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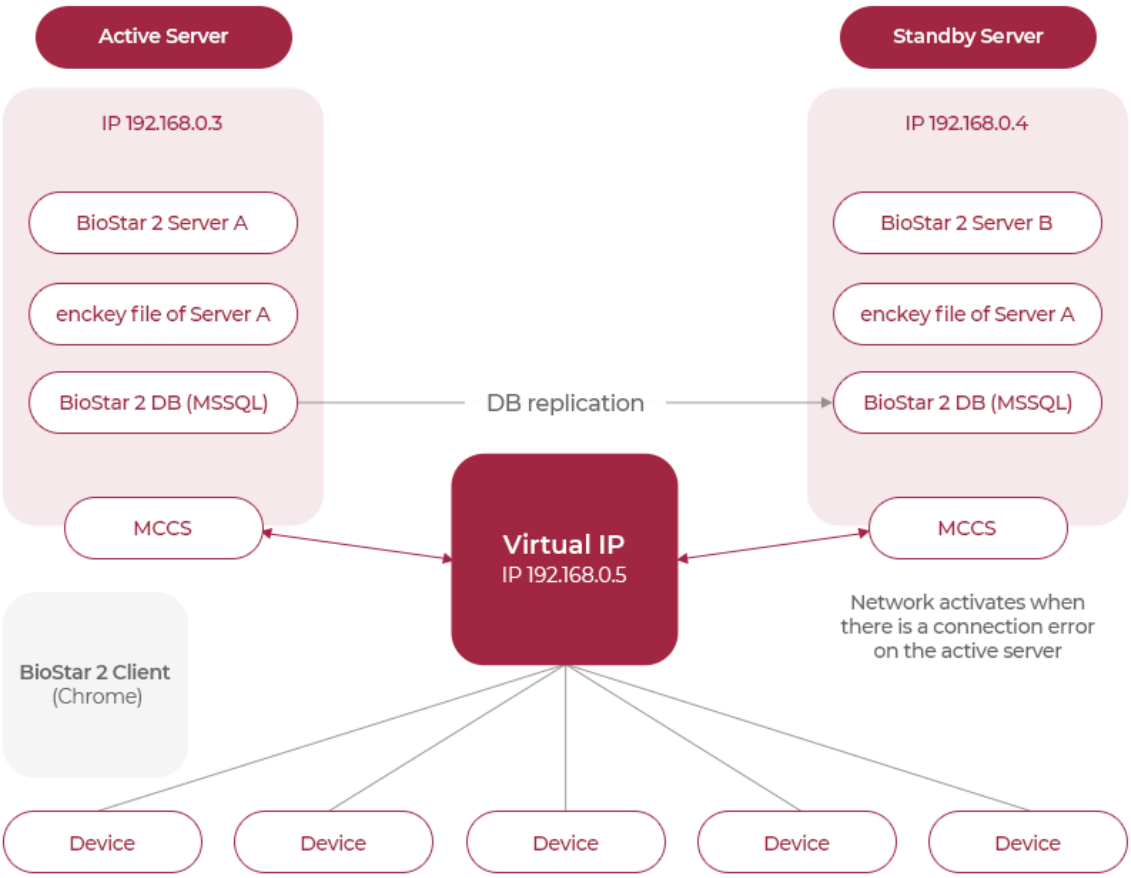
What is Failover and Why is it Important?

The Benefits of Using a Failover System with BioStar 2

Failover is a function that automatically switches to a standby server, database or network when failure of the primary system is detected. Failover prevents server downtime, data loss and system failure. It can protect mission-critical data 24/7 with no downtime.

BioStar 2 manages employee and visitor time and attendance data, which may contain mission-critical information. If you want to automate maintenance and protect your database against cybersecurity threats, installing a failover system can be the solution.

To enable failover for BioStar 2, install Mantech Continuous Cluster Server (MCCS), a high availability solution provided by Korean IT service provider manTech.



[Figure 1. How MCCS works with the BioStar 2 System]

MCCS monitors systems in real time to detect the failure of servers, storage, networks, application services and operating systems. When failure occurs, it automatically switches from the active server to a standby server and maintains data consistency through network mirroring and real-time replication of block level data. This also enables maintenance and recovery of the system with no downtime.

Pairing BioStar 2 with a failover system enhances availability and service continuity. It also helps to increase productivity and cost-efficiency by minimizing unnecessary resources to manage failure, such as manpower, applications and extra storage. You can manage T&A data in a safer environment ensuring the stability of the database on a 24-hour basis.

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Last update: **2022/09/26 11:10**