

Goals, testing, and success:

I believe that we had pretty clear goals from the get-go; be able to create user accounts in a partially automated way that replicated the end result of the project from week 5. Upon running our script, we have successfully been able to output an identical recreation of the init.pp file we already had for our Puppet servers. So in that way, I believe our goals were met.

Effect on users and potential issues:

Ideally, the resulting effect on the user population would be the ability to actually log into whatever servers the script is run on. Any issues that may be raised would be because of a miscommunication between the system administrator and the user regarding either username or ssh key.

Security Issues:

One security issue that is relevant is users having access they shouldn't or not enough access. We have addressed that by making the default operation of adding users make anybody added have minimal amounts of access, just enough to function on the system. Furthermore, we have added the ability for the system administrator to run the script on a list of users deemed to be other admins. As seen in our code, this feature can easily be extrapolated to accommodate additional access groups if need be.

Work needed, maintenance, and potential automation:

Seeing as the script itself is created for the purpose of easy installation and maintenance, we feel as that portion is adequately covered. To adapt for future use, we have made sure to outline in our README the version numbers for python and puppet needed to run our script. With the script being available to the open source community, should this tool need to be updated, anyone would be able to make a pull request.

Project Documentation, Sys-admin work, and user work:

Outlined in our README, we have made sure to make it clear on the operations of our script so that it will get run correctly by the system administrator.