



Deployment Plan for Mail Integration in VIT

Below is the detailed installation and configuration plan required to enable Microsoft 365 email integration within the VIT environment. All steps follow the client's security constraints and assume restricted internet access.

Required Software

- **VIT (Vector Issue Tracker)**
 - **Modern Web Browser** (Chrome recommended)
Required for Azure login flow; Internet Explorer cannot access the Microsoft OAuth endpoint.
 - **Notepad++**
For viewing large log files.
 - **HMailServer**
Local connection only.
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Project Objective

Enable Microsoft 365 email functionality within VIT using OAuth2 authentication, secure token storage, and automated scheduled tasks.

Database Preparation

A new configuration database is required to store Azure OAuth tokens.

- A pre-created database folder will be copied to the correct path on the database server.
 - This database will store:
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- Tenant ID
 - Client ID / secret (if applicable)
 - OAuth tokens
 - Mail integration configuration
 - Attach said database to the server
 - Censusapplication user should be the dbowner
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External URLs Required

The server must be able to reach the following Microsoft OAuth endpoint:

Plain Text

<https://login.microsoftonline.com/1d7a1a92-ab12-44a0-abc7-54710983b297/oauth2/v2.0/authorize>

Scheduled Tasks to Create

1. **Get Mail**
 2. **Refresh Token**
 3. **Copy from SMTP Server to POP Server**
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Step-by-Step Implementation Plan

1. **Attaching and configure the *Configuration* database.**
Insert all necessary values such as TenantId, MailClient, etc.
 2. **Create the project inside VIT Projects.**
Apply SQL updates included in *additional sql.txt*.
 3. **Assign the DataStore.**
Confirm that all paths in the configuration match the server structure.
 4. **Copy the Configuration.cen file**
Place it in:
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C:\Program Files (x86)\Vector\IssueTrackerServer\
Maintain the same folder structure as in the source location.

5. Update the HelpDesk02 definition.

In helpDesk02.def/tblMailIntegration, add fields:

- tLastProcessedEmail
- nConfigurationItem = 5
(SQL included in *additional sql.txt*)

6. Install the required C++ Redistributable

Install VC_redist.x86.exe (needed for Chilkat on Windows Server 2012).

7. Ensure the server can access the Microsoft OAuth URL.

If Internet Explorer fails, install Chrome (ChromeSetup.exe) and set it as the default browser.

8. Install GetToken.exe.

This tool only needs to be placed in the directory where it will run.

9. Create a Scheduled Task to run GetToken.exe every 45 minutes.

10. Create a Scheduled Task for Mail Integration execution.

11. Run GetToken.exe manually once

Authenticate using the designated Microsoft 365 user account.

12. Test the Mail Integration

Confirm that token refresh, mail retrieval, and message synchronization are working correctly.