Build Master DevOps and IntelliTrace Checklist

## Build Master Quick Reference

For configuring IntelliTrace and memory dumps, the build master is the enabler between Developers and Operations. It is critical that the public builds are configured to store the PDBs/Symbols on the Symbol Server with each build configured to publish symbols.

### Hands on Labs

Use the detailed step-by-step HOL to help configure the build server and build definitions for IntelliTrace.

[INTELLITRACE - SYMBOLS CONFIGURATION & BUILD](hol)

## Terms to Know

**Symbols** – PDB files containing the mapping between binaries and source files.

**Symbol Server** – Central repository for PDBs and binaries for public builds. Can be a share on any server, but it is recommended to a friendly DNS name.

**Source Server** – Keeps track of source location, branch, and changeset so it can be indexed and linked to the proper symbols.

**Index Server** – Manages multiple versions of symbols to the corresponding versions of the binaries.

## Developers Want…

Symbol Server configured

Build Definitions configured to use Symbol Server

## Operations Want…

Ability to provide detailed IntelliTrace logs when developers request them for detailed analysis.

## 

## Build Server Setup Checklist

* Create **Symbols** DNS Entry
* Create Symbols Share  
  **\\symbol-server\symbols**
* Set Share Permissions   
  build service account -> write permission  
  developers -> read access

## Build Definition Setup Checklist

* Index Sources: **True**
* Path to Publish Symbols:   
  [**\\symbol-server\symbols**](file:///\\symbol-server\symbols)
* Update Builds used for production  
  **Set to Keep Indefinitely**
* Update Retention Policy  
  **Ensure Symbols are deleted**

## For More Information…

Refer to these links for more information about DevOps and IntelliTrace.

[Cheatsheet – Dev](5092%20-%20Cheatsheet%20-%20Dev.pptx)

[Cheatsheet - Ops](5093%20-%20Cheatsheet%20-%20Ops.pptx)