



Sample configurations

- [Sample configuration file, on page 1](#)

Sample configuration file

The following is only a sample configuration file provided solely for your reference. You must create and modify your own configuration file according to the specific needs of your deployment.



Important The mandatory parameters are required to ensure that the critical pods such as CRD and Policy Engine are in the running state.

```
config
datastore primary-endpoint connection-settings keep-alive keep-alive-time-ms 200
datastore primary-endpoint connection-settings channel count 4
datastore primary-endpoint connection-settings timeout-ms 500
datastore external-endpoints datastore
  connection-settings keep-alive keep-alive-time-ms 200
  connection-settings channel count 3
  connection-settings timeout-ms 500
exit
ldap replicas 2
ldap server-set USD
  search-user dn cn=sdcsUser,dc=C-NTDB
  search-user password $8$yx0jELXTK0f7CJO2XklpJx+CpCUIX13B9C5oQ4NEaI=
  health-check interval-ms 5000
  health-check dn cn=sdcsUser,dc=C-NTDB
  health-check filter msisdn=918369110173
  health-check attributes napCustType
  initial-connections 10
  max-connections 10
  retry-count 2
  retry-timer-ms 100
  max-failover-connection-age-ms 60000
  binds-per-second 0.2
  number-consecutive-timeouts-for-bad-connection -1
  missing-attribute-result-code 32
  connection 192.0.2.18 389
    priority 400
    connection-rule ROUND_ROBIN
    auto-reconnect true
    timeout-ms 200
```

```

    bind-timeout-ms 3000
exit
connection 192.0.2.18 390
    priority 400
    connection-rule ROUND_ROBIN
    auto-reconnect true
    timeout-ms 200
    bind-timeout-ms 3000
exit
connection 192.0.2.18 391
    priority 400
    connection-rule ROUND_ROBIN
    auto-reconnect true
    timeout-ms 200
    bind-timeout-ms 3000
exit
exit
//This is a mandatory parameter
db global-settings db-replica 3
//This is a mandatory parameter
db global-settings volume-storage-class local
db spr shard-count 1
db balance shard-count 1
debug tracing type DISABLED
debug logging default-level error
debug logging logger com.broadhop
    level warn
exit
debug logging logger com.broadhop.custrefdata.impl.dao.GenericDao
    level error
exit
debug logging logger com.broadhop.diameter2.policy.endpoints
    level error
exit
debug logging logger com.broadhop.ldap
    level error
exit
debug logging logger com.broadhop.microservices.control
    level error
exit
debug logging logger com.broadhop.utilities.queue.redis
    level error
exit
debug logging logger com.cisco
    level warn
exit
debug logging logger com.cisco.diameter
    level error
exit
debug logging logger com.cisco.diameter.endpoint
    level error
exit
debug logging logger com.cisco.pcf
    level debug
exit
debug logging logger com.cisco.pcf.endpoint.client
    level error

exit
debug logging logger com.cisco.pcf.endpoint.client.Http2JettyRequestAsync
    level error
exit
debug logging logger com.cisco.pcf.ldapserver
    level warn

```

```
exit
debug logging logger com.cisco.pcf.nf.cache.NfCache
    level warn
exit
debug logging logger io.prometheus.client
    level error
exit
debug logging logger policy.engine
    level debug
exit
debug logging logger rest.message
    level warn
exit
features patching ingress-enabled true
diameter settings timeouts-ms dpa 5000
diameter application rx
    application-id 16777236
    tgpp-application true
    vendor [ 10415 ]
exit
diameter group rx-protocol-1
    endpoint-group rx-1
        priority 50
        endpoint rx-endpoint-1
            priority 50
            enabled true
            host-name pcf-diameter-endpoint
            port 3868
            transport-protocol tcp
            application [ rx ]
            timers connection-timeout 30
            timers watchdog 30
            timers reconnect-timeout 30
        exit
    exit
exit
diameter service rx-service
    bind 0.0.0.0:3868
    group rx-protocol-1
    application rx
    transport-protocol tcp
exit
aaa authentication users user admin
    uid 1117
    gid 100
    password $1$xyz$abcdefghijklmnopqrstuvwxyz
    ssh_keydir /var/confd/homes/admin/.ssh
    homedir /var/confd/homes/admin
exit
nacm groups group admin
    user-name [ admin ]
exit
nacm groups group policy-admin
    user-name [ admin ]
exit
nacm rule-list admin
    group [ admin ]
    rule any-access
    action permit
    exit
exit
nacm rule-list confd-api-manager
    group [ confd-api-manager ]
    rule any-access
```

```
        action permit
    exit
exit
nacm rule-list ops-center-security
group [ * ]
rule change-self-password
    module-name      ops-center-security
    path             /smiuser/change-self-password
    access-operations exec
    action           permit
exit
rule smiuser
    module-name      ops-center-security
    path             /smiuser
    access-operations exec
    action           deny
exit
exit
```