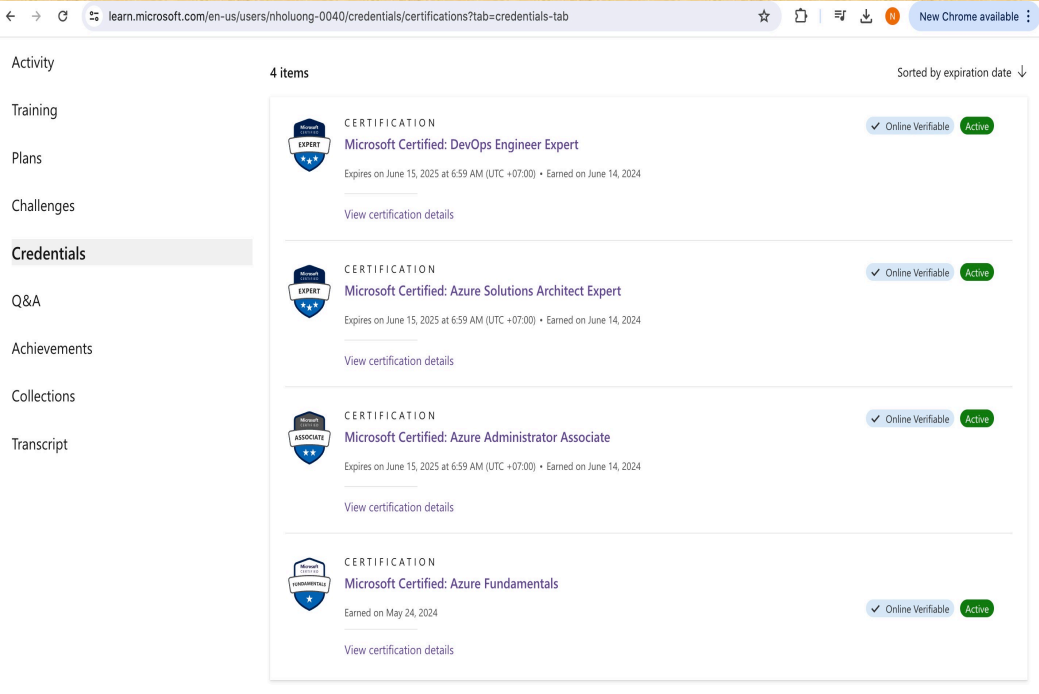
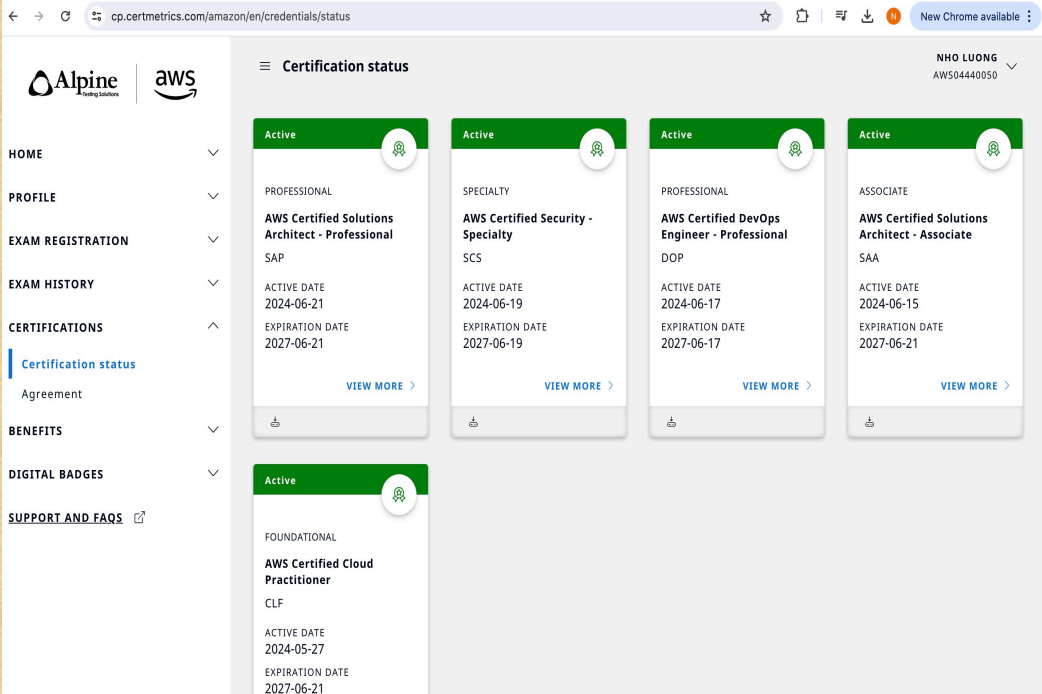
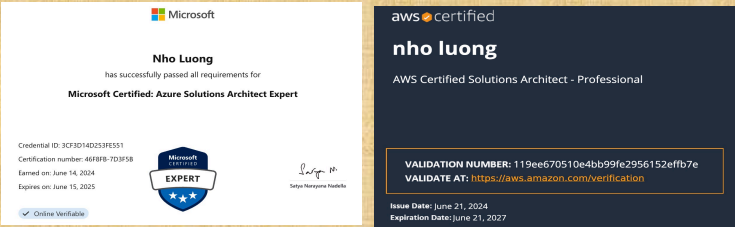
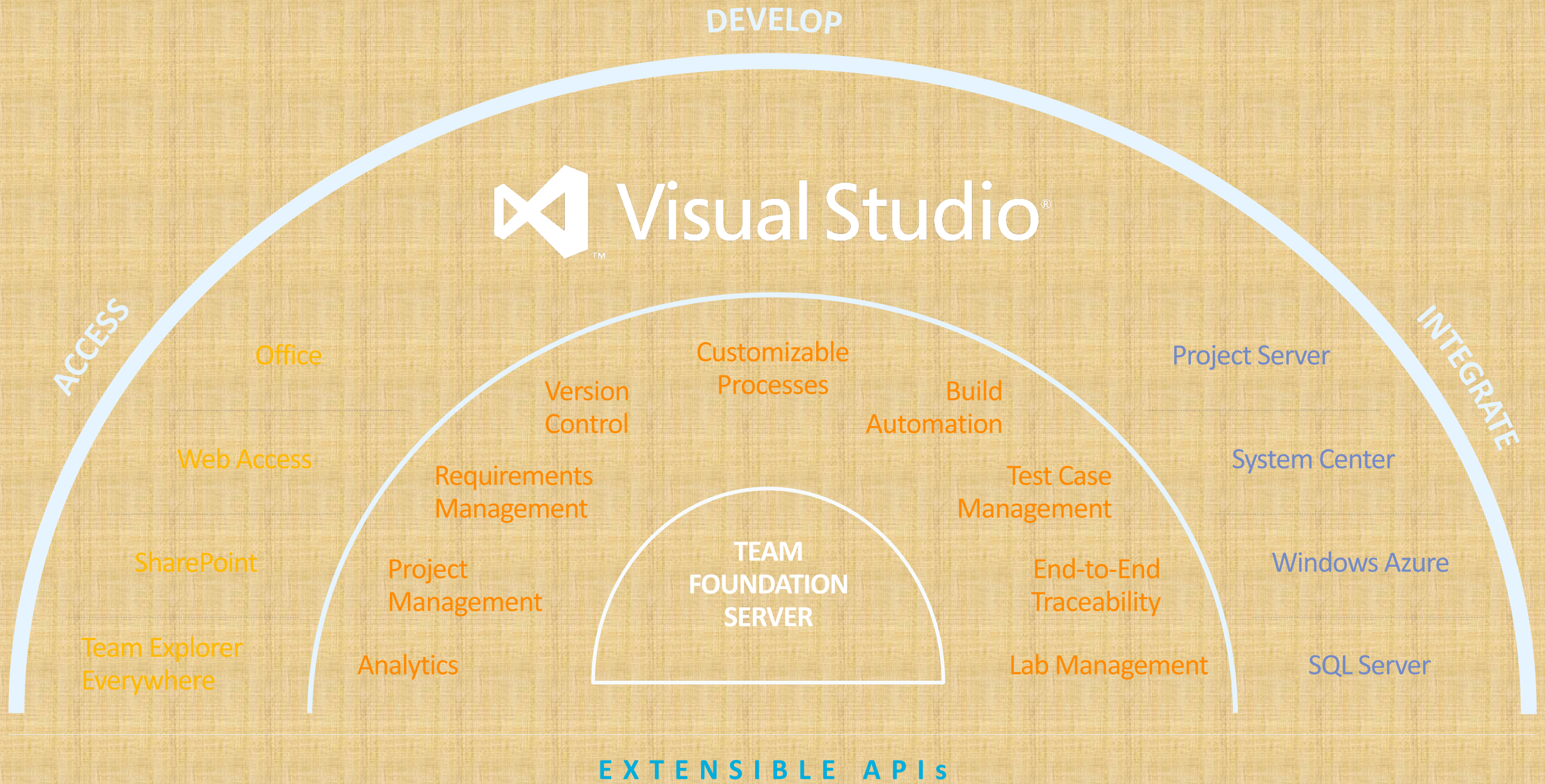


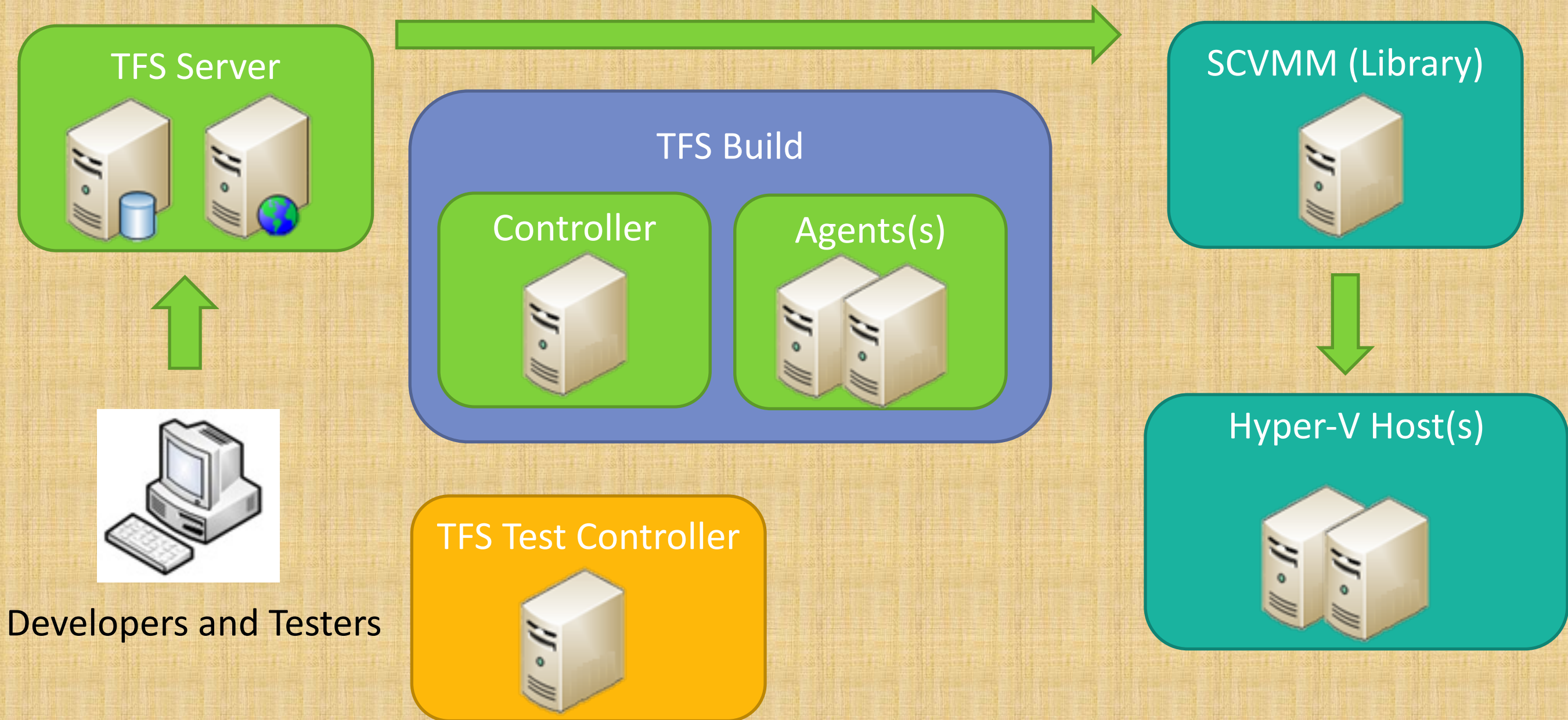
# Tips for Visual Studio Lab Management

Author: Nho Luong  
Skill: DevOps Engineer Lead

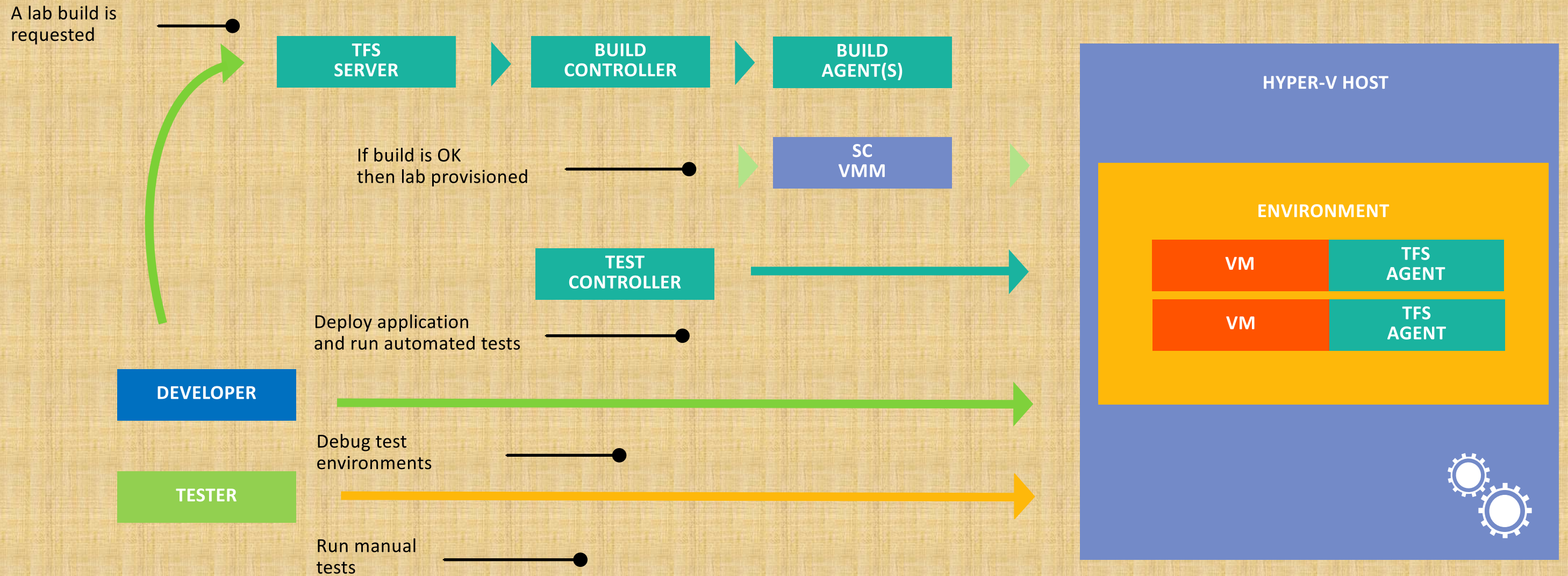




# SC-VMM Lab Management Architecture

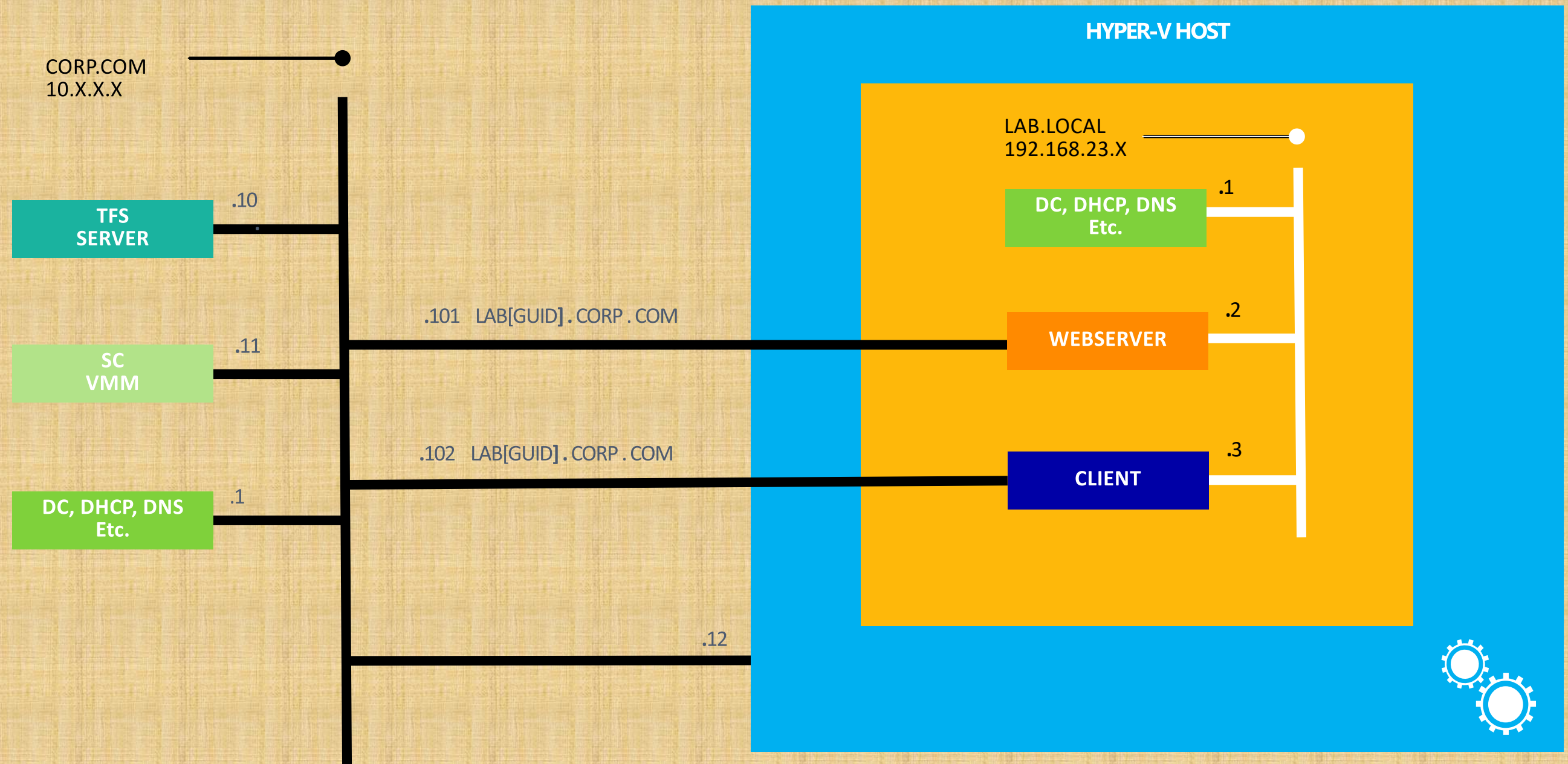


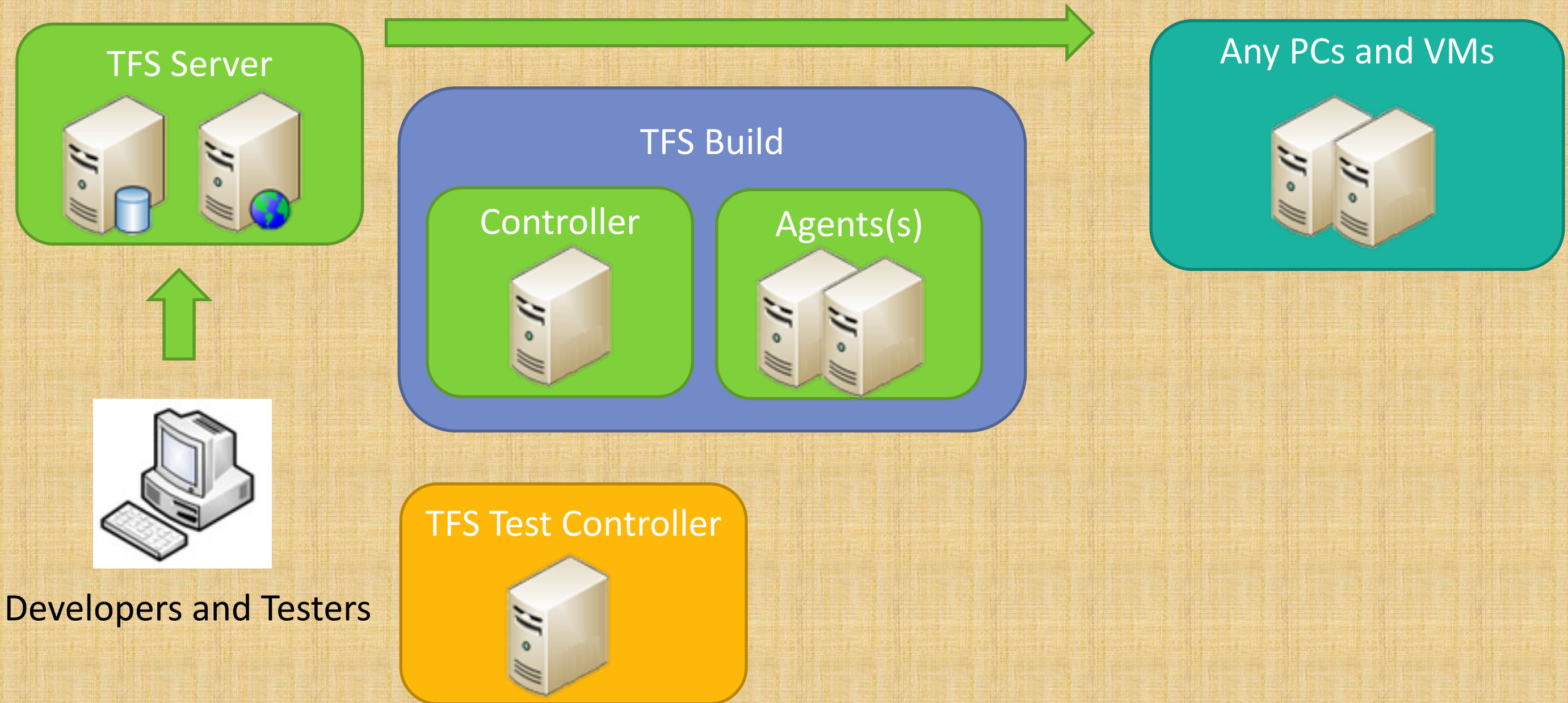
# Lab Deployment – SC-VMM



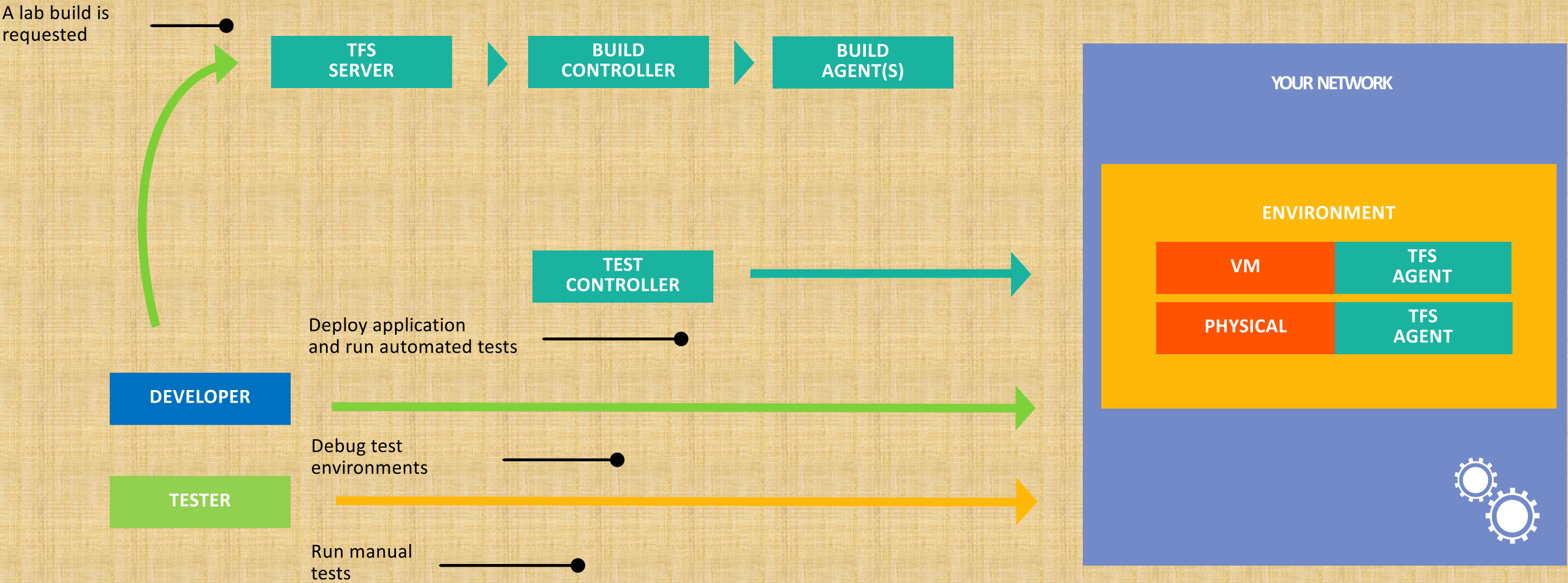


# What is Network Isolation?





# Lab Deployment – Standard



# Tips

- You are probably licensed for Lab Management
- Invest in good hardware for VM Hosts
- Look at the ALM Rangers VM Factory as a way to create VMs
- If you wish to use Templates you have to set properties via SC-VMM 2012 now, can't be done in MTM anymore
- VM & Lab Environments are bound to Team Projects, you can move them but it is awkward



# Tips

- **Don't** create labs directly in the SC-VMM library
  - Build your VMs and domains first
  - Store them in the SCVMM library as VMs
  - Build your network isolated environments from these
  - Only when all is working store the whole environment in the library

# Tips

- Important to consider governance
- Think about dedicated host groups to separate the Lab Management from other VMs
- Don't try to be clever, and be patient
- Don't tinker in SCVMM let Lab Management automation do the work if possible (but you will need to tinker!)
- Remember even if you don't have Hyper-V you can still run standard environments



Thank You