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harj_tietoruva_v2.pdf

Task 1

Created with mysqldump

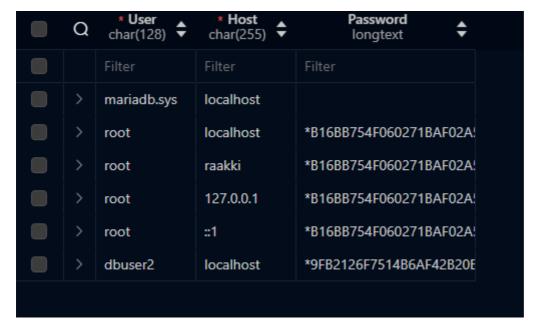
Task 2

Userdetails are saved to mysql.user table.

Credentials are saved as follows:

- mysql.db: Database-level privileges
- mysql.tables_priv: Table-level privileges
- mysql.columns_priv: Column-level privileges
- mysql.procs_priv: Stored procedure and function privileges

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Task 3

Database Administrator's Checklist

1. Data Minimization

- o Collect and store only necessary data.
- Reduces risk and ensures compliance.
- **Source**: GDPR Article 5(1)(c)

2. Data Encryption

- Encrypt data at rest and in transit.
- o Protects data confidentiality.
- Source: GDPR Article 32(1)(a)

3. Access Control

- o Implement strict access controls.
- Limits data access to authorized personnel.
- Source: GDPR Article 32(1)(b)

4. Regular Audits

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- Conduct regular compliance audits.
- o Identifies vulnerabilities and ensures ongoing compliance.

• **Source**: GDPR Article 24(1)

5. Data Breach Response Plan

• Maintain a data breach response plan.

• Ensures quick response to breaches.

• **Source**: GDPR Article 33

References

• Europa GDPR Overview