

## Silo - Bug # 833: seek offset wrong in ioperf\_sec2 if alignment option specified

|                        |  |              |        |
|------------------------|--|--------------|--------|
| Status:                | New  | Priority:    | Normal |
| Author:                | Ruth Aydt  | Category:    |        |
| Created:               | 08/31/2011   | Assigned to: |        |
| Updated:               | 08/31/2011   | Due date:    |        |
| Likelihood:            | 3 - Occasional   |              |        |
| Severity:              | 2 - Minor Irritation   |              |        |
| Silo Found in Version: | 4.8  |              |        |
| OS:                    | All  |              |        |
| Support Group:         | Any  |              |        |
| Subject:               | seek offset wrong in ioperf_sec2 if alignment option specified   |              |        |
| Description:           | In ioperf_sec2.c, the function Write_sec2 uses the wrong seek value if options.alignment is set.   |              |        |
|                        | Existing code, with incorrect line marked by /** wrong seek value **/ comment is:  |              |        |
|                        | <pre>static int Write_sec2(void *buf, size_t nbytes) {     if (options.alignment &gt; 0)     {         off_t cur = lseek(fd, 0, SEEK_CUR);         off_t remainder = cur % options.alignment;         if (remainder &gt; 0)             lseek(fd, remainder, SEEK_CUR); /* wrong seek value */     }      return write(fd, buf, nbytes); }</pre> |              |        |
|                        | Corrected code is:   |              |        |
|                        | <pre>if ( remainder &gt; 0 ) {     lseek(fd, (options.alignment-remainder), SEEK_CUR); }</pre>   |              |        |

### History