M2P Fintech Solutions

Database Restore Activity

Version 1.0



**M2P Solutions Private Limited**

India’s largest Program Management platform

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**Document Version**

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| **Date** |  |  |  |
| **Comments** |  |  |  |
| **Summary of Changes in this Version:**   * Quarterly prod database backup validation – Restore activity | | | |

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# 1.0 Scope:

This Document covers the scope of support and tasks performed by the Database admin as part of M2P fintech solutions.

We support Databases like MySQL PostgreSQL & MongoDB on various platforms like Linux and database as a service in AWS and Azure. Below is the updated inventory of the databases we host and support.

<https://teams.microsoft.com/l/file/0180759B-1658-4172-ACB2-0C23BF2066A2?tenantId=3405f089-be04-4322-8340-6550f2deee0a&fileType=xlsm&objectUrl=https%3A%2F%2Fm2psolutions.sharepoint.com%2Fsites%2Finfra%2FShared%20Documents%2FGeneral%2FM2P%20DB%20servers.xlsm&baseUrl=https%3A%2F%2Fm2psolutions.sharepoint.com%2Fsites%2Finfra&serviceName=teams&threadId=19:5f75cddcfdc446de929c0127f85ee10d@thread.tacv2&groupId=216b827c-dba7-4efd-86a2-53666873f548>

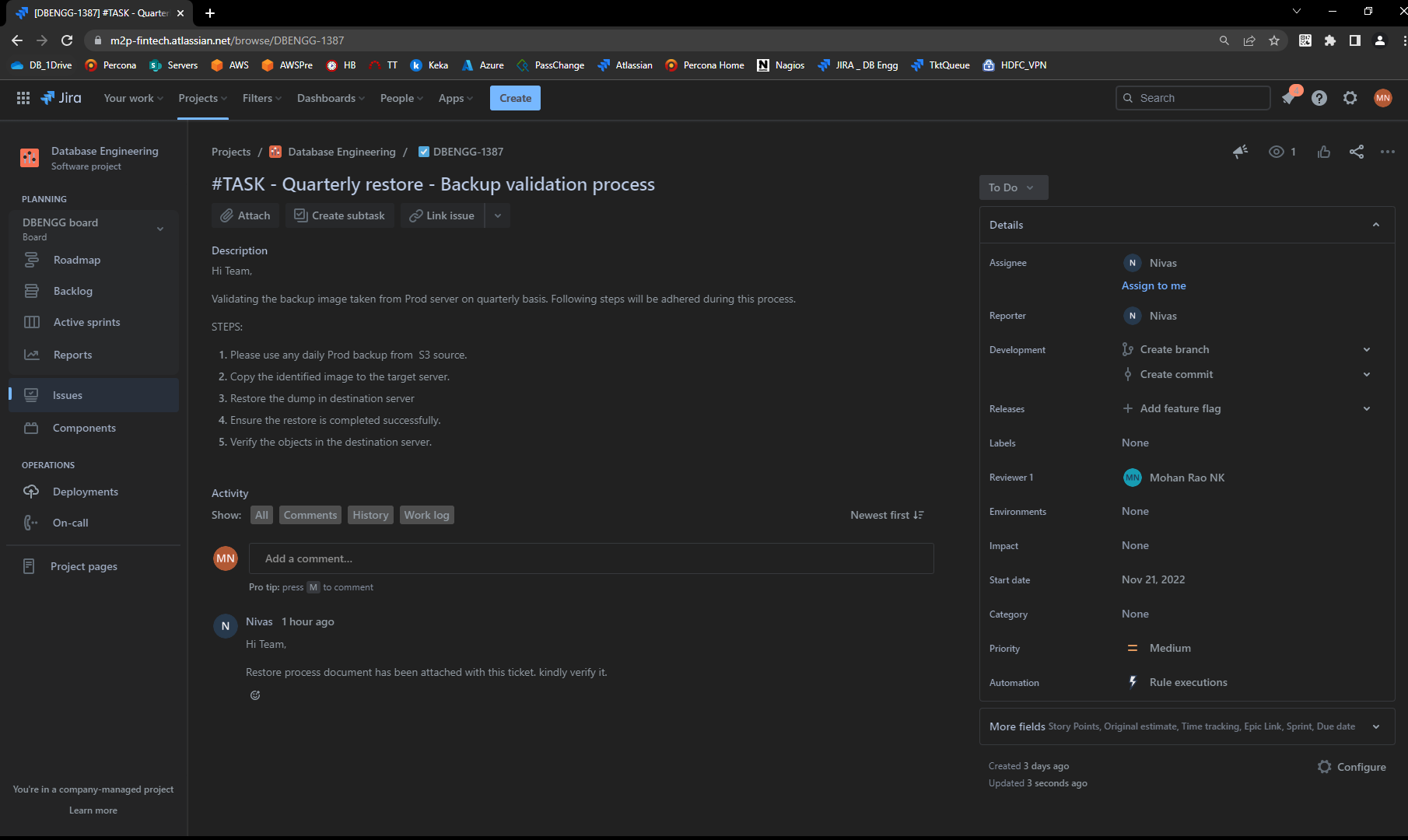
# 2.0 Backup & Recovery

* Daily backups are scheduled for production Databases.
* Backup image validation check is performed by doing a restore once in a quarter.
* Backups will be stored on disk and cloud simultaneously.
* In case of recovery, the respective backup image will be restored from S3 bucket and the restore process will be followed.
* To validate the backup image, we perform restore test quarterly on random Prod backup images.

# 3.0 Restore test ticket

* A ticket will be created while performing the restore test.

<https://m2p-fintech.atlassian.net/browse/DBENGG-1387>



# 4.0 Recovery Steps

## STEP 1: Download the corresponding backup from s3 bucket



## 

## STEP 2: Unzip the backup file

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## STEP 3: Ensure the database is not present in destination server before restoring

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## STEP 4: Restore the database in server

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## STEP 5: Verify the restore process

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## STEP 6: Ensure the database is present in server after the restore

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## STEP 7: Verify the restore log (in case of any error)

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## STEP 8: Cross-verify the count of tables on source and destination servers

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