# **DP 200 - Implementing a Data Platform Solution**

## Lab 9 – Monitoring and Troubleshooting Data Storage and Processing

### Exercise 4: Manage Disaster recovery

There are concerns around the recovery of the Products database that is stored in the awcdbstudxx Cosmos DB. The IS department has asked you to provide high level steps that would be taken in the event that the products database has become unavailable through an accidental deletion or removal of the database.

**Note**: there are no answers provided as it will vary depending on the group answers

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| --- | --- |
| Step # | High Level Recovery Steps |
| 1 | Have the subscription ID ready. |
| 2 | Have the Cosmos Account Name ready. |
| 3 | Have the Azure Cosmos database name ready |
| 4 | [file a support ticket](https://portal.azure.com/?#blade/Microsoft_Azure_Support/HelpAndSupportBlade) or [call Azure support](https://azure.microsoft.com/support/options/) |
| 5 | Open a Sev B or Sev C Azure support case |
| 6 | After the restore of the data, a notification about the name of the new account is provided (it’s typically in the format <original-name>-restored1) |
| 7 | Review the restored data to validate a recovery |
| 8 | Migrate the data back to your original account using [Azure Cosmos DB change feed](https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed) or [Azure Data Factory](https://docs.microsoft.com/en-us/azure/data-factory/connector-azure-cosmos-db). |
| 9 | Verify the successful migration. |
| 10 | Delete the <original-name>-restored1 |