

Enabling SBC Core Geographical Redundancy HA Mode

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 Related articles:

- Request System - CLI (CLI)
- System Administration - Platform Management
- SBC Redundancy

Switching to GRHA Mode



This feature is not configurable during software installation nor is it changeable during an upgrade.

Accomplish the following steps to switch to GRHA mode:

1. Upgrade the SBC application either using LSWU or Platform Manager.
2. From the CLI command prompt, perform one of the steps below, depending on your configuration.
 - a. For example, in SBC Core, set bond monitoring type to `network-connect` and leader election algorithm type to `enhanced`:

```
> request system admin sbx1 setHaConfig bondMonitoring network-connect leaderElection enhanced
```

- b. For example, in SBC SWe, set `leaderElection algorithm` as `enhanced`.

```
> request system admin sbx1 setHaConfig leaderElection enhanced
```

Verifying GRHA Mode

Accomplish the following step to verify GRHA mode:

```
> show table system haConfig
```

SERVER NAME	LEADER ELECTION	BOND MONITORING
sbx1.eng.sonusnet.com	enhanced	network-connect
sbx2.eng.sonusnet.com	enhanced	network-connect

Switching Out of the GRHA Mode

To set bond monitoring type to `direct-connect` and leader election algorithm type to `standard`, enter the following command:

```
> request system admin sbx1 setHaConfig bondMonitoring direct-connect leaderElection standard
```

Verifying GRHA Mode

Accomplish the following step to verify non-GRHA mode:

```
> show table system haConfig
      LEADER      BOND
SERVER NAME      ELECTION  MONITORING
-----
sbx1.eng.sonusnet.com  standard  direct-connect
sbx2.eng.sonusnet.com  standard  direct-connect
```

