

Blackboard's Disaster Recovery Blackboard currently uses two different backup strategies. 1. The first strategy is automatically generated course archives. The process will trigger an archive to be generated if there has been activity in the course since the last time an automatic archive was generated. These archives are retained for 30 days by default and will only work correctly if they are restored to the same environment that generated them. If there is no activity in a course for 30 days, the system will transition the final archive to a full archive that can be restored to any environment and is retained indefinitely. 2. The second strategy is system level backups. The database is hosted in at least two different Availability Zones (AZs) which allows for redundancy and quick recovery during failure or loss. Database snapshots are taken daily and retained for 30 days. a. Write Ahead Logs (WAL files) are also available to restore the database to a specific point in time up within the last 72 hours. b. Files in Xythos that are deleted from the user interface are not physically removed from S3 until 45 days after the interface deletion. While this does result in storage usage remaining higher for a few weeks after deleting the content, it ensures a much more stable recovery that the files will be in S3 backups.