

Known issues and troubleshooting tips for the MSIX Packaging Tool

1. MSIX Troubleshooter (Advanced Installer)

A popular tool that automatically detects and solves MSIX installation issues.

Key Features:

- Automatic Log Analysis: Scans installation logs to find error causes.
- Smart Event Log Filtering: Highlights only relevant errors.
- Issue Diagnosis Report: Creates a detailed report of the issue.
- Built-in Fixes: Can fix some issues automatically.

2. MSIX Packaging Tool with Package Analyzer (Microsoft)

This built-in tool helps you analyze your MSIX package and suggests improvements.

Key Features:

- Package Analysis: Detects configuration and structure issues.
- Runtime Issue Detection: Suggests how to fix runtime errors.
- Supports GUI and CLI: Offers both Graphical User Interface and Command Line Interface for flexibility.

3. Event Viewer (Manual Log Review)

Built-in Windows tool to manually view MSIX installation logs.

How to use:

- Open Event Viewer.
- Navigate to: Applications and Services Logs > Microsoft > Windows > AppXDeployment-Server
- Review the logs for error codes and descriptions.

4. Other Tools & Techniques

- `dumpbin.exe /headers`: Command-line tool to check PE headers and identify certificate or file corruption.
- **PowerShell**: Use scripts to access and review AppInstaller interaction logs.
- **MSIXMGR Tool**: Especially useful for Azure Virtual Desktop, helps manage MSIX packages efficiently.

5. Troubleshooting Workflow

1. Identify the Issue

Use MSIX Troubleshooter or Event Viewer to understand the error.

2. Analyze the Logs

Look for specific error codes in logs for targeted diagnosis.

3. Apply Fixes

Use built-in solutions from MSIX Troubleshooter or correct manually using log insights.

4. Re-package and Deploy

Once fixed, repackage your MSIX file and redeploy