

How to troubleshoot "Unable to locate the Microsoft .NET disassembler tool (ildasm)..."



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Question

How do I resolve issues reported by the Fortify scan of the form: "Unable to locate the Microsoft .NET disassembler tool (ildasm)..."

Answer

The error indicates that Fortify is unable to find the `ildasm` executable. This error generally occurs when `ildasm` is installed in a non-standard location or if integrating Fortify scanning with MSBuild on a machine where Visual Studio is not installed. To resolve this issue, please make sure you have Visual Studio .NET version 7.1 (also known as Visual Studio .NET 2003) or greater installed along with the SDK. Then set the `com.fortify.sca.IldasmPath` property to indicate where `ildasm` is installed. The property may be set in the `fortify-sca.properties` file (see the [User Guide](#) for location of this file) or it may be set on the command line using the `-D` option as shown below:

```
sourceanalyzer -b <buildid>  
-Dcom.fortify.sca.IldasmPath=C:/path/to/ildasm/ildasm.exe <solution>
```

If scanning from one of the graphical interfaces, please see the technical note on [how to enter command-line arguments into Audit Workbench or Fortify IDE plugin](#).

References

- HPE Fortify Static Code Analyzer User Guide, Appendix D: MSBuild Integration

HPE Fortify Version	16.11 and later
Programming Language	<input type="checkbox"/> C/C++ <input checked="" type="checkbox"/> .NET <input type="checkbox"/> Java <input type="checkbox"/> Objective-C <input type="checkbox"/> Other
Fortify Audit Workbench	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fortify IDE Plugin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Other Fortify Component	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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