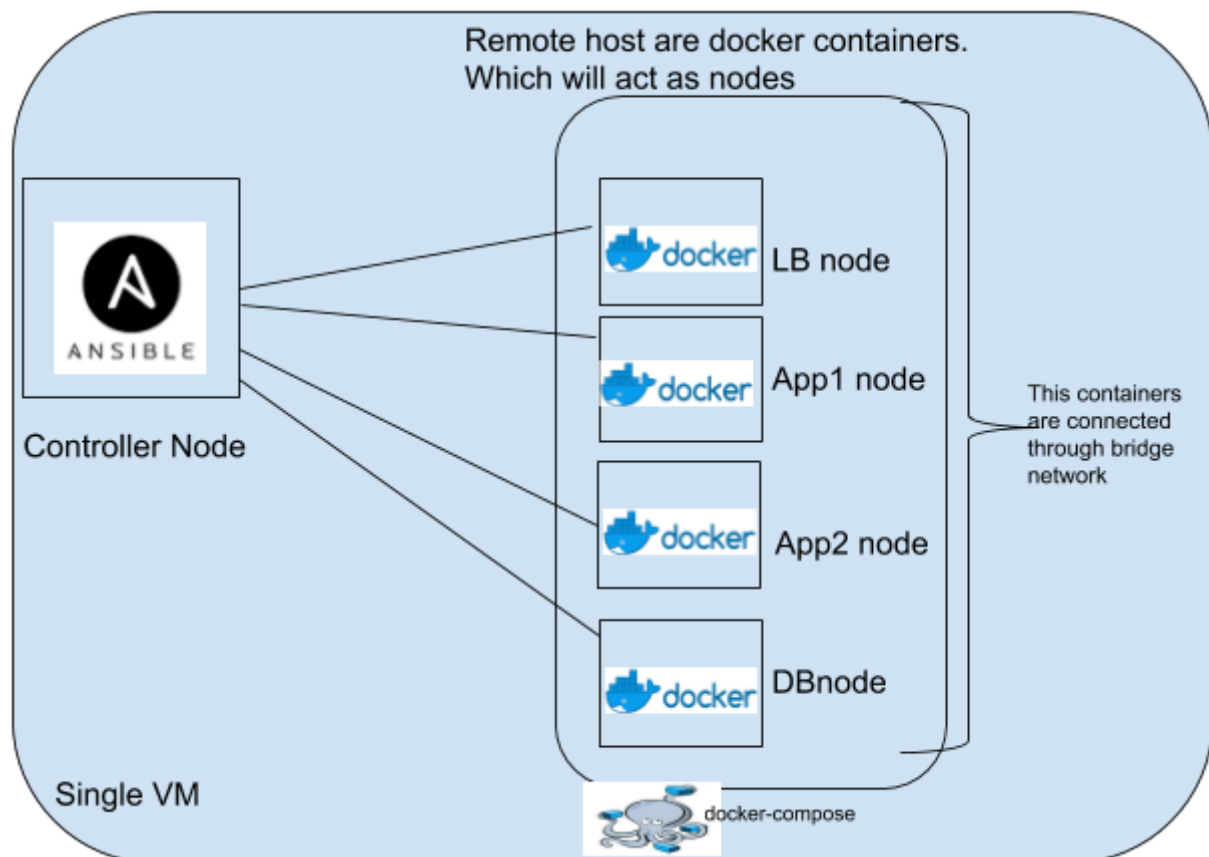


## Ansible Architecture of Sample Project



### Key Activities to Step up above Architecture.

- Bring up the nodes via docker-compose
- Established the ssh trust between Controller-Node and the Remote Nodes.
- Assign static ip and the hostname to all the nodes via the docker-compose so that it can boot up with same ip every time
- Create a common user with sudoer access so that we can ssh to the nodes with that user and install the packages(i.e. Install by root user only) into the node when triggered via Ansible.

### Use cases for how to implement and use Ansible with various modules

- Create the Inventories for each project
- Install the below through Ansible.
  - Users
  - apache
  - Ntp, tree
  - Php
  - php-mysql
- Create the Inventories, playbook, roles, to install the php and apache in the app node
- Create Roles such as apache,php, fortend etc

## Ansible Architecture of Sample Project

- The “**frontend**” role is for deploying the release code from the github and make the code available in the 2 app nodes.
- The “**apache**” role is used for installing the apache on both the app nodes.
- The “**php**” role is used for installing the php and php-mysql services on both the app nodes and restart the apache service in the nodes after the installation finish.