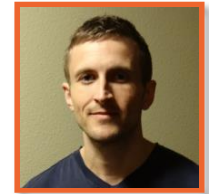
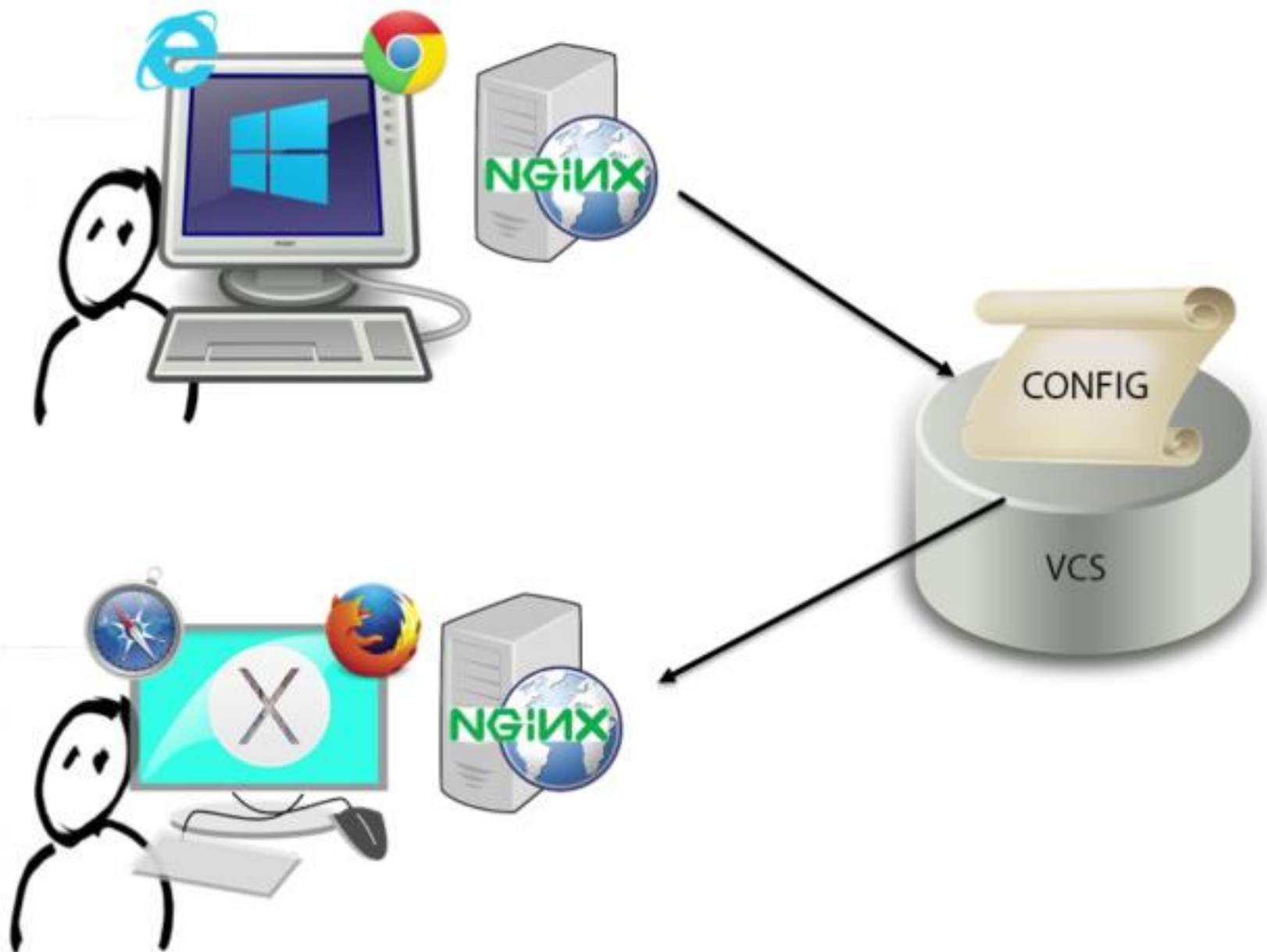


Web Development Environment and Vagrant Fundamentals

Wes McClure
wesmcclure.com



pluralsight 
hardcore dev and IT training



Provisioning

- **Only on first vagrant up**
- **Why?**
 - Environments don't change often
 - Time consuming
 - Idempotent
- **Manually trigger w/ vagrant provision**

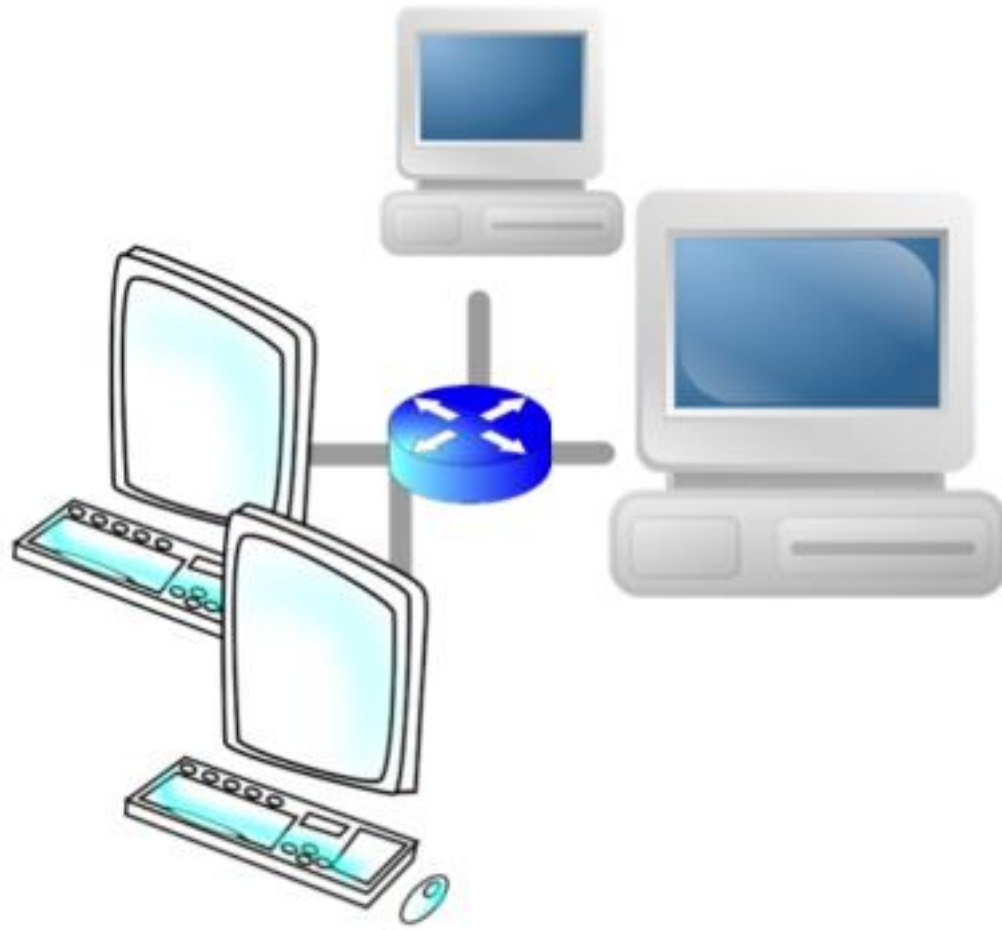
Benefits of Automated Provisioning

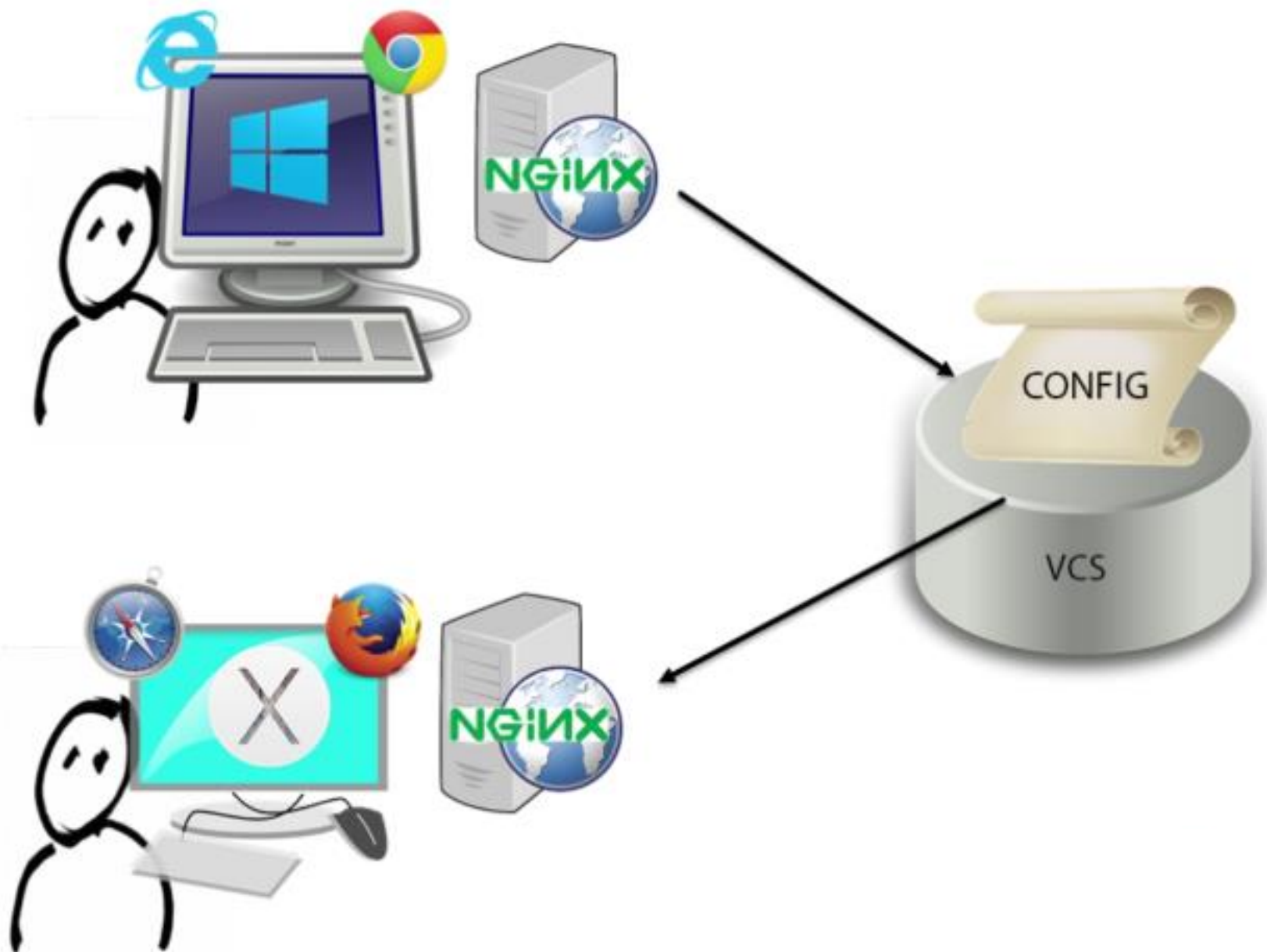
- **Knowledge retention**
- **Easily recreate environments**
- **Testable configuration**
- **History of changes**
- **Rollback**

Shell Provisioning Tips

- Avoid manual changes
- Commit incrementally – take small steps
- Revert if stuck
- Destroy/recreate before checking in
- Use smoke tests
- Try idempotent scripts

Public Networks







Firewalls?

Public network?

Internet access?

Screen share?



Additional Security Considerations

- Terminate shares Ctrl + C
- Shares expire
- Share history on <https://vagrantcloud.com/shares>
- Vagrant connect uses TLS
- Public http not secured
- Secure ports before sharing

Further Exploration

- Idempotent shell script
- Tinker with nginx
- sendfile <http://wiki.nginx.org/Pitfalls>
- Swap in apache
- Environment validation scripts