

Subscriber Migration

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Migration commands

cpc-migration

Command Modes: Exec > Global Configuration

Syntax Description:

```
cpc-migration { enable { true | false } | external-ips <IP1> <IP2>
| replicas <1-5> | logger-port <port> | ip-hostnames <IP> hostname <name>
| properties <prop> value <val> }
```

`enable`: Enables or disables the migration process.

`external-ips`: Sets the external IP addresses for the SOAP Proxy.

`replicas` Sets the number of migration replicas (Range: 1-5).

`logger-port`: Sets the port number for debug logging.

`ip-hostnames`: Associates an IP address with a specific hostname.

`properties`: Configures migration-specific properties (e.g., `server.port`, `cps.url`, `cnaaa.url`, `enable.getsubscriber`).

SOAP Kafka Proxy configuration

This section describes the configuration parameters for the SOAP Kafka Proxy.

cpc-migration soap-kafka-proxy

Command Modes: Exec > Global Configuration

Syntax Description:

```
cpc-migration soap-kafka-proxy { enable { true | false } | port <port>
| external-ips [ <IP_Address> ] | affinity-label { key <key> | value <val> }
| producer properties <prop> value <val> | consumer properties <prop> value <val> |
```

```
 kafka { local-site-id <name> | remote-site-id <name> | external-ip <IP> <port> |
remote-site kafka-server <IP> <port> | failedapi-dlq { retentionbytes bytes | retentionms
ms }
| soapapi-details { retentionbytes bytes | retentionms ms } | consumer-heartbeat {
retentionbytes bytes
| retentionms ms } | soap-api-partition <value> } }
```

`enable`: Enables the SOAP Kafka Relay solution.

`port`: Sets the SOAP proxy port.

`affinity-label`: Configures pod affinity labels.

`producer/consumer properties`: Configures URL endpoints and cluster coordination settings.

`kafka`: Configures site identifiers, local/remote Kafka server connectivity, and topic-specific retention/partition settings.

Usage Guidelines Use these commands to configure the SOAP Kafka Relay solution for subscriber migration between CPS 7.5 and cnAAA.

`soap-kafka-proxy kafka failedapi-dlq`

Command Modes: Exec > Global Configuration

Syntax Description:

`soap-kafka-proxy kafka failedapi-dlcpc-migrationq retentionbytes` *`retentionbytes`* `retentionms` *`retentionms`*

`retentionbytes`: Specify the retention size in bytes. Default: 2147483648.

`retentionms`: Specify the retention time in milliseconds. Default: 2592000000.

Example: `soap-kafka-proxy kafka failedapi-dlq retentionbytes 2147483658 retentionms 2592000020`

Usage Guidelines Use this command to configure the retention policy for the `failedapi-dlq` topic.

`cpc-migration soap-kafka-proxy kafka soapapi-details`

Command Modes: Exec > Global Configuration

Syntax Description:

`cpc-migration soap-kafka-proxy kafka soapapi-details retentionms` *`retentionms`* `retentionbytes` *`retentionbytes`*

`retentionms`: Specify the retention time in milliseconds. Default: 259200000.

`retentionbytes`: Specify the retention size in bytes. Default: 7516192768.

Example: `cpc-migration soap-kafka-proxy kafka soapapi-details retentionms 259200020 retentionbytes 7516192788`

Usage Guidelines Use this command to configure the retention policy for the `soapapi-details` topic.

`cpc-migration soap-kafka-proxy kafka consumer-heartbeat`

Command Modes: Exec > Global Configuration

Syntax Description:

`cpc-migration soap-kafka-proxy kafka consumer-heartbeat retentionms` *`retentionms`* `retentionbytes` *`retentionbytes`*

`retentionms`: Specify the retention time in milliseconds. Default: 86400000.

`retentionbytes`: Specify the retention size in bytes. Default: 104857600.

Example: `cpc-migration soap-kafka-proxy kafka consumer-heartbeat retentionms 86400010 retentionbytes 104857610`

Usage Guidelines Use this command to configure the retention policy for the `consumer-heartbeat` topic.

`cpc-migration soap-kafka-proxy kafka soap-api-partition`

Command Modes: Exec > Global Configuration

Syntax Description:

`cpc-migration soap-kafka-proxy kafka soap-api-partition` *`soap-api-partition`*

`value`: Specify the number of partitions for SOAP API Kafka topics. Range: 1 to 5. Default: 1.

Example: `cpc-migration soap-kafka-proxy kafka soap-api-partition 1`

Usage Guidelines Use this command to configure the number of partitions for SOAP API Kafka topics.