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| Document | Infra improvements |
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| Readership | Infra/devops engineers |
| Summary | Possible options to improve our existing infra |
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1. Use of tools like password safe to store our passwords and keep them in Git in encrypted mode for shared credentials. You can download this file and append your personal credentials to use locally.
2. Use of a controller machine or bastian server as first point of access. Instead of copying the users keys to individual servers and creating user accounts, we can configure a common account in our machines while bootstrapping [ex: ec2-user] and then allow users or user groups to sudo to that account.
3. We don’t have a single server deployment script. For example, a Jenkins job is calling new-server project as sub project before the actual server build playbook. We don’t have a single script to provision the server.
4. We are not using the LVM option in our machines. I would recommend using LVM setup and expanding the PVs after adding a new disk instead of deleting an existing partition and resizing it.
5. It would be helpful if we create a benchmark job in Jenkins to run before and after any infra changes so that we will have a visibility on impact of changes we are introducing to the platform.