Z34 - IP STATISTICS

This table contains information regarding the transactions between the client and the PC server and the client and the www server. A Z34 record can be generated automatically by the system when a transaction between the client and the server takes place. For automatic generation, the **create_statistics** flag in alephe/ www_server.conf and alephe/pc_server_defaults and must be set to **Y**. Z34 records can be manually created using UTIL S. Note that for the statistics record to be created, there must be a last-z34-sequence defined in UTIL G/2 (Z52) of the 'pw' library.

There is only one Z34 table per server (regardless of the libraries set up). The Z34 table must be included in the file_list of the library defined for the pw_library variable of the aleph_start file.

If the Z34 table is automatically generated, it should be periodically deleted. This can be done through UTIL/A/13.

Conversion is not applicable.

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left-aligned with trailing spaces; all numeric fields are right-aligned with leading zeroes. Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V.

```
02 Z34-REC-KEY.
   03 Z34-SEQUENCE          PICTURE 9(7).
  02 Z34-LIBRARY            PICTURE X(5).
  02 Z34-TYPE               PICTURE X(1).
  02 Z34-SERVER-NO          PICTURE 9(6).
  02 Z34-READ               PICTURE 9(6).
  02 Z34-WRITE              PICTURE 9(6).
  02 Z34-IP-ADDRESS         PICTURE X(20).
  02 Z34-START-DATE         PICTURE 9(8).
  02 Z34-START-HOUR         PICTURE 9(6).
  02 Z34-END-DATE           PICTURE 9(8).
  02 Z34-END-HOUR           PICTURE 9(6).
  02 Z34-SERVICE            PICTURE X(200).
  02 FILLER                 PICTURE X(26).
  02 Z34-IP-ADDRESS-V6      PICTURE X(50).
```

Z34-REC-KEY			
Z34-SEQUENCE	M	9(7) Leading zeroes	**DESC:** Sequence number of the transaction. Unique identifier.
Z34-LIBRARY	O	X(5)	**DESC:** Library code of the library involved in the transaction (relevant for PC server statistics).
Z34-TYPE	M	X(1)	**DESC:** Server type. Values are: **W** = www server **P** = PC server
Z34-SERVER-NO	M	9(6)	**DESC:** Server number.
Z34-READ	M	9(6)	**DESC:** Number of bytes read by the server.
Z34-WRITE	M	9(6)	**DESC:** Number of bytes written by the server.
Z34-IP-ADDRESS	M	X(20)	**DESC:** IP address of the client.
Z34-START-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the transaction started.
Z34-START-HOUR	M	9(6) Format: HHMMSS	**DESC:** Hour the transaction started.
Z34-END-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the transaction ended.
Z34-END-HOUR	M	9(6) Format: HHMMSS	**DESC:** Hour the transaction ended.
Z34-SERVICE	M	X(200)	**DESC:** Defines the type of service requested by the client. It is provided by the system according to the request and the type of server.
Z34-IP-ADDRESS-V6	O	X(50)	**DESC**: For future use