需要解决的问题：

1）hostname的传递和解析

在agent container的启动过程中，要mount本地目录，将所需要的信息复制过去，

是不是放到/tmp/目录下，但是如果放到固定目录，会不是产生目录冲突的问题（同时启动两个container）

2) 如果使用--net=host，解决端口随机分配的问题

3）ambari-server和ambari-agent配置文件的初始化

4）构建docker image本地仓库

[

{

"Id": "ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f",

"Created": "2016-09-26T06:46:53.643577989Z",

"Path": "/sbin/init",

"Args": [],

"State": {

"Running": true,

"Paused": false,

"Restarting": false,

"OOMKilled": false,

"Dead": false,

"Pid": 9663,

"ExitCode": 0,

"Error": "",

"StartedAt": "2016-09-26T06:46:58.025388271Z",

"FinishedAt": "0001-01-01T00:00:00Z"

},

"Image": "2b09a1381d444972497bf23785487d1e544e2404e27a91af526fd64daa0484b2",

"NetworkSettings": {

"Bridge": "",

"EndpointID": "b871efc32d360a2db6b208d8d703f71e85f6ecf58bb7fedad5fdce62af014623",

"Gateway": "\u003cnil\u003e",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"HairpinMode": false,

"IPAddress": "",

"IPPrefixLen": 0,

"IPv6Gateway": "",

"LinkLocalIPv6Address": "",

"LinkLocalIPv6PrefixLen": 0,

"MacAddress": "",

"NetworkID": "507ede16de7d9ba920ef02c0897d59963f43fb32818a8c0e688b6fe29e5527b1",

"PortMapping": null,

"Ports": {},

"SandboxKey": "/var/run/docker/netns/default",

"SecondaryIPAddresses": null,

"SecondaryIPv6Addresses": null

},

"ResolvConfPath": "/var/lib/docker/containers/ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f/resolv.conf",

"HostnamePath": "/var/lib/docker/containers/ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f/hostname",

"HostsPath": "/var/lib/docker/containers/ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f/hosts",

"LogPath": "/var/lib/docker/containers/ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f/ad657897c72d2b7f08e894e9df757ec4d1d97a3398254c4533e6ccd41626046f-json.log",

"Name": "/boring\_pare",

"RestartCount": 0,

"Driver": "devicemapper",

"ExecDriver": "native-0.2",

"MountLabel": "",

"ProcessLabel": "",

"Volumes": {

"/cgroup": "/var/lib/docker/volumes/828437273d0b2febc7c999e362d8bbbd32265740a2085fe107ef3f7f8de6a7e7/\_data"

},

"VolumesRW": {

"/cgroup": true

},

"AppArmorProfile": "",

"ExecIDs": [

"67e66840afb887af219752625aa513407d68722664f5b8950d5583333ade7161",

"d8f94ba2db771890801f92a2ae0e03bfed4be7b6d7fd60c9b37761d14879d267"

],

"HostConfig": {

"Binds": null,

"ContainerIDFile": "",

"LxcConf": [],

"Memory": 0,

"MemorySwap": 0,

"CpuShares": 0,

"CpuPeriod": 0,

"CpusetCpus": "",

"CpusetMems": "",

"CpuQuota": 0,

"BlkioWeight": 0,

"OomKillDisable": false,

"Privileged": false,

"PortBindings": {},

"Links": null,

"PublishAllPorts": false,

"Dns": null,

"DnsSearch": null,

"ExtraHosts": null,

"VolumesFrom": null,

"Devices": [],

"NetworkMode": "host",

"IpcMode": "",

"PidMode": "",

"UTSMode": "",

"CapAdd": null,

"CapDrop": null,

"RestartPolicy": {

"Name": "no",

"MaximumRetryCount": 0

},

"SecurityOpt": null,

"ReadonlyRootfs": false,

"Ulimits": null,

"LogConfig": {

"Type": "json-file",

"Config": {}

},

"CgroupParent": ""

},

"Config": {

"Hostname": "sgserver006",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"PortSpecs": null,

"ExposedPorts": {

"8080/tcp": {}

},

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"HOME=/",

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/jdk64/jdk1.7.0\_67/bin",

"JDK\_ARTIFACT=jdk-7u67-linux-x64.tar.gz",

"JDK\_VERSION=jdk1.7.0\_67",

"JAVA\_HOME=/usr/jdk64/jdk1.7.0\_67",

"PS1=[\\u@docker-ambari \\W]# ",

"PLUGIN\_PATH=/plugins"

],

"Cmd": null,

"Image": "cmss/ambari-server",

"Volumes": {

"/cgroup": {}

},

"VolumeDriver": "",

"WorkingDir": "/tmp",

"Entrypoint": [

"/sbin/init"

],

"NetworkDisabled": false,

"MacAddress": "",

"OnBuild": null,

"Labels": {}

}

}

]