**Lecture: Creating an NFS Server Deployment - Outline**

Now that we have spent a lot of time on Playbooks and Roles, let's create some Use Cases and step through: 1. Creating an outline of what we want to do and how to do it 2. Translate it to an Ansible Playbook 3. Break it apart into an Ansible Role

### How do you feel about this video?

Create an outline that lists the installation and configuration process for a NFS server 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 mynfsserver.txt

[test@tcox3 usecases]$ cat mynfsserver.txt

- installing and configuring an NFS static content server for web use

- installation and configuration done with the ansible user

- the ansible user needs to be sudo

- gathering facts on

- connection based on ssh

- what do we need to know?

  - distribution of the system deploying on

  - the NFS server and client package names

  - path to the shared file space

  - the server/group we are installing NFS on

- what do we need to do / install?

  - install the NFS server/client and utilities

  - export the shared directory (/etc/exports)

  - add our LA lab network (internal)

  - configure the filesystem export for read/write on known networks

    - disable any unknown network or user connectivity

  - start the NFS service

  - cron job to backup the filesystem

  - NFS client installs? - common role

    - NFS Client /etc/fstab configuration to mount the share on boot...?

- test

  - capture the NFS server service status as a JSON output and register the result

## Lecture: Creating an NFS Server Deployment - Playbook First Pass





