

State Synchronization

You can configure SRC-ACP to synchronize states with the SAE.

If state synchronization is enabled, the current state can be transferred when SRC-ACP has started up or lost its state. SRC-ACP does not have to keep a local and persistent copy of the state. However, SRC-ACP requires additional bandwidth to transfer state information that can affect performance.

Both SRC-ACP redundancy and state synchronization can be enabled at the same time. In this situation, the primary and secondary SRC-ACPs are set up as a community and will communicate with each other to determine the primary SRC-ACP. The primary SRC-ACP registers its interoperable object reference (IOR) with the SAE so that the SAE will communicate only with the primary SRC-ACP. When the primary SRC-ACP becomes unavailable, the secondary SRC-ACP assumes the role of the primary SRC-ACP and performs state synchronization if necessary.

