Cluster Creation & Upgrades

Manual Cluster Creation

Create the cluster manually from a set of CVM IPs

```
cluster -s x.x.x.x,x.x.x.x,x.x.x.x create
```

Restart Genesis on all hosts (e.g. after imaging/creation issues)

```
cluster restart_genesis
```

Create 2-Node-Cluster

```
cluster -s node1_cvm_ip,node2_cvm_ip --cluster_function_list=two_node_cluster create
```

1-Click Hypervisor Upgrade

Enable/disable automatic install of the downloaded hypervisor during a 1-click upgrade

```
cluster --host_upgrade enable_auto_install
cluster --host_upgrade disable_auto_install
```

AOS Upgrade

Check current host/AOS upgrade status

```
host_upgrade -s
```

Directory where downloaded upgrade packages (AOS, AHV, ...) land

```
/home/nutanix/software_downloads
```

Manually push an AOS upgrade to another CVM (run from the CVM that already has the new AOS version)

```
/home/nutanix/cluster/bin/cluster -u <new_node_cvm_ip> upgrade_node
```

Watch which node is currently being upgraded

```
while [ true ] ; do upgrade_status ; sleep 1 ; done
```

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