VERTIGIS STUDIO SEARCH · ON-PREMISES

CVE-2026-114938 mitigation

How to apply the temporary mitigation on an on-premises Windows Search host.

> **Plan a maintenance window:** the script updates Search launch settings and stops and restarts Search services.

Before you begin

- **Product version:** Use this script only with VertiGIS Studio Search 1.18.0 or higher. Do not run it on earlier versions.
- Place `Apply-CVE-2026-114938-Mitigation.ps1` in the outer `search` folder, alongside `Engine`, `start.cmd`, and `stop.cmd`.
- Use Windows PowerShell 5.1 on the Search host. The script requests administrator elevation if needed.

Run the script

1. **Open PowerShell**

   Open Windows PowerShell 5.1 on the on-premises host. Run it as an administrator, or accept the script's UAC elevation prompt.

2. **Go to the outer search folder**

   For a standard installation, run:

   ```
   Set-Location 'C:\Program Files\VertiGIS\VertiGIS Studio Search\search'
   ```

   If Search is installed elsewhere, use that installation's `search` folder.

3. **Apply the mitigation**

   ```
   .\Apply-CVE-2026-114938-Mitigation.ps1
   ```

   Let the script finish. It uses the outer `stop.cmd` and `start.cmd` wrappers to stop and start the Search services. If PowerShell reports that script execution is disabled, follow optional step 4, then run this command again.

4. **Allow scripts in this window, only if execution is blocked**

   If PowerShell reports that script execution is disabled, use a process-scoped setting:

   ```
   Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass -Force
   ```

   This applies only to the current PowerShell process and resets when the window closes. It does not change the machine-wide policy. If your organization enforces policy, contact your administrator instead of trying to override it.

Confirm completion

- Look for: `Mitigation configured and all Search services are running.`
- The script updates the Search module and Solr launch settings under `Engine\bin`. It creates timestamped `.bak` copies of files before changing them.
- If restart verification fails, the configuration may already be saved. Review the error and verify service health before ending the maintenance window.

> If your organization enforces script execution policy, contact your administrator rather than trying to override it.