

## Enhancements in this release (59.07)

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This release of GA-11 (59.07) includes the following updates:

### New Function

- Completely new JIT code
  - JIT now incorporates the open-source Eclipse OMR technology as the basis for the JIT compiler.
- Added Capstone Disassembler to improve debug capabilities.
  - manop command - **disasm** <addr>
- zPDT core Dump Enhancement
  - The key element is the inclusion of many (or all) of the Linux library files that are relevant to the failing program.
- Support for New hardware token
  - Support was provided in GA11 FixPack 2 . But the new tokens have not shipped yet. Please see the **Addendum** below for more information for when the new tokens are provided.

### 3. Fixed in this release

- The timeouts associated with the awstop command have been slightly lengthened to avoid unexpected messages while ending zPDT operation.
  - (was also provided in GA11 FixPack 2)
- Add Leap second switch in devmap
  - Please read the **Addendum**, section “**LEAP SECONDS**”, in this document.
  - (was also provided in GA11 FixPack 2)
- Crypto Express 8s level, CCA version 8.1.71i. This provides some minor internal fixes.  
(was also provided in GA11 FixPack 2)
- **z1090instcheck reports problems on Fedora 38 / 39 and added support new core pattern enhancement.**

The previous release of GA-11 (57.16) included the following updates:

- Introducing the support for the new Gen2 1090 hardware token.
- The timeouts associated with the awstop command have been slightly lengthened to avoid unexpected messages while ending zPDT operation.
- Add Leap second switch in devmap
  - ◆ Please read the **Addendum** , section “**LEAP SECONDS**”, in this document.
- **Crypto Express 8s level, CCA version 8.1.71i . This provides some minor internal fixes.**