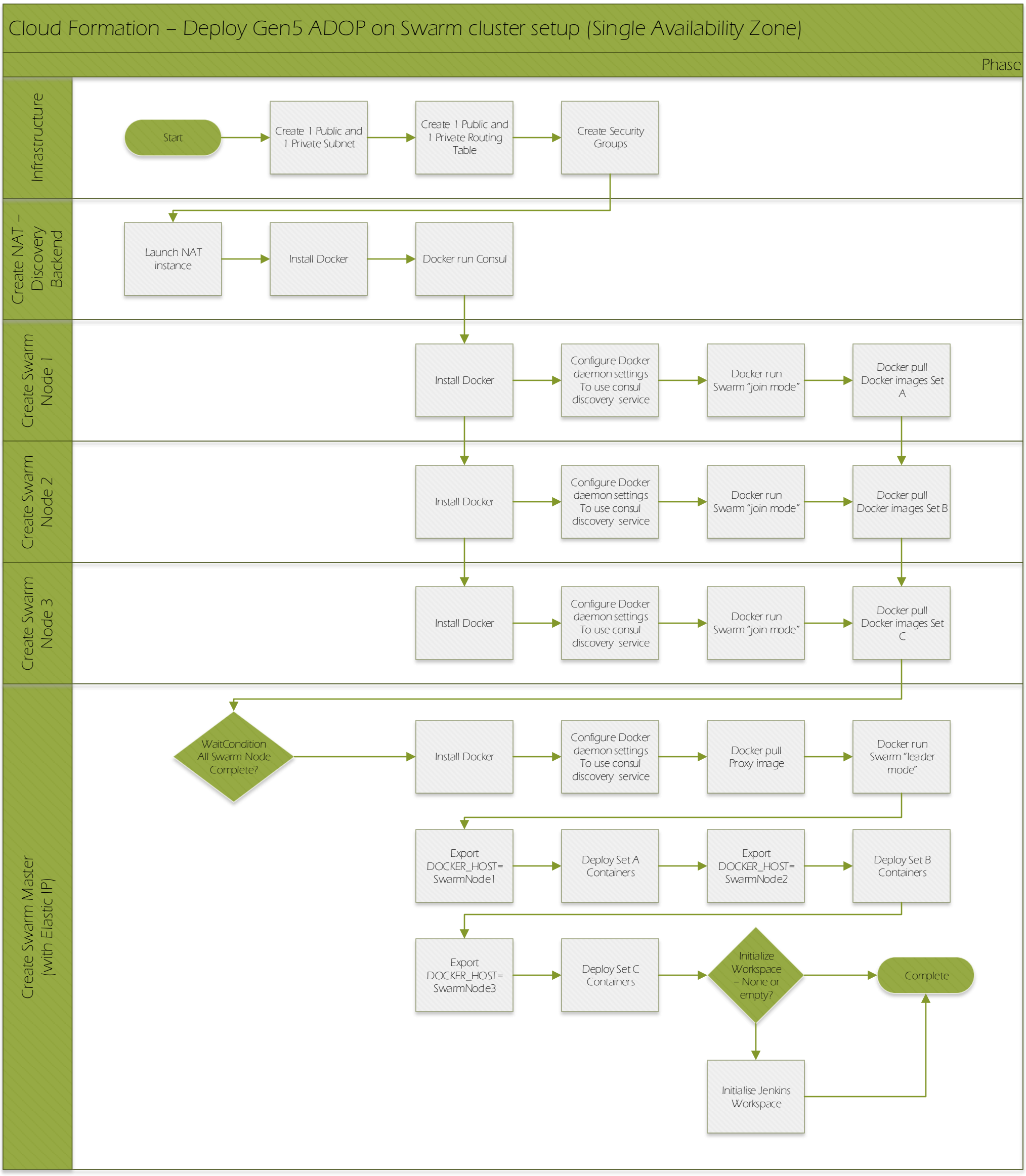
Cloud Formation – Deploy Gen5 ADOP on Swarm cluster setup (Single Availability Zone)
Phase
Infrastructure
Start
Create 1 Public and 1 Private Subnet
Create 1 Public and 1 Private Routing Table
Create Security Groups
Create NAT – Discovery Backend
Launch NAT instance
Install Docker
Docker run Consul
Create Swarm Node 1
Install Docker
Configure Docker daemon settings To use consul discovery service
Docker run Swarm "join mode"
Docker pull Docker images Set A
Create Swarm Node 2
Install Docker
Configure Docker daemon settings To use consul discovery service
Docker run Swarm "join mode"
Docker pull Docker images Set B
Create Swarm Node 3
Install Docker
Configure Docker daemon settings To use consul discovery service
Docker run Swarm "join mode"
Docker pull Docker images Set C
Create Swarm Master (with Elastic IP)
WaitCondition All Swarm Node Complete?
Install Docker
Configure Docker daemon settings To use consul discovery service
Docker pull Proxy image
Docker run Swarm "leader mode"
Export DOCKER_HOST= SwarmNode1
Deploy Set A Containers
Export DOCKER_HOST= SwarmNode2
Deploy Set B Containers
Export DOCKER_HOST= SwarmNode3
Deploy Set C Containers
Initialize Workspace = None or empty?
Complete
Initialise Jenkins Workspace