



**Miva Empresa with Virtual Machine 4.10**  
**Release Note**  
Revision 1.1

## **Bugs Fixed:**

Note: If you are upgrading from a previous version of Miva Empresa Virtual Machine, please make sure that you are replacing the existing env.so with the new env.so from the v4.10 distribution.

1. LinkPoint commerce libraries now entity encode text such as company names and other billing information, to enable customers with characters such as "&" in their names to work correctly.
2. If the LinkPoint commerce library is not explicitly passed req\_addrnum field, the req\_baddr1 field MUST contain a digit or list of contiguous digits, or an "Invalid billing address information."
3. If the req\_addrnum field is explicitly passed to the LinkPoint Commerce Library, it cannot be blank or zero.
4. The validextensions tag with the 3.x configuration works properly now.

## **New Features:**

1. Support for FreeBSD4 with pthreads.
2. MvCONFIG\_FLAGS\_REDIRECTONLY, if set (to any value) will cause the environment based config to do a redirect-check and refuse to run if not running under Apache redirect.
3. MvCONFIG\_VALIDEXTENSIONS, if set, contains a comma-separated list of extensions that are allowed.