



ReleaseTEAM

November 2016



Welcome to our November Newsletter

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Welcome to November ... the month of gratitude. We are thankful for all our partners who contributed to our joint success in 2016 and beyond. This month our primary focus is to recap the outstanding October 2016 Atlassian Summit as well as highlight the upcoming DevOp Enterprise Summit in San Francisco on November 7th – 9th. We also recommend you take the following quick quiz to find out if you are ready to scale with Atlassian Data Center. It is a short, valuable exercise. Again, we are thankful for all our partner relationships and joint successes. Happy Thanksgiving!

Quick Links

[ReleaseTEAM Website](#)

[IBM Rational Website](#)

[Colorado Rational Users Group](#)

[ReleaseTEAM's Rational Users Group Page](#)

IBM Technotes



To see the latest IBM Rational TechNotes

[CLICK HERE](#)

Take This Quick Quiz to Find Out If You Are Ready to Scale with Atlassian Data Center

Are you ready to scale your Atlassian tools alongside your business? At some point in your Atlassian journey you'll likely find yourself needing to scale your Atlassian applications to a wider group in your organization. Take this quick quiz right now to find out if you're ready to scale with Data Center.

[Click here to take the quiz](#), and remember ReleaseTEAM is your product expert on all things Atlassian.

Atlassian Summit Conference Re-Cap



This was the biggest Atlassian show ever with 75 sessions, 7 tracks and over 350 Atlassians in attendance. Atlassian's Company Mission is to unleash the potential in every team and for the first time the focus of the conference was exclusively on process and culture for teams.

In 2016 Atlassian expanded their user groups; the population is now over 15,000 people in over 37 countries. They also expanded their formal training and certification programs including 5 new certification programs in 2016 JIRA, JIRA Service Desk and Confluence.

In 2016 Atlassian made significant improvements across deployments including Cloud, Server and Data Center and they have committed to deployment flexibility between the three offerings. Going forward, each deployment will be improved for unique customer segment requirements including the ability to move between the environments with improved data portability.

The table on the following pages represents a small sample of relevant information from the 2016 Summit that ReleaseTEAM found noteworthy. Please note: This conference was packed with essential information. For more details please explore the conference webpage link below. The webpage has recordings of both keynote speakers and sessions. It also has session write-ups and corporate announcements.

It is absolutely worth your time;

<https://www.atlassian.com/company/events/summit/2016>

JIRA	<p>JIRA 7 launched last year – It is a separation of Server, Data Center, Service Desk.</p> <p>JIRA + BitBucket have millions of users between them. 3 million hours in the last 28 hours - all logged in JIRA.</p> <p>They want to enable teams to teams spend less time on routine tasks. Even just 10% time savings can be huge.</p>
Agile Boards	<p>Generally there are lots of cards on a board. They've made some modest changes to card design to make them easier to read.</p> <p>Kanban boards are very popular for teams who want to work with a light process compared to Scrum boards. As the number of ideas grows, so do the number of cards. This isn't great for planning in the Kanban world. Scrum solves this issue with backlogs. Kanban boards will now also have backlogs because you now have more space to track current work, plus you get a dedicated area for planning.</p> <p>Inline edits from the issue side bar is now possible. Assign issues, change labels, modify other issue attributes.</p>
JIRA Portfolio	<p>JIRA Portfolio was introduced 3 years ago in San Jose....</p> <p>The challenge with plans is how to keep them in sync with reality. Atlassian's answer is in Portfolio v2 with <i>Live Plans</i> functionality. Whenever development teams change estimates the roadmaps will update accordingly.</p> <p>Creating plans in Portfolio is now easier – it previously required around 40 steps, this has now come down to 5 steps in version 2. Portfolio v2 provides access to more fields - including labels, components and custom fields. You can also edit from the plan. (This is a common goal among the products - they want to enable a lot more inline editing to prevent users from having to leave the current screen context in order to update issue info.)</p>
JIRA Mobile	<p>In order to deliver a good product and service, you need to get out into the real world. The JIRA Mobile Interface provides access to JIRA tasks and boards, including the ability to drag & drop cards. Mobile is now supported on the Android platform.</p>

Bitbucket	<p>Over 5 million developers in companies of all sizes are now using BitBucket in the cloud. There were tons of new Bitbucket features released in 2016. The biggest one that they are particularly proud of is Git LFS. They've integrated it tightly with BitBucket and have added additional capabilities. It will especially benefit game studios or anyone who has to work with large assets.</p> <p>Users can now chunk up files for parallel uploads. Their measurements show a 3x improvement in upload speed when committing a newly added file. For modifications, they now only upload changed parts of a file. This helps improve upload speed by almost 10x (9x actual).</p> <p>3d rendering can be done directly in BitBucket. They also introduced previous for all kinds of file formats. Graphics, video, audio, documents, etc. (They seem to be going after things P4 has been good at for a long time...)</p>
Confluence	<p>There are now over 100 million pages written in Confluence.</p> <p>5,000 engineers at NASA use Confluence. The IT team at Twitter uses Confluence to help with tickets. Spotify uses it to help communicate with 20 offices around the world.</p>
Spaces	<p>A brand new UX is coming to Spaces for Cloud by the end of the year. It will be fully customizable. It will be easy to reorganize and move using drag and drop.</p> <p>You can now navigate at least three times faster thanks to reduced page loads.</p> <p>Getting back to recent pages will be easier - My Spaces / My Work will now be global. There is consistent experience across web and mobile. There are changes auto sync to mobile, including recently viewed & recently created.</p> <p>Android support also now available.</p>
Pages	<p>They discussed the value living documents - on average each goes through 6 revisions and 60 views.</p> <p>Pages supports 80 different media types, also live links from JRIA and live data feeds from other data sources. In addition, collaborative editing now available (like Google docs) - available now in cloud, will be coming for on prem within the next month.</p>

	Pages now has batched email notifications
Deployment Flexibility	<p>Native support for AWS is now released. They're making it easier to create an environment in 5 minutes in AWS. It is fully up and running.</p> <p>You can now take advantage of AWS auto scaling by adjusting capacity in line with usage so you do not have to pay too much.</p> <p>AWS is so excited, they wanted to make it even easier to adopt. If you evaluate Data Center on AWS, they'll give you \$1200 in AWS credits for free. This basically makes it free to get started with Data Center on AWS.\</p>
Authentication Enhancements	You want to provide secure SSO - they're now going to support SAML 2.0 for data center applications. You can use the provider of choice to provide SSO across the entire Atlassian stack and across other applications too.
Performance at Scale	<p>They're shooting for zero downtime upgrades - this can be done now by upgareding each HA node one at a time. This means you can do an upgrade during the work week where it belongs. Their goal - no upgrades on weekends!</p> <p>Will also be deploying Hip Chat for Data Center</p>

Four Upcoming Conferences

Cloud Expo in Silicon Valley, CA

November 1st – 3rd

Cloud Expo is the only show where delegates and technology vendors can meet to experience and discuss the entire world of the cloud. Areas of emphasis include: Cloud Computing, IoT, Big Data, Containers, Microservices, DevOps, WebRTC and Digital Transformation.

Cloud Expo offers a vast selection technical and strategic Industry Keynotes, General Sessions, Breakout Sessions, and signature Power Panels. The exhibition floor features 100+ exhibitors offering specific solutions and comprehensive strategies. The floor also features a Demo Theater that give delegates the opportunity to get even closer to the technology they want to see and the people who offer it.

Click on the following link for the full conference schedule:

<http://www.cloudcomputingexpo.com/event/schedule>

Four Upcoming Conferences (continued)

DevOps Enterprise Summit in San Francisco, CA

November 7th - 9th

DevOps Enterprise Summit is the premier conference for the leaders of large, complex organizations implementing DevOps principles and practices. The event programming emphasizes both evolving technical and architectural practices and the methods needed to lead widespread change efforts in large organizations. The goal is to give leaders the tools and practices they need to develop and deploy software faster and to win in the marketplace. Click on the following link for the full conference schedule:

<http://events.itrevolution.com/us/schedule/>

WebSummit in Lisbon, Portugal

November 7th – 10th

More than 50,000 tech CEOs, founders, startups, investors and political leaders are expected to attend this year's WebSummit. Each of these leaders who are driving change across the world will come together to find answers to the questions posed by the tech revolution we're living through. Click on the following link for the full conference schedule:

<https://websummit.net/schedule>

Agile Development East in Orlando, Florida

November 13th – 18th

Agile Development East is an event where attendees learn the latest in Agile methods, technologies, tools and leadership principles. Whether you are new or experienced these hands-on, in-depth workshops will cover the full experience spectrum. Plus, Agile Dev East is held in conjunction with Better Software and DevOps East, allowing you to choose from distinct programs: Development, Testing, Requirements, Metrics, Process Improvement, Leadership, Lean and Kanban and Enterprise. Click on the following link for the full conference schedule: Agile Dev East

Partner News Round-Up

HCL and IBM Enter a 15-Year Partnership for Support and Services for ClearCase, ClearQuest, Rational Rose and Rational Software Architect

In September HCL and IBM entered into a 15-year partnership to build industry-leading future product roadmaps for Tivoli Workload Scheduler, Rational Testing, Rational Change & Configuration Management (ClearCase and ClearQuest), and Rational Modeling & Construction (Rational Rose, Rational Software Architect and Rational Application Developer) software for on-premises, hybrid and public cloud and software as a service (SaaS) platforms. This gives a new 15-year outlook for these products.

Clients who are using the above products will continue to engage with IBM as the primary partner. HCL has licensed IBM technology and will build additional features and functionalities based on business realities and client priorities. Both companies will work to grow the market for these products. This partnership will enable the two companies to focus their technical teams on native cloud and cognitive solutions, as well as industry-specific opportunities. Both companies have enjoyed a longstanding and successful partnership across technology, software, services, and most recently, IBM Bluemix cloud platform services. Together, they will now continue to advance and cloud-enable existing software, which is essential to the long-term success of their shared client base.

<http://www.hcltech.com/features/partnership-growth-and-innovation>

Updates Released for GitHub Enterprise 2.7.5, 2.6.10, 2.5.15, 2.4.18, 2.3.22

The 2.7.5, 2.6.10, 2.5.15, 2.4.18 and 2.3.22 releases for GitHub Enterprise are now available for download from <https://enterprise.github.com/releases>. The full release notes are available at:

- <https://enterprise.github.com/releases/2.7.5/notes>
- <https://enterprise.github.com/releases/2.6.10/notes>
- <https://enterprise.github.com/releases/2.5.15/notes>
- <https://enterprise.github.com/releases/2.4.18/notes>
- <https://enterprise.github.com/releases/2.3.22/notes>

Partner News Round-Up

DevOps at Atlassian: Expanding the Culture of DevOps through Support

Join Gene Kim and Atlassian as we discuss how recent industry surveys, as well as Atlassian's own experience, shed light on issues companies of all sizes and industries face as they adopt DevOps principles across all teams.

<https://www.atlassian.com/webinars/it/devops-at-atlassian>

On October 25th GitLab released version 8.13.1 for GitLab Community Edition (CE) and Enterprise Edition (EE).

This new version resolves a number of regressions and bugs found in the recent 8.13 release. For more specifics please follow the link <https://about.gitlab.com/2016/10/25/gitlab-8-dot-13-dot-1-released/>

Atlassian Announces Three New Data Center Capabilities and a New Data Center Product

Two years ago, Atlassian introduced the Data Center editions of JIRA Software, Bitbucket, Confluence, and JIRA Service Desk, providing a self-hosted deployment option focused on helping customers scale mission-critical Atlassian applications across their organization. This month Atlassian deepened their investments in Data Center products and announced new capabilities that enable teams to address their growing needs for deployment flexibility, authentication, control, high availability and performance. And they added a new product to the Data Center family. The table below summarizes these product improvements and the new product offering. You may also click on the following link for greater detail: <http://blogs.atlassian.com/2016/10/4-atlassian-enterprise-announcements/>

Atlassian Data Center Capabilities

Deployment Flexibility with AWS

We want to make managing and deploying Data Center easy, in the environment of your choice. Today, we're announcing a collaboration with Amazon's Web Services (AWS) to give customers the full power of Amazon's hosting capabilities while helping them minimize infrastructure configurations and costs. We've worked with AWS to develop Quick Start guides powered by AWS CloudFormation templates for Atlassian so that customers can deploy their Data Center cluster in a few minutes, including load balancers, databases and all the connectivity needed. These guides include configuration steps and best practices so that teams can take advantage of AWS's elastic capabilities like auto-scaling and instant provisioning. These capabilities let you easily scale Data Center to meet growing demand. Need to bring on more teams? No problem. With AWS you can automatically scale your environment as user load changes without any disruption to work or manual intervention by administrators.

SAML 2.0 Single-Sign-on for Data Center

Many organizations are turning to SAML for secure and single-sign-on (SSO) across the products their teams use every day. Organizations choose Data Center because their Atlassian applications are mission critical and central to their productivity, and enabling easy access across all their applications is essential for many of our customers.

With SAML 2.0 support for Atlassian Data Center products, admins can specify a SAML provider to manage user authentication. We support popular identity management providers, including: Okta, OneLogin, Azure, Active Directory (ADFS), Bitium and PingOne, with more coming soon. Users now have fewer passwords to remember and admins have fewer password reset tickets to complete – it's a win / win for everyone. Plus, applying SAML configurations can be done in just a few simple steps.

Zero Downtime Upgrades for JIRA Software Data Center **COMING SOON**

With Data Center offerings we've eliminated unplanned downtime through active-active clustering and disaster recovery. But what about planned downtime for application upgrades and maintenance? For global organizations with teams working around the clock, finding time for planned downtime that doesn't interrupt your teams' productivity can be nearly impossible, which is why many administrators schedule upgrades and maintenance at night or on weekends. No longer. Soon, you'll be able to manage the entire JIRA Software Data Center upgrade process more frequently and give your teams the latest and greatest version of JIRA Software.

With zero downtime upgrades for JIRA Software Data Center, upgrade one node at a time without taking down the cluster. In addition, we have exposed more monitoring data around cluster health and status to help deliver a smooth uninterrupted upgrade. Upgrading without downtime means that you can upgrade more often to get the latest security patches, bug fixes, and of course, new features into the hands of your teams faster.

HipChat Data Center beta

With HipChat, your teams can collaborate in real-time, around the globe through 1:1 and group messaging to keep everyone on the same page and can escalate issues as needed. HipChat quickly becomes embedded in a company's culture making it a critical part of how teams function. Today, we're officially announcing a [beta for HipChat Data Center](#), so you can deliver real-time collaboration to your teams on your own infrastructure at scale.

Customers will soon be able to deploy our on-premise version of HipChat to every user in their business, with the confidence they require for uptime and performance. Follow the above link to [Sign up](#) for the beta today!

Electric Cloud Shares Enterprise, Microservices and IoT Expertise at Six Industry Events in November

If you are unable to attend the four November conferences in person we recommend the following live video podcasts where representatives from Electric Cloud will discuss the latest trends in DevOps, as well as best practices for implementing Docker and microservices at scale, release automation techniques and database deployment strategies. The table below summarizes the Electric Cloud conference presentations. All links can be found at <http://electric-cloud.com/company/news/press-releases/item/electric-cloud-share-devops-enterprise-microservices-iot-expertise-six-industry-events-november/>

Tuesday, Nov. 1, 2016 at 10 a.m. PT

This special episode of Continuous Discussions (#c9d9) is a live video podcast featuring Electric Cloud customers that will present at the DevOps Enterprise Summit (DOES16), taking place November 7-9 in San Francisco. The episode will include representatives from Quicken Loans, HPE, Intel, Urban Science, Bluware, and partner Stratus Solutions.

Thursday, Nov. 3 at 5 p.m. PT

At CloudExpo 2CTO Anders Wallgren will present "Challenges of Software Delivery for Connected Devices." Wallgren will review some of the challenges associated with IoT software development and share tips and best practices used by IoT developers to streamline and accelerate their product design, development, test and manufacturing.

Monday – Wednesday, Nov. 7 – Nov. 9 (see above link for exact presentation times and speakers.)

Seven Electric Cloud speakers will lead eight sessions at DevOps Enterprise Summit 2016. They will emphasize both evolving technical and architectural practices and the methods needed to lead widespread change efforts in large organizations. Topics will range from Docker and Microservices at scale, scaling DevOps in the enterprise, continuous delivery for databases, advanced patterns with ElectricFlow, DevOps Dashboards, future trends in DevOps, and more...

Thursday, Nov. 10 at 2:45 p.m. WEST

CEO Steve Brodie will speak on the “The Future of DevOps : Trends & Predictions” panel at WebSummit in Lisbon, Portugal. More than 50,000 tech CEOs, founders, startups, investors and political leaders are expected to attend this year’s WebSummit. Each of these leaders who are driving change across the world will come together to find answers to the questions posed by the tech revolution we’re living through. Steve Brodie will participate in a panel discussion with Sid Sijbrandij, co-founder and CEO of GitLab, discussing DevOps Trends and predictions.

Thursday, Nov. 17, 10 a.m. EST

Anders Wallgren will present “Continuous Delivery of Microservices: Patterns and Processes” at Agile Dev East. Wallgren will discuss modern requirements for creating, deploying, and managing multiple microservices—both independently and as a collection—to satisfy end user requirements and allow for Continuous Delivery.

Tuesday, Nov. 22, 2016 at 10 a.m. PT

Live Video Podcast: Continuous Discussions (#c9d9) Episode 57: Docker and DevOps. On this #c9d9, join a lively discussion between industry experts who offer their thoughts on Docker and DevOps, including tips and best practices for orchestrating Docker at scale.

The Puzzler

Congratulations to Kevin M. for winning the October Puzzler contest! Kevin will receive a \$27 gift card for his ninja intellect and problem solving skills. A big shout out to Kevin! Email puzzler@releaseteam.com to claim your \$27 gift card!

And now for the November Puzzler ...

What word will a spell checker spell incorrectly?

Here was last month's question:

Use the clues to determine the full name of each friend, their home city, and each one's profession.

Cindy Forest, DevOps Guru, Chicago

Dan Richards, Cloud Expert, St. Louis

Jane Trent, Continuous Deployment Architect, San Diego

Mark Cross, Git Mentor, Atlanta

Tom Smith, Continuous Integration Consultant, Baltimore

Please send your answer to puzzler@releaseteam.com and we will randomly pick a winner from all the correct answers. The winner will receive a \$27 gift card. If you have a brilliant puzzler recommendation we would love to use it. Please send your recommendations to the above email address.

Enjoy the month of November! And again thank you for being a part of our DevOps community.