

# V-Share

## Overview

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# V-Share

**V-Share allows multiple programs to update the same VSAM file simultaneously by giving batch jobs the ability to update files within CICS.**

- V-Share consists of three basic components:
  - ✓ The first component executes in the batch programs area—it intercepts the I/O requests and ships them to the second component of V-Share residing in CICS
  - ✓ The second component of V-Share resides in the CICS region owning the VSAM files—it performs all of the VSAM I/O on behalf of the batch job
  - ✓ The third component of V-Share also resides in the CICS region—it comprises a series of online programs providing the following functions:
    - ✧ Define CICS regions to use V-Share
    - ✧ Define jobs eligible to use V-Share
    - ✧ Monitor active jobs currently using V-Share
    - ✧ Suspend a job that is currently active
    - ✧ Restart a job previously suspended
    - ✧ Cancel a job
    - ✧ Reduce the rate of I/O requests being sent to CICS in the event of heavy online activity
    - ✧ Review prior executions of batch jobs
  
- The first and second components communicate through VTAM or through z/VSE Cross Memory Services
  - ✓ VTAM can be used when the batch job and the CICS region reside either on the same CPU or on different CPUs
  - ✓ Cross Memory Services provide a performance boost but the batch job and the CICS region must be in the same z/VSE system



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