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CA Advanced Authentication High Availability Database Deployment



CA Advanced Authentication supports high availability deployment through the use of multiple instances of the AdvAuth Services configured to access a single master database. Our preferred method for database high availability is to use our built in database failover mechanism which will switch to a warm standby database that is populated through customer-administered one-way replication. Some forms of high available databases that are supported, assuming the customer maintains the software that controls the one-way replication, include Oracle RAC clusters and Microsoft Active-Passive replication. The Advanced Authentication servers are designed to operate using a database that provides transactional consistency. In deployments with multiple server instances, the database must ensure that changes made by different servers do not interfere with each other and that the data remains coherent and consistent.

For existing customers who have deployed using replication schemes that do not guarantee transactional consistency, we will continue to support your deployments with advice on how to configure our system in your environment and with information on known issues under our reasonable commercial effort policy which can be found in the [CA Advanced Authentication Product Support Matrix](#).

For new customers or new deployments we will not support configurations where transactional consistency is not assured by the database. Our priority is to provide customers with robust, highly available service, and these policies ensure transactional consistency.