Database Mail Not Configured

A SQL Server Database Mail profile is a feature within Microsoft SQL Server that enables the database system to send emails. It is part of the Database Mail system, which was introduced in SQL Server 2005 to replace the older SQLMail. The Database Mail is designed to operate asynchronously, separate from SQL Server's engine, making it more reliable and secure for sending email notifications.

If database mail is not configured then SQL Server cannot use email as a way to notify on events, like alerts or job failures.

Here's a breakdown of the key components:

- **Database Mail Profile**: A Database Mail profile is essentially a collection of email accounts. These profiles determine the properties of the email messages that SQL Server sends. You can configure one or more profiles in a SQL Server instance, and each profile can include one or more email accounts.

- **Database Mail Account**: An account within a Database Mail profile contains the details necessary for SQL Server to connect to an email server. This includes the email server name (SMTP server), the authentication method to be used, the email address from which the emails will be sent, and other related settings.

https://youtu.be/MbTSid7MBZY?si=DvM7pXJU0W6KW-oA

When configuring Database Mail, you would first set up one or more accounts with the details of your SMTP server(s) and the email address(es) you wish to use for sending out emails. Then, you would create a profile and add these accounts to the profile. You can prioritize the accounts within a profile, dictating the order in which SQL Server will attempt to use them to send emails.

SQL Server jobs, alerts, and operators can use Database Mail profiles to send notifications for job completions, errors, or other significant events that occur within the SQL Server environment. This is particularly useful for database administrators and developers who need to monitor SQL Server instances and be alerted about certain conditions or events via email.