vCSA **Core Services VAMI** (Virtual Appliance ManagementInfrastructure) NGC (Next Generation Client) SSO (Single Sign On) LS (Lookup Service) IS (Inventory Service) **MARVIN Engine** (Modular Automated Rackable Virtual Infrastructure Node) **VPXD** (vCenter & Supporting Services) **vPostgres** (Shared by VPXD, MARVIN Engine & SSO)

MARVIN Engine operating externally from vCSA (remote mode)

