Puppet, CD4PE, Bolt, Comply, Remediate, Roadmaps, etc..   Notes: THD is using Qualysis for Vulnerability scanning. |
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