Incase you face any issue with interlock proxy with error log as -- is too small in /etc/nginx/nginx.conf:111

Follow the below documentation for updating the ucp-interlock service with new .toml

<https://success.mirantis.com/article/increase-map-hash-bucket-size-for-interlock-proxy>

<https://docs.mirantis.com/docker-enterprise/v3.0/dockeree-products/ucp/deploy-apps-with-swarm/interlock/configure/configure-layer-7-routing-service.html>

Sample Working toml File from PROD DR as of DEC 2020:

ListenAddr = ":8080"

DockerURL = "unix:///var/run/docker.sock"

AllowInsecure = false

PollInterval = "3s"

[Extensions]

[Extensions.default]

Image = "docker/ucp-interlock-extension:3.3.1"

ServiceName = "ucp-interlock-extension"

Args = []

Constraints = ["node.labels.com.docker.ucp.orchestrator.swarm==true", "node.platform.os==linux"]

ConfigImage = "docker/ucp-interlock-config:3.3.1"

ConfigServiceName = "ucp-interlock-config"

ProxyImage = "docker/ucp-interlock-proxy:3.3.1"

ProxyServiceName = "ucp-interlock-proxy"

ProxyConfigPath = "/etc/nginx/nginx.conf"

ProxyReplicas = 2

ProxyStopSignal = "SIGQUIT"

ProxyStopGracePeriod = "5s"

ProxyConstraints = ["node.labels.com.docker.ucp.orchestrator.swarm==true", "node.platform.os==linux"]

PublishMode = "ingress"

PublishedPort = 80

TargetPort = 80

PublishedSSLPort = 443

TargetSSLPort = 443

[Extensions.default.Labels]

"com.docker.ucp.InstanceID" = "6hcyoxhzj1wgy5ykj448cfyiy"

[Extensions.default.ContainerLabels]

"com.docker.ucp.InstanceID" = "6hcyoxhzj1wgy5ykj448cfyiy"

[Extensions.default.ProxyLabels]

"com.docker.ucp.InstanceID" = "6hcyoxhzj1wgy5ykj448cfyiy"

[Extensions.default.ProxyContainerLabels]

"com.docker.ucp.InstanceID" = "6hcyoxhzj1wgy5ykj448cfyiy"

[Extensions.default.Config]

Version = ""

HTTPVersion = "1.1"

User = "nginx"

PidPath = "/var/run/proxy.pid"

MaxConnections = 1024

ConnectTimeout = 5

SendTimeout = 600

ReadTimeout = 600

IPHash = false

AdminUser = ""

AdminPass = ""

SSLOpts = ""

SSLDefaultDHParam = 1024

SSLDefaultDHParamPath = ""

SSLVerify = "required"

WorkerProcesses = 1

RLimitNoFile = 65535

SSLCiphers = "HIGH:!aNULL:!MD5"

SSLProtocols = "TLSv1.2"

AccessLogPath = "/dev/stdout"

ErrorLogPath = "/dev/stdout"

MainLogFormat = "'$remote\_addr - $remote\_user [$time\_local] \"$request\" '\n\t\t '$status $body\_bytes\_sent \"$http\_referer\" '\n\t\t '\"$http\_user\_agent\" \"$http\_x\_forwarded\_for\"';"

TraceLogFormat = "'$remote\_addr - $remote\_user [$time\_local] \"$request\" $status '\n\t\t '$body\_bytes\_sent \"$http\_referer\" \"$http\_user\_agent\" '\n\t\t '\"$http\_x\_forwarded\_for\" $reqid $msec $request\_time '\n\t\t '$upstream\_connect\_time $upstream\_header\_time $upstream\_response\_time';"

KeepaliveTimeout = "75s"

ClientMaxBodySize = "32m"

ClientBodyBufferSize = "8k"

ClientHeaderBufferSize = "1k"

LargeClientHeaderBuffers = "4 8k"

ClientBodyTimeout = "60s"

UnderscoresInHeaders = false

UpstreamZoneSize = 64

ServerNamesHashBucketSize = 128

GlobalOptions = []

HTTPOptions = ["map\_hash\_bucket\_size 128;"]

TCPOptions = ["map\_hash\_bucket\_size 128;"]

HideInfoHeaders = false