PKWARE

PKWARE® z/OS® HIPER Notification

HIPER ID: V14TT7559

Announced: March 13, 2013

Affected Products:
PKZIP® and SecureZIP® for z/OS® version14.0, releases 3 through 5.

Affected Feature:
Application programs invoking PKZIP or PKUNZIP repetitively (thousands of times) from a single job step, with zIIP enabled, may put the System area ESQA under stress.

Required Processing Parameters: `–ZIIP_RUNOPTS=Y`

Notification Details:
The PKWARE z/OS Development team has identified the above scenario, which could result in excessive ESQA usage.

When system parameters (e.g. CHECK(IBMVSM,VSM_SQA_THRESHOLD) or CHECK(IBMVSM,VSM_CSA_THRESHOLD)) are set to report on excessive ESQA usage, z/OS monitoring messages will be written. For example;

```
IGVH100E ESQA has exceeded the threshold percentage of 80%
Current allocation is 122% of 13628K. Allocation exceeds 100% because 1261
(E)CSA pages were converted to (E)SQA.
```

Action Required:
Workaround:
Stop, and restart the JOB or STC that repetitively invokes PKZIP/PKUNZIP to allow the system to clean up elements held in ESQA.

Recommended:
The fix for this has been incorporated into PKZIP® and SecureZIP® for z/OS v14.0, beginning with Refresh 6. The latest Refresh for SecureZIP for z/OS v14.0 may be obtained from the following link:

http://www.pkware.com/support/zos/updates

Contact PKWARE:
If additional information is required regarding this announcement, please contact the PKWARE Technical Support Team at +1.937.847.2687 (option 2).