Challenge: OPNFV PDF to Airship Manifest Transformation

Challenge Outline & Goals

- OPNFV uses PDF to specific POD Descriptor File
- Airship does not use PDF; instead it uses a “treasure map” manifest file that’s a combination of PDF + SDF (Scenario Descriptor File)
- Discussion around creating a PDF to Airship Manifest 1.0 converter
- Discussion around expanding to scope to potentially replacing PDF with the new format

Attendees

1. Mark Shostak
2. Daniel Balsiger
3. Al Morton

Resources

Notes, etc.

- TBD

Treasuremap Files

When looking shortly at treasuremap I see at least those files affected, i.e. containing information which is in OPNFV PDF (it is not a complete list):

```
site/${your_site}/profiles/hardware/${your_bm_node_type}.yaml
site/${your_site}/baremetal/nodes.yaml
site/${your_site}/networks/common-addresses.yaml
site/${your_site}/networks/physical/networks.yaml
site/${your_site}/profiles/host/compute.yaml
site/${your_site}/secrets/passphrases/ipmi_admin_password.yaml
```

Team, Here is a link to the actual manifest files used to deploy various pods in the Intel lab: https://github.com/opnfv/airship/tree/master/site

This is the OPNFV deployment guide for Airship, and is focused on deploying in the pods in the Intel lab: https://wiki.opnfv.org/display/AIR/Airship+Installer+Deployment+Guide

Here are the generic treasuremaps, released every few months (1.6 is the latest at the time of writing): https://github.com/airshipit/treasuremap/releases

Machine generated PDF from UNH:

sample_pdf_from_UNH.yaml