IBM Z Software Migration Capacity Planning Aid

IBM Z Software Migration Capacity Planning Aid (IBM zSoftCap) is a PC-based productivity tool under Windows, designed to assess the effect on IBM Z processor capacity, when planning to upgrade to a more current operating system version and/or major subsystems versions. **IBM zSoftCap** assumes that the hardware configuration remains constant while the software version or release changes. The capacity implication of an upgrade for the software components can be assessed independently or in any combination.

z/OS Environments Supported

- **z/OS**:   **z/OS V1R10** through **z/OS 3.2**
- **CICS**:   **CICS TS-1.1** through **CICS TS-6.1**
- **IMS**:   **IMS V4** through **IMS V15**

Input required by **IBM zSoftCap** includes the current z/OS version/release and the utilization represented by each of the following components: **Batch**, **CICS**, **DB2**, **IMS**, **Web**, and **System**. The planned future z/OS version/release must also be specified. The processor family, the N-way of the image, and the use of HiperDispatch (supported on z10 and later) are all considered.

For **CICS** and **IMS** software upgrades (optional), both the current and planned version/release, and a high-level description of the subsystem's implementation is required.

z/VSE Environments Supported

- **z/VSE**:   **z/VSE/ESA-5.1** through **z/VSE-6.2**
- **CICS**:   **CICS/TS-1.1** through **CICS/TS-2.2** (dependent on z/VSE version)

Information Provided

Results show the effective change in processor utilization and the net benefit or cost in capacity that can be expected when moving to newer software versions. For z/OS environments, if upgrading multiple components, a report is available showing the effect of each as well as their combined effect on capacity.

IBM Employees can obtain **IBM zSoftCap** and other IBM CPS Tools via the Intranet at:
w3.ibm.com/w3publisher/wsc-ibm-z/capacity-and-performance/capacity-sizing

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