Relationship between the tables in the database:

1. Customer and Address:

- One-to-Many Relationship: Each customer can have one or more addresses (e.g., home address, billing address).

- Foreign Key: Address table's CustomerID column references the Customer table's CustomerID column.

2. Customer and Account:

- One-to-Many Relationship: Each customer can have one or more accounts.

- Foreign Key: Account table's CustomerID column references the Customer table's CustomerID column.

3. Customer and Router:

- One-to-Many Relationship: Each customer can have one or more routers installed.

- Foreign Key: Router table's CustomerID column references the Customer table's CustomerID column.

4. Router and NetworkNodes:

- One-to-Many Relationship: Each router can have one or more network nodes connected to it.

- Foreign Key: NetworkNodes table's RouterID column references the Router table's RouterID column.

5. Account and Subscription:

- One-to-Many Relationship: Each account can have one or more subscriptions.

- Foreign Key: Subscription table's AccountID column references the Account table's Account column.

6. Customer and ServiceRequest:

- One-to-Many Relationship: Each customer can raise one or more service requests.

- Foreign Key: ServiceRequest table's CustomerID column references the Customer table's CustomerID column.

7. ServiceRequest and Tickets:

- One-to-Many Relationship: Each service request can have one or more associated tickets.

- Foreign Key: Tickets table's ServiceRequestID column references the ServiceRequest table's ServiceRequestID column.

8. Account and Payment:

- One-to-Many Relationship: Each account can have one or more payments.

- Foreign Key: Payment table's AccountID column references the Account table's Account column.

9. Account and Invoice:

- One-to-Many Relationship: Each account can have one or more invoices.

- Foreign Key: Invoice table's AccountID column references the Account table's Account column.

1. Account and AccountPlanDetails:

- One-to-Many Relationship: Each account can have one or more account plan details.

- Foreign Key: AccountPlanDetails table's AccountID column references the Account table's Account column.

These relationships define how data in different tables is related to each other, allowing for efficient retrieval and management of information within the database.