

Proxy & Cacerts Bundling

Proxy Configurations:

- Find your proxy configurations from your Network team

```
env:
  http_proxy: "http://proxy.config.pcp.local:3128"
  https_proxy: "http://proxy.config.pcp.local:3128"
  HTTPS_PROXY: "http://proxy.config.pcp.local:3128"
  HTTP_PROXY: "http://proxy.config.pcp.local:3128"
  NO_PROXY:
    "*.cache.amazonaws.com,*.opsmx,.svc.local,.svc,.cluster.local,*.svc.local,*.svc,*.cluster.local,localhost,127.0.0.1,169.254.169.254,169.254.170.2,172.31.16.0/20,100.120.57.64/26,100.120.73.64/26,100.120.89.64/26,172.18.84.0/22,172.18.88.0/22,172.18.92.0/22,10.100.0.0/16,internal,*.opsmx.com,github.pie.opsmx.com,.opsmx.com,.execute-api.us-west-2.amazonaws.com,.s3.us-west-2.amazonaws.com,.us-west-2.vpce.amazonaws.com,amazonlinux.us-west-2.amazonaws.com,api.sagemaker.us-west-2.amazonaws.com,cloudformation.us-west-2.amazonaws.com,cloudtrail.us-west-2.amazonaws.com,codebuild-fips.us-west-2.amazonaws.com,codebuild.us-west-2.amazonaws.com,config.us-west-2.amazonaws.com,dynamodb.us-west-2.amazonaws.com,ec2.us-west-2.amazonaws.com,ec2messages.us-west-2.amazonaws.com,elasticloadbalancing.us-west-2.amazonaws.com,events.us-west-2.amazonaws.com,kinesis.us-west-2.amazonaws.com,kms.us-west-2.amazonaws.com,logs.us-west-2.amazonaws.com,monitoring.us-west-2.amazonaws.com,runtime.sagemaker.us-west-2.amazonaws.com,secretsmanager.us-west-2.amazonaws.com,servicecatalog.us-west-2.amazonaws.com,sns.us-west-2.amazonaws.com,ssm.us-west-2.amazonaws.com,ssmmessages.us-west-2.amazonaws.com,sts.us-west-2.amazonaws.com"
  no_proxy:
    "*.cache.amazonaws.com,*.opsmx,.svc.local,.svc,.cluster.local,*.svc.local,*.svc,*.cluster.local,localhost,127.0.0.1,169.254.169.254,169.254.170.2,172.31.16.0/20,100.120.57.64/26,100.120.73.64/26,100.120.89.64/26,172.18.84.0/22,172.18.88.0/22,172.18.92.0/22,10.100.0.0/16,internal,*.opsmx.com,github.pie.opsmx.com,.opsmx.com,.execute-api.us-west-2.amazonaws.com,.s3.us-west-2.amazonaws.com,.us-west-2.vpce.amazonaws.com,amazonlinux.us-west-2.amazonaws.com,api.sagemaker.us-west-2.amazonaws.com,cloudformation.us-west-2.amazonaws.com,cloudtrail.us-west-2.amazonaws.com,codebuild-fips.us-west-2.amazonaws.com,codebuild.us-west-2.amazonaws.com,config.us-west-2.amazonaws.com,dynamodb.us-west-2.amazonaws.com,ec2.us-west-2.amazonaws.com,ec2messages.us-west-2.amazonaws.com,elasticloadbalancing.us-west-2.amazonaws.com,events.us-west-2.amazonaws.com,kinesis.us-west-2.amazonaws.com,kms.us-west-2.amazonaws.com,logs.us-west-2.amazonaws.com,monitoring.us-west-2.amazonaws.com,runtime.sagemaker.us-west-2.amazonaws.com,secretsmanager.us-west-2.amazonaws.com,servicecatalog.us-west-2.amazonaws.com,sns.us-west-2.amazonaws.com,ssm.us-west-2.amazonaws.com,ssmmessages.us-west-2.amazonaws.com,sts.us-west-2.amazonaws.com"
  proxy_port: 3128
  proxy_host: "proxy.config.pcp.local"
  MINION_API_PROXY: "proxy.config.pcp.local:3128"
```

```
JAVA_OPTS: "-XX:MaxRAMPercentage=80.0 -Dliquibase.shouldRun=true
-Dhttps.proxyHost=proxy.config.pcp.local -Dhttps.proxyPort=3128
-Dhttps.nonProxyHosts='*.cache.amazonaws.com|*.opsmx|.svc.local|.svc|.cluster.local|*.svc.local|*.svc|*.cluster.local|localhost|127.0.0.1|169.254.169.254|169.254.170.2|172.31.16.0/20|100.120.57.64/26|100.120.73.64/26|100.120.89.64/26|172.18.84.0/22|172.18.88.0/22|172.18.92.0/22|10.100.0.0/16|.internal|.opsmx.com|*.opsmx.com|github.pie.opsmx.com|.execute-api.us-west-2.amazonaws.com|.s3.us-west-2.amazonaws.com|.us-west-2.vpce.amazonaws.com|amazonlinux.us-west-2.amazonaws.com|api.sagemaker.us-west-2.amazonaws.com|cloudformation.us-west-2.amazonaws.com|cloudtrail.us-west-2.amazonaws.com|codebuild-fips.us-west-2.amazonaws.com|codebuild.us-west-2.amazonaws.com|config.us-west-2.amazonaws.com|dynamodb.us-west-2.amazonaws.com|ec2.us-west-2.amazonaws.com|ec2messages.us-west-2.amazonaws.com|elasticloadbalancing.us-west-2.amazonaws.com|events.us-west-2.amazonaws.com|kinesis.us-west-2.amazonaws.com|kms.us-west-2.amazonaws.com|logs.us-west-2.amazonaws.com|monitoring.us-west-2.amazonaws.com|runtime.sagemaker.us-west-2.amazonaws.com|secretsmanager.us-west-2.amazonaws.com|servicecatalog.us-west-2.amazonaws.com|sns.us-west-2.amazonaws.com|ssm.us-west-2.amazonaws.com|ssmmessages.us-west-2.amazonaws.com|sts.us-west-2.amazonaws.com' -Dhttp.proxyHost=proxy.config.pcp.local
-Dhttp.proxyPort=3128
-Dhttp.nonProxyHosts='*.cache.amazonaws.com|*.opsmx|.svc.local|.svc|.cluster.local|*.svc.local|*.svc|*.cluster.local|localhost|127.0.0.1|169.254.169.254|169.254.170.2|172.31.16.0/20|100.120.57.64/26|100.120.73.64/26|100.120.89.64/26|172.18.84.0/22|172.18.88.0/22|172.18.92.0/22|10.100.0.0/16|.internal|.opsmx.com|*.opsmx.com|github.pie.opsmx.com|.execute-api.us-west-2.amazonaws.com|.s3.us-west-2.amazonaws.com|.us-west-2.vpce.amazonaws.com|amazonlinux.us-west-2.amazonaws.com|api.sagemaker.us-west-2.amazonaws.com|cloudformation.us-west-2.amazonaws.com|cloudtrail.us-west-2.amazonaws.com|codebuild-fips.us-west-2.amazonaws.com|codebuild.us-west-2.amazonaws.com|config.us-west-2.amazonaws.com|dynamodb.us-west-2.amazonaws.com|ec2.us-west-2.amazonaws.com|ec2messages.us-west-2.amazonaws.com|elasticloadbalancing.us-west-2.amazonaws.com|events.us-west-2.amazonaws.com|kinesis.us-west-2.amazonaws.com|kms.us-west-2.amazonaws.com|logs.us-west-2.amazonaws.com|monitoring.us-west-2.amazonaws.com|runtime.sagemaker.us-west-2.amazonaws.com|secretsmanager.us-west-2.amazonaws.com|servicecatalog.us-west-2.amazonaws.com|sns.us-west-2.amazonaws.com|ssm.us-west-2.amazonaws.com|ssmmessages.us-west-2.amazonaws.com|sts.us-west-2.amazonaws.com|oes-minio.opsmx|oes-openldap.opsmx|oes-redis-headless.opsmx|oes-redis-master.opsmx|oes-spinnaker-halyard.opsmx|oes-autopilot.opsmx|oes-dashboard.opsmx|oes-db.opsmx|oes-gate.opsmx|oes-platform.opsmx|oes-sapor.opsmx|oes-ui.opsmx|oes-visibility.opsmx|opa.opsmx|opsmx-controller-controller1.opsmx|opsmx-controller-controller1-interproc.opsmx|sapor-gate.opsmx|spin-clouddriver-caching.opsmx|spin-clouddriver-ro.opsmx|spin-clouddriver-ro-deck.opsmx|spin-clouddriver-rw.opsmx|spin-deck.opsmx|spin-deck-lb.opsmx|spin-echo-scheduler.opsmx|spin-echo-worker.opsmx|spin-fiat.opsmx|spin-front50.opsmx|spin-gate.opsmx|spin-gate-lb.opsmx|spin-igor.opsmx|spin-orca.opsmx|spin-rosco.opsmx|oes-minio|oes-openldap|oes-redis-headless|oes-redis-master|oes-spinnaker-halyard|oes-autopilot|oes-dashboard|oes-db|oes-gate|oes-platform|oes-sapor|oes-ui|oes-visibility|opa|opsmx-controller-controller1|opsmx-controller-controller1-interproc|sapor-gate|spin-clouddriver-caching|spin-clouddriver-ro|spin-clouddriver-ro-deck|spin-clouddriver-rw|spin-deck|spin-deck-lb|spin-echo-scheduler|spin-echo-worker|spin-fiat|spin-front50|spin-gate|spin-gate-lb|spin-igor|spin-orca|spin-rosco"
```

- If these settings are handy, update them in the service settings of Spinnaker halyard repository.
- Also in the values.yaml. Search for the string “extraEnvVars” add your proxy configurations overthere. Find sample below

```
### Proxy Settings
extraEnvVars:
  - name: JAVA_OPTS
    value: "-XX:MaxRAMPercentage=100.0
-Dhttps.proxyHost=proxy.config.pcp.local -Dliquibase.shouldRun=false
-Dhttps.proxyPort=3128
-Dhttps.nonProxyHosts='*.opsmx|.svc.local|.svc|.cluster.local|*.svc.local|
*.svc|*.cluster.local|localhost|127.0.0.1|169.254.169.254|169.254.170.2|17
2.31.240.0/20|100.120.57.0/26|100.120.73.0/26|100.120.89.0/26|172.18.72.0/
22|172.18.76.0/22|172.18.80.0/22|10.100.0.0/16|*.opsmx.com|github.pie.opsm
x.com|.opsmx.com|.execute-api.us-west-2.amazonaws.com|.s3.us-west-2.amazon
aws.com|.us-west-2.vpce.amazonaws.com|amazonlinux.us-west-2.amazonaws.com|
api.sagemaker.us-west-2.amazonaws.com|cloudformation.us-west-2.amazonaws.c
om|cloudtrail.us-west-2.amazonaws.com|codebuild-fips.us-west-2.amazonaws.c
om|codebuild.us-west-2.amazonaws.com|config.us-west-2.amazonaws.com|dynamo
db.us-west-2.amazonaws.com|ec2.us-west-2.amazonaws.com|ec2messages.us-west
-2.amazonaws.com|elasticloadbalancing.us-west-2.amazonaws.com|events.us-we
st-2.amazonaws.com|kinesis.us-west-2.amazonaws.com|kms.us-west-2.amazonaws
.com|logs.us-west-2.amazonaws.com|monitoring.us-west-2.amazonaws.com|runti
me.sagemaker.us-west-2.amazonaws.com|secretsmanager.us-west-2.amazonaws.co
m|servicecatalog.us-west-2.amazonaws.com|sns.us-west-2.amazonaws.com|ssm.u
s-west-2.amazonaws.com|ssmmessages.us-west-2.amazonaws.com|sts.us-west-2.a
mazonaws.com' -Dhttp.proxyHost=proxy.config.pcp.local
-Dhttp.proxyPort=3128
-Dhttp.nonProxyHosts='*.opsmx|.svc.local|.svc|.cluster.local|*.svc.local|*
.svc|*.cluster.local|localhost|127.0.0.1|169.254.169.254|169.254.170.2|172
.31.240.0/20|100.120.57.0/26|100.120.73.0/26|100.120.89.0/26|172.18.72.0/2
2|172.18.76.0/22|172.18.80.0/22|10.100.0.0/16|*.opsmx.com|github.pie.opsmx
.com|.opsmx.com|.execute-api.us-west-2.amazonaws.com|.s3.us-west-2.amazona
ws.com|.us-west-2.vpce.amazonaws.com|amazonlinux.us-west-2.amazonaws.com|a
pi.sagemaker.us-west-2.amazonaws.com|cloudformation.us-west-2.amazonaws.co
m|cloudtrail.us-west-2.amazonaws.com|codebuild-fips.us-west-2.amazonaws.co
m|codebuild.us-west-2.amazonaws.com|config.us-west-2.amazonaws.com|dynamod
b.us-west-2.amazonaws.com|ec2.us-west-2.amazonaws.com|ec2messages.us-west-
2.amazonaws.com|elasticloadbalancing.us-west-2.amazonaws.com|events.us-wes
t-2.amazonaws.com|kinesis.us-west-2.amazonaws.com|kms.us-west-2.amazonaws.
com|logs.us-west-2.amazonaws.com|monitoring.us-west-2.amazonaws.com|runtim
e.sagemaker.us-west-2.amazonaws.com|secretsmanager.us-west-2.amazonaws.com
|servicecatalog.us-west-2.amazonaws.com|sns.us-west-2.amazonaws.com|ssm.us
-west-2.amazonaws.com|ssmmessages.us-west-2.amazonaws.com|sts.us-west-2.am
azonaws.com|oes-minio.opsmx|oes-openldap.opsmx|oes-redis-headless.opsmx|oe
s-redis-master.opsmx|oes-spinnaker-halyard.opsmx|oes-autopilot.opsmx|oes-d
ashboard.opsmx|oes-db.opsmx|oes-gate.opsmx|oes-platform.opsmx|oes-sapor.op
smx|oes-ui.opsmx|oes-visibility.opsmx|opa.opsmx|opsmx-controller-controlle
r1.opsmx|opsmx-controller-controller1-interproc.opsmx|sapor-gate.opsmx|spi
n-clouddriver-caching.opsmx|spin-clouddriver-ro.opsmx|spin-clouddriver-caching|
spin-clouddriver-rw.opsmx|spin-deck.opsmx|spin-deck-lb.opsmx|sp
in-echo-scheduler.opsmx|spin-echo-worker.opsmx|spin-fiat.opsmx|spin-front5
0.opsmx|spin-gate.opsmx|spin-gate-lb.opsmx|spin-igor.opsmx|spin-orca.opsmx
|spin-roscopsmx|oes-minio|oes-openldap|oes-redis-headless|oes-redis-mast
er|oes-spinnaker-halyard|oes-autopilot|oes-dashboard|oes-db|oes-gate|oes-p
latform|oes-sapor|oes-ui|oes-visibility|opa|opsmx-controller-controller1|o
psmx-controller-controller1-interproc|sapor-gate|spin-clouddriver-caching|
spin-clouddriver-ro|spin-clouddriver-ro-deck|spin-clouddriver-rw|spin-deck
|spin-deck-lb|spin-echo-scheduler|spin-echo-worker|spin-fiat|spin-front50|
spin-gate|spin-gate-lb|spin-igor|spin-orca|spin-roscopsmx'"
#####
```

- Sample Proxy Repo FYR
<https://github.com/OpsMx/sample-proxy-configs/tree/main>

Cacerts Bundle Creation

- If you have all the cacerts available readily and if everything is separate. Bundle all of them by executing the below commands

- Command 1 - Bundle Certs

```
cat ca-cert-1.crt ca-cert-2.crt ... > bundle.crt
```

- Command 2 - Create a Secret with the Bundle

```
kubectrl create secret generic <secret_name> --from-file=ca-bundle.crt=bundle.crt
```

- Mount the newly created secret into the spinnaker and ISD deployments. To mount in Spinnaker update in the files on spinnaker-settings.
- In case you don't have the cacerts readily available. Execute the below command to fetch the same

```
echo -n | openssl s_client -connect example.com:443 -servername example.com \  
| sed -ne '/-BEGIN CERTIFICATE-/,/-END CERTIFICATE-/p' > cacert.pem
```