Terraform

* If the VM isn’t booting correctly Terraform won’t be able to find the QEMU guest agent so it will create an infinite loop waiting for the guest agent to become available. Make sure the VM configurations match the template as closely as possible to avoid this issue.
* Terraform has a lot of commands that are deprecated and won’t work so reference the official GitHub and other up to date GitHub pages for the current style.
* Referencing IP addresses from null\_resources has been difficult, it’s probably a good idea to not try and do any scripting directly through Terraform but I could be missing some information there wasn’t a lot out there to compare.

Ansible

* WinRM is the only way I’d use to access windows.
* Ansible needs to reference target VM’s by IP address so there needs to be some way to get the IP’s of the correct VM’s. I don’t think you can get them from the host node so what I’m thinking is you can get Terraform to append the current IP it’s setting up to a file then you can export that file to Ansible.

Packer

* There was a random corruption of the source template when creating a golden image from windows. I assume there was some configuration issue in my setup but still it shouldn’t have any effect on the source template.