**What is Stash(Atlassian)?**

Stash is simply a web application or web app.

Say your company decides to use Git. There are a number of setups which you can adopt with Git, but the most common setup is to have one central Git repo off which all your hackers clone their copies of the Git repos and push their changes to.

So where do you set up this central Git repo? Here are a few options:

1. Take one hacker of yours and make his computer the remote Git repo- ha that's like using your personal computer as a web server. Not sustainable and not recommended.

2. Take one of your company servers and make this the location for your Remote Git repos.

3. Use services like Github or Bitbucket for hosting your remote Git repos.

4. Host it on a shared network drive.

Say, you don't want to use Github or Bitbucket but you want to have the cool features such as Pull requests, provided by those services, what do you do?

Stash is the solution to that. Right, assuming you go with option 2 and use one of your always on servers to host your remote Git repos.

Then you'd put your remote Git repositories on one of your company servers which all your developers can access. Now let's hope this is within your company firewall and only your company developers can access these repos.

Now, these repos are just folders on your remote servers, and anyone from your company can access these, and you may not want that. Further, there's no mechanism for setting up a feature like pull requests.

So, I think these are the essential features of Stash:

1. User access control through link up with the company's ADFS or Active Directory Federation Services.

2. Ability to create pull requests and have other developers review your code before you merge it onto a common branch. And this really is the coolest part of Stash, especially when you have newer people joining your team who might not be familiar with the conventions and standards of your team. You can comment in place and carry out conversations right there in the code.

How does Stash work?

So, I think we can view Stash as a web app with 3 core components to it: 1. User access control 2. Pull requests and 3. a remote Git server. And the 3rd part is the most essential or basic component of Stash. Using this component we set up new repositories and projects through Stash on our remote server.

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