**解决配置etcd的一些问题**

1.地址规划

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| Bash 192.168.135.149 k8-etcd-01 #高可用etcd集群1 192.168.135.150 k8-etcd-02 #高可用ectd集群2 192.168.135.147 k8-etcd-03 #高可用etcd集群3 |

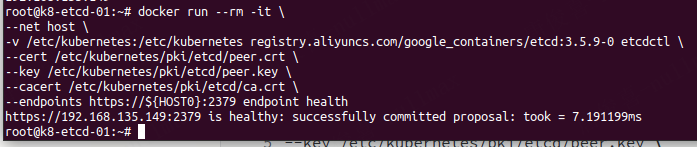
2.搭建etcd集群遇到的问题

主要原因没有加载etcd检测点，在/etc/systemd/system/kubelet.service.d/20-etcd-service-manager.conf文件中的ExecStart添加--pod-manifest-path字段

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| Bash [Service] ExecStart= ExecStart=/usr/bin/kubelet --address=127.0.0.1 --cgroup-driver=systemd --pod-manifest-path=/etc/kubernetes/manifests/ Restart=always EOF |

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| Bash {"level":"warn",  "ts":"2025-01-17T01:41:30.45833Z",  "logger":"client",  "caller":"v3@v3.5.9/retry\_interceptor.go:62",  "msg":"retrying of unary invoker failed",  "target":"etcd-endpoints://0xc0000b8a80/192.168.135.149:2379",  "attempt":0,  "error":"rpc error:   code = DeadlineExceeded   desc = latest balancer   error: last connection   error: connection   error: desc = \"transport:   Error while dialing dial tcp 192.168.135.149:2379:   connect: connection refused\"  " } https://192.168.135.149:2379 is unhealthy: failed to commit proposal: context deadline exceeded Error: unhealthy cluster |

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| Bash fs\_resource\_analyzer.go:67] "Starting FS ResourceAnalyzer" kubelet.go:1431] "Image garbage collection failed once. Stats initialization may not have completed yet" err="invalid capacity 0 on image filesystem" volume\_manager.go:291] "Starting Kubelet Volume Manager" server.go:462] "Adding debug handlers to kubelet server" desired\_state\_of\_world\_populator.go:151] "Desired state populator starts to run" reconciler\_new.go:29] "Reconciler: start to sync state" kubelet\_network\_linux.go:50] "Initialized iptables rules." protocol="IPv4" kubelet\_network\_linux.go:50] "Initialized iptables rules." protocol="IPv6" status\_manager.go:213] "Kubernetes client is nil, not starting status manager" kubelet.go:2303] "Starting kubelet main sync loop" kubelet.go:2327] "Skipping pod synchronization" err="[container runtime status check may not have completed yet, PLEG is not healthy: pleg has yet to be successful]" cpu\_manager.go:214] "Starting CPU manager" policy="none" cpu\_manager.go:215] "Reconciling" reconcilePeriod="10s" state\_mem.go:36] "Initialized new in-memory state store" state\_mem.go:88] "Updated default CPUSet" cpuSet="" state\_mem.go:96] "Updated CPUSet assignments" assignments={} policy\_none.go:49] "None policy: Start" memory\_manager.go:169] "Starting memorymanager" policy="None" state\_mem.go:35] "Initializing new in-memory state store" state\_mem.go:75] "Updated machine memory state" manager.go:471] "Failed to read data from checkpoint" checkpoint="kubelet\_internal\_checkpoint" err="checkpoint is not found" plugin\_manager.go:118] "Starting Kubelet Plugin Manager" desired\_state\_of\_world\_populator.go:159] "Finished populating initial desired state of world" ~ |



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| Bash #k8-etcd-01 docker run --rm -it \ --net host \ -v /etc/kubernetes:/etc/kubernetes registry.aliyuncs.com/google\_containers/etcd:3.5.9-0 etcdctl \ --cert /etc/kubernetes/pki/etcd/peer.crt **\** --key /etc/kubernetes/pki/etcd/peer.key **\** --cacert /etc/kubernetes/pki/etcd/ca.crt **\** --endpoints https://**${HOST0}**:2379 endpoint health  #k8-etcd-02 docker run --rm -it \ --net host \ -v /etc/kubernetes:/etc/kubernetes registry.aliyuncs.com/google\_containers/etcd:3.5.9-0 etcdctl \ --cert /etc/kubernetes/pki/etcd/peer.crt **\** --key /etc/kubernetes/pki/etcd/peer.key **\** --cacert /etc/kubernetes/pki/etcd/ca.crt **\** --endpoints https://**${HOST1}**:2379 endpoint health \   #k8-etcd-03 docker run --rm -it \ --net host \ -v /etc/kubernetes:/etc/kubernetes registry.aliyuncs.com/google\_containers/etcd:3.5.9-0 etcdctl \ --cert /etc/kubernetes/pki/etcd/peer.crt **\** --key /etc/kubernetes/pki/etcd/peer.key **\** --cacert /etc/kubernetes/pki/etcd/ca.crt **\** --endpoints https://**${HOST2}**:2379 endpoint health |

