Create an outline that lists the installation and configuration process for an Apache web server(s) with the following kinds of information (add to this list as needed):

- Uses SSH

- Logs in to the remote system as 'test' user

- Connects to one server or group from Step #2 above

- Creates a list of 'things we need to know' (variables)

- List of 'things that need to be done' (tasks)

- How do we test (tasks, handlers and/or debug statements)

[test@tcox3 usecases]$ vim mywebserver.txt

[test@tcox3 usecases]$ cat mywebserver.txt

- Build an Apache Web Server

- Deploy the webserver with the ansible user

- Ansible user needs sudo

- Connection type ssh rather than paramiko

- Leave gathering of facts on

- Info Needed:

  - apache web server package name

  - distribution running on

  - apache version

  - need the web server directory customized

  - what is the site name

- What needs to be done

  - install the apache web server on the remote system(s)

  - create the web server directory

  - web server directory has proper ownership

  - configuration of apache

    - copy the http configuration file

    - set up the vhost directory

    - add any ssl keys if needed

    - add the vhost template for the default site

  - copy the site code to the new directory

  - start the apache service

  - add/enable any modules needed

    - mysql/mariadb

    - ssl

    - mod/rewrite

  - restart the apache service (or move the start to here)

- Test

  - using lynx or telnet, test that the web service is running

    - waitfor port 80 to be listening

  - register output for the service status as JSON on the completion of the playbook