**DISTRIBUTED RESOURCE SCHEDULER:**

* Continuously monitor utilization across v-sphere servers
* Intelligently allocate resources to virtual machines according to business needs
* **Enabling DRS:**
  + vCenter>Cluster>Manage>vSphere DRS>Edit>ON (checkbox)
  + Once DRS is enabled, we can check it out:
  + vCenter>Cluster>Summary

**HIGH AVAILABILITY:**

* Provide easy to use, cost effective High Availability for applications running in virtual machines
* In the event of physical server failure, effected virtual machines automatically restarted on another server with spare capacity
* In case of guest OS failure, HA restarts the effected virtual machine on the same physical server
* vCenter>Cluster>Manage>vSphere HA>edit>”enable it” (checkbox)

**MIGRATING VMs ACROSS HOSTS AND STORAGE:**

* Right click on the VM you want to migrate > Migrate > change Host (change datastore/change both host and datastore) > select the destination resource > reserve CPU for optimal vMotion performance (we keep the default settings and hit finish)
* Right click on the VM you want to migrate > Migrate > change datastore> select the destination datastore >finsih