# RLZDD$ - Remove Leading Zeroes from Dotted-Decimal IP Address

The RLZDD$ routine removes any leading zeroes from the numeric sections of a dotted-decimal IP address.

## 1. Invocation

To normalize a dotted-decimal IP Address code:

```
CALL RLZDD$ USING x15
```

where *x15* is a PIC X(15) field containing the dotted-decimal IP address to be normalised.

## 2. STOP Codes and Exception Conditions

No STOP codes are generated by RLZDD$.

No EXIT codes are returned by RLZDD$.

## 3. Programming Notes

RLZDD$ is only available with GSM SP-27, or later.

Some IP addresses may contain a leading zero that indicates the format is “dotted octal”. For example, see: http://support.microsoft.com/kb/115388.

RLZDD$ removes any leading zeroes from all the portions of a dotted-decimal IP address. For example:

123.456.789.123 is converted to 123.456.789.123
012.345.678.567 is converted to 12.345.678.567
001.023.456.001 is converted to 1.23.456.1
127.000.000.001 is converted to 127.0.0.1

The results will be unpredictable if the “IP address” is not in the format *nnn.nnn.nnn.nnn*.

## 4. Examples

[EXAMPLES REQUIRED]

## 5. Copy-Books

None.

## 6. See Also

| | |
|---|---|
| GETIP$ | Get dotted-decimal IP address of PC running GX |
| HOSIP$ | Get dotted-decimal IP address of GSM host |
| CMPIP$ | Compare IP address of Global server and PC running GX |