

## 安装Zabbix报错解决

1. 安装mysql
2. 安装PHP
3. 安装nginx
4. 安装Zabbix

yum search php- : to see the available options for PHP modules and libraries.

yum info package\_name

### 2. 安装PHP报错 :

```
[root@localhost php-7.1.6]# ./configure --prefix=/usr/local/php --with-curl --with-jpeg-dir=/usr/local/jpeg --with-gd --with-freetype-dir --with-gettext --with-iconv-dir --with-kerberos --with-libdir=lib64 --with-libxml-dir --with-mysqli --with-openssl --with-pcre-regex --with-pdo-mysql --with-pdo-sqlite --with-pear --with-png-dir --with-xmldrpc --with-xsl --with-zlib --enable-fpm --enable-bcmath --enable-calendar --enable-libxml --enable-inline-optimization --enable-gd-native-ttf --enable-mbregex --enable-mbstring --enable-opcache --enable-pcntl --enable-shmop --enable-soap --enable-sockets --enable-sysvsem --enable-sysvshm --enable-xml --enable-zip --disable-fileinfo
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for a sed that does not truncate output... /bin/sed
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... x86_64-unknown-linux-gnu
checking for cc... cc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether cc accepts -g... yes
checking for cc option to accept ISO C89... none needed
checking how to run the C preprocessor... cc -E
checking for icc... no
checking for suncc... no
checking whether cc understands -c and -o together... yes
checking how to run the C preprocessor... cc -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking minix/config.h usability... no
checking minix/config.h presence... no
checking for minix/config.h... no
checking whether it is safe to define __EXTENSIONS__... yes
checking whether ln -s works... yes
checking for system library directory... lib64
checking whether to enable runpaths... yes
checking if compiler supports -R... no
```

checking if compiler supports -Wl,-rpath,... yes  
checking for gawk... gawk  
checking for bison... no  
checking for byacc... no  
checking for bison version... invalid  
configure: WARNING: This bison version is not supported for regeneration of the Zend/PHP parsers (found: none, min: 204, excluded: ).  
checking for re2c... no  
configure: WARNING: You will need re2c 0.13.4 or later if you want to regenerate PHP parsers.  
checking whether to enable computed goto gcc extension with re2c... no  
checking whether to force non-PIC code in shared modules... no  
checking whether /dev/urandom exists... yes  
checking whether /dev/arandom exists... no  
checking for global register variables support... no  
checking for pthreads\_cflags... -pthread  
checking for pthreads\_lib... pthread

#### Configuring SAPI modules

checking for Apache 2.0 handler-module support via DSO through APXS... no  
checking for setproctitle... no  
checking sys/pstat.h usability... no  
checking sys/pstat.h presence... no  
checking for sys/pstat.h... no  
checking for PS\_STRINGS... no  
checking for CLI build... yes  
checking for embedded SAPI library support... no  
checking for FPM build... yes  
checking for setenv... yes  
checking for clearenv... yes  
checking for setproctitle... (cached) no  
checking for library containing socket... none required  
checking for library containing inet\_addr... none required  
checking errno.h usability... yes  
checking errno.h presence... yes  
checking for errno.h... yes  
checking fcntl.h usability... yes  
checking fcntl.h presence... yes  
checking for fcntl.h... yes  
checking stdio.h usability... yes  
checking stdio.h presence... yes  
checking for stdio.h... yes  
checking for stdlib.h... (cached) yes  
checking for unistd.h... (cached) yes  
checking sys/uio.h usability... yes  
checking sys/uio.h presence... yes  
checking for sys/uio.h... yes  
checking sys/select.h usability... yes  
checking sys/select.h presence... yes  
checking for sys/select.h... yes  
checking sys/socket.h usability... yes  
checking sys/socket.h presence... yes  
checking for sys/socket.h... yes  
checking sys/time.h usability... yes  
checking sys/time.h presence... yes  
checking for sys/time.h... yes  
checking arpa/inet.h usability... yes  
checking arpa/inet.h presence... yes  
checking for arpa/inet.h... yes

checking netinet/in.h usability... yes  
checking netinet/in.h presence... yes  
checking for netinet/in.h... yes  
checking sysexits.h usability... yes  
checking sysexits.h presence... yes  
checking for sysexits.h... yes  
checking for prctl... yes  
checking for clock\_gettime... no  
checking for clock\_gettime in -lrt... yes  
checking for ptrace... yes  
checking whether ptrace works... yes  
checking for proc mem file... mem  
checking if gcc supports \_\_sync\_bool\_compare\_and\_swap... yes  
checking for TCP\_INFO... yes  
checking for sysconf... yes  
checking for times... yes  
checking for kqueue... no  
checking for port framework... no  
checking for /dev/poll... no  
checking for epoll... yes  
checking for poll... yes  
checking for select... yes  
checking for apparmor... no  
checking for LiteSpeed support... no  
checking for phpdbg support... yes  
checking for phpdbg web SAPI support... no  
checking for phpdbg debug build... no  
checking whether termios.h defines TIOCGWINSZ... no  
checking whether sys/ioctl.h defines TIOCGWINSZ... yes  
checking for CGI build... yes  
checking for socklen\_t in sys/socket.h... yes  
checking for sun\_len in sys/un.h... no  
checking whether cross-process locking is required by accept()... no  
checking for chosen SAPI module... none  
checking for executable SAPI binaries... cli fpm phpdbg cgi

#### Running system checks

checking for sendmail... /usr/sbin/sendmail  
checking whether system uses EBCDIC... no  
checking whether byte ordering is bigendian... no  
checking whether writing to stdout works... This is the test message -- yes  
checking for socket... yes  
checking for socketpair... yes  
checking for htonl... yes  
checking for gethostname... yes  
checking for gethostbyaddr... yes  
checking for yp\_get\_default\_domain... no  
checking for \_\_yp\_get\_default\_domain... no  
checking for yp\_get\_default\_domain in -lnsl... yes  
checking for dlopen... no  
checking for \_\_dlopen... no  
checking for dlopen in -ldl... yes  
checking for sin in -lm... yes  
checking for inet\_aton... yes  
checking for ANSI C header files... (cached) yes  
checking for dirent.h that defines DIR... yes  
checking for library containing opendir... none required  
checking for inttypes.h... (cached) yes

checking for stdint.h... (cached) yes  
checking for dirent.h... yes  
checking for ApplicationServices/ApplicationServices.h... no  
checking for sys/param.h... yes  
checking for sys/types.h... (cached) yes  
checking for sys/time.h... (cached) yes  
checking for netinet/in.h... (cached) yes  
checking for alloca.h... yes  
checking for arpa/inet.h... (cached) yes  
checking for arpa/nameser.h... yes  
checking for assert.h... yes  
checking for crypt.h... yes  
checking for dns.h... no  
checking for fcntl.h... (cached) yes  
checking for grp.h... yes  
checking for ieee754.h... no  
checking for langinfo.h... yes  
checking for limits.h... yes  
checking for locale.h... yes  
checking for monetary.h... yes  
checking for netdb.h... yes  
checking for poll.h... yes  
checking for pwd.h... yes  
checking for resolv.h... yes  
checking for signal.h... yes  
checking for stdarg.h... yes  
checking for stdlib.h... (cached) yes  
checking for string.h... (cached) yes  
checking for syslog.h... yes  
checking for sysexits.h... (cached) yes  
checking for sys/ioctl.h... yes  
checking for sys/file.h... yes  
checking for sys/mman.h... yes  
checking for sys/mount.h... yes  
checking for sys/poll.h... yes  
checking for sys/resource.h... yes  
checking for sys/select.h... (cached) yes  
checking for sys/socket.h... (cached) yes  
checking for sys/stat.h... (cached) yes  
checking for sys/statfs.h... yes  
checking for sys/statvfs.h... yes  
checking for sys/vfs.h... yes  
checking for sys/sysexits.h... no  
checking for sys/varargs.h... no  
checking for sys/wait.h... yes  
checking for sys/loadavg.h... no  
checking for termios.h... yes  
checking for unistd.h... (cached) yes  
checking for unix.h... no  
checking for utime.h... yes  
checking for sys/utsname.h... yes  
checking for sys/ipc.h... yes  
checking for dlfcn.h... yes  
checking for assert.h... (cached) yes  
checking for fopencookie... yes  
checking for broken getcwd... no  
checking for broken libc stdio... yes  
checking whether struct tm is in sys/time.h or time.h... time.h

checking for struct tm.tm\_zone... yes  
checking for missing declarations of reentrant functions... done  
checking for fclose declaration... ok  
checking for tm\_gmtoff in struct tm... yes  
checking for struct flock... yes  
checking for socklen\_t... yes  
checking size of size\_t... 8  
checking size of long long... 8  
checking size of long long int... 8  
checking size of long... 8  
checking size of int... 4  
checking size of intmax\_t... 8  
checking size of ssize\_t... 8  
checking size of ptrdiff\_t... 8  
checking size of short... 2  
checking size of int... (cached) 4  
checking size of long... (cached) 8  
checking size of long long... (cached) 8  
checking for int8... no  
checking for int16... no  
checking for int32... no  
checking for int64... no  
checking for int8\_t... yes  
checking for int16\_t... yes  
checking for int32\_t... yes  
checking for int64\_t... yes  
checking for uint8... no  
checking for uint16... no  
checking for uint32... no  
checking for uint64... no  
checking for uint8\_t... yes  
checking for uint16\_t... yes  
checking for uint32\_t... yes  
checking for uint64\_t... yes  
checking for u\_int8\_t... yes  
checking for u\_int16\_t... yes  
checking for u\_int32\_t... yes  
checking for u\_int64\_t... yes  
checking for \_\_builtin\_expect... yes  
checking for \_\_builtin\_clz... yes  
checking for \_\_builtin\_ctzl... yes  
checking for \_\_builtin\_ctzll... yes  
checking for struct stat.st\_blksize... yes  
checking for struct stat.st\_blocks... yes  
checking for struct stat.st\_rdev... yes  
checking for size\_t... yes  
checking for uid\_t in sys/types.h... yes  
checking for struct sockaddr\_storage... yes  
checking for field sa\_len in struct sockaddr... no  
checking for IPv6 support... yes  
checking for vprintf... yes  
checking for \_doprnt... no  
checking for alphasort... yes  
checking for asctime\_r... yes  
checking for chroot... yes  
checking for ctime\_r... yes  
checking for cuserid... yes  
checking for crypt... no

checking for flock... yes  
checking for ftok... yes  
checking for funopen... no  
checking for gai\_strerror... yes  
checking for gcvt... yes  
checking for getloadavg... yes  
checking for getlogin... yes  
checking for getprotobyname... yes  
checking for getprotobyname... yes  
checking for getservbyname... yes  
checking for getservbyport... yes  
checking for gethostname... (cached) yes  
checking for getrusage... yes  
checking for gettimeofday... yes  
checking for gmtime\_r... yes  
checking for getpwnam\_r... yes  
checking for getgrnam\_r... yes  
checking for getpwuid\_r... yes  
checking for grantpt... yes  
checking for inet\_ntoa... yes  
checking for inet\_ntop... yes  
checking for inet\_pton... yes  
checking for isascii... yes  
checking for link... yes  
checking for localtime\_r... yes  
checking for lockf... yes  
checking for lchown... yes  
checking for lrand48... yes  
checking for memcpy... yes  
checking for memmove... yes  
checking for mkstemp... yes  
checking for mmap... yes  
checking for nl\_langinfo... yes  
checking for perror... yes  
checking for poll... yes  
checking for ptsname... yes  
checking for putenv... yes  
checking for realpath... yes  
checking for random... yes  
checking for rand\_r... yes  
checking for scandir... yes  
checking for setitimer... yes  
checking for setlocale... yes  
checking for localeconv... yes  
checking for setenv... (cached) yes  
checking for setpgid... yes  
checking for setsockopt... yes  
checking for setvbuf... yes  
checking for shutdown... yes  
checking for sin... yes  
checking for snprintf... yes  
checking for srand48... yes  
checking for srandom... yes  
checking for statfs... yes  
checking for statvfs... yes  
checking for std\_syslog... no  
checking for strcasecmp... yes  
checking for strcoll... yes

checking for strdup... yes  
checking for strerror... yes  
checking for strptime... yes  
checking for strlen... yes  
checking for strptime... yes  
checking for strstr... yes  
checking for strtok\_r... yes  
checking for symlink... yes  
checking for tempnam... yes  
checking for tzset... yes  
checking for unlockpt... yes  
checking for unsetenv... yes  
checking for usleep... yes  
checking for utime... yes  
checking for vsnprintf... yes  
checking for vasprintf... yes  
checking for asprintf... yes  
checking for nanosleep... yes  
checking for nanosleep in -lrt... yes  
checking for getaddrinfo... yes  
checking for \_\_sync\_fetch\_and\_add... yes  
checking for strlcat... no  
checking for strlcpy... no  
checking for getopt... yes  
checking for utime.h... (cached) yes  
checking whether utime accepts a null argument... yes  
checking for working alloca.h... yes  
checking for alloca... yes  
checking for declared timezone... yes  
checking for type of reentrant time-related functions... POSIX  
checking for readdir\_r... yes  
checking for type of readdir\_r... POSIX  
checking for in\_addr\_t... yes  
checking for crypt\_r... no

#### General settings

checking whether to include gcov symbols... no  
checking whether to include debugging symbols... no  
checking layout of installed files... PHP  
checking path to configuration file... DEFAULT  
checking where to scan for configuration files...  
checking whether to enable PHP's own SIGCHLD handler... no  
checking whether to explicitly link against libgcc... no  
checking whether to enable short tags by default... yes  
checking whether to enable dmalloc... no  
checking whether to enable IPv6 support... yes  
checking whether to enable DTrace support... no  
checking how big to make fd sets... using system default

#### Configuring extensions

checking size of long... (cached) 8  
checking size of int... (cached) 4  
checking for int32\_t... yes  
checking for uint32\_t... yes  
checking for sys/types.h... (cached) yes  
checking for inttypes.h... (cached) yes  
checking for stdint.h... (cached) yes  
checking for string.h... (cached) yes

checking for stdlib.h... (cached) yes  
checking for strtoll... yes  
checking for atoll... yes  
checking for strptime... (cached) yes  
checking for gettimeofday... (cached) yes  
checking whether to enable LIBXML support... yes  
checking libxml2 install dir... yes  
checking for xml2-config path... /usr/bin/xml2-config  
checking whether libxml build works... yes  
checking for OpenSSL support... yes  
checking for Kerberos support... yes  
checking whether to use system default cipher list instead of hardcoded value... no  
checking for krb5-config... /usr/bin/krb5-config  
checking for RAND\_egd... no  
checking for pkg-config... /usr/bin/pkg-config  
checking for PCRE library to use... bundled  
checking whether to enable PCRE JIT functionality... yes  
checking whether to enable the SQLite3 extension... yes  
checking bundled sqlite3 library... yes  
checking for ZLIB support... yes  
checking if the location of ZLIB install directory is defined... no  
checking for zlib version >= 1.2.0.4... 1.2.3  
checking for gzgets in -lz... yes  
checking whether to enable bc style precision math functions... yes  
checking for BZip2 support... no  
checking whether to enable calendar conversion support... yes  
checking whether to enable ctype functions... yes  
checking for cURL support... yes  
checking for cURL in default path... found in /usr  
checking for cURL 7.10.5 or greater... libcurl 7.19.7  
checking for SSL support in libcurl... yes  
checking how to run the C preprocessor... cc -E  
checking for openssl support in libcurl... no  
checking for gnutls support in libcurl... no  
checking for curl\_easy\_perform in -lcurl... yes  
checking for curl\_easy\_strerror in -lcurl... yes  
checking for curl\_multi\_strerror in -lcurl... yes  
checking for QDBM support... no  
checking for GDBM support... no  
checking for NDBM support... no  
checking for TCADB support... no  
checking for Berkeley DB4 support... no  
checking for Berkeley DB3 support... no  
checking for Berkeley DB2 support... no  
checking for DB1 support... no  
checking for DBM support... no  
checking for CDB support... no  
checking for INI File support... no  
checking for FlatFile support... no  
checking whether to enable DBA interface... no  
checking whether to enable DOM support... yes  
checking for xml2-config path... (cached) /usr/bin/xml2-config  
checking whether libxml build works... (cached) yes  
checking for ENCHANT support... no  
checking whether to enable EXIF (metadata from images) support... no  
checking for fileinfo support... no  
checking whether to enable input filter support... yes  
checking pcre install prefix... no



```

checking whether to enable FTP support... no
checking OpenSSL dir for FTP... no
checking for GD support... yes
checking for the location of libwebp... no
checking for the location of libjpeg... /usr/local/jpeg
checking for the location of libpng... yes
checking for the location of libXpm... no
checking for FreeType 2... yes
checking whether to enable truetype string function in GD... yes
checking whether to enable JIS-mapped Japanese font support in GD... no
If configure fails try --with-webp-dir=<DIR>
configure: error: jpeglib.h not found.
[root@localhost php-7.1.6]# yum search jpeg
Loaded plugins: fastestmirror, security
Loading mirror speeds from cached hostfile
* base: mirrors.btte.net
* extras: mirrors.btte.net
* updates: mirrors.cn99.com
base
| 3.7 kB      00:00
extras
| 3.4 kB      00:00
updates
| 3.4 kB      00:00
===== N/S Matched: jpeg
=====
libjpeg-turbo.x86_64 : A MMX/SSE2 accelerated library for manipulating JPEG image files
libjpeg-turbo.i686 : A MMX/SSE2 accelerated library for manipulating JPEG image files
libjpeg-turbo-devel.i686 : Headers for the libjpeg-turbo library
libjpeg-turbo-devel.x86_64 : Headers for the libjpeg-turbo library
libjpeg-turbo-static.x86_64 : Static version of the libjpeg-turbo library
openjpeg.x86_64 : OpenJPEG command line tools
openjpeg-devel.i686 : Development files for openjpeg
openjpeg-devel.x86_64 : Development files for openjpeg
openjpeg-libs.i686 : JPEG 2000 codec library
openjpeg-libs.x86_64 : JPEG 2000 codec library
gd.i686 : A graphics library for quick creation of PNG or JPEG images
gd.x86_64 : A graphics library for quick creation of PNG or JPEG images
jasper.x86_64 : Implementation of the JPEG-2000 standard, Part 1

Name and summary matches only, use "search all" for everything.
[root@localhost php-7.1.6]# yum info libjpeg-turbo-devel.x86_64
Loaded plugins: fastestmirror, security
Loading mirror speeds from cached hostfile
* base: mirrors.163.com
* extras: mirrors.163.com
* updates: mirrors.cn99.com
Available Packages
Name           : libjpeg-turbo-devel
Arch           : x86_64
Version        : 1.2.1
Release        : 3.el6_5
Size           : 96 k
Repo           : base
Summary        : Headers for the libjpeg-turbo library
URL            : http://sourceforge.net/projects/libjpeg-turbo
License        : wxWidgets
Description    : This package contains header files necessary for developing programs which

```

: will manipulate JPEG files using the libjpeg-turbo library.

```
[root@localhost php-7.1.6]#
```

```
configure: error: png.h not found.
```

```
configure: error: freetype-config not found.
```

再次报错，处理方法同上

```
yum search png
```

```
yum search freetype
```

make编译时报错：

```
make: warning: Clock skew detected. Your build may be incomplete.
```

解决方法1：

```
$ find . -type f | xargs -n 5 touch
```

```
$ make clean
```

```
$ make
```

解决方法2：

修改系统时间，使其晚于makefile生成的时间

```
date -s 170710 : 将系统日期改为2017年7月10日
```

```
date -s 10:05:50 将系统时间改为 上午10时5分50秒
```

configure zabbix时报错：

```
[root@localhost bin]# ./configure --prefix=/usr/local/zabbix/ --enable-server --enable-agent --with-
```

```
mysql=/usr/local/mysql/bin/mysql_config --with-net-snmp --with-libxml2 --with-net-snmp --with-openipmi --with-unixodbc=[ARG]
```

```
configure: error: Not found mysqlclient library
```

解决方法：

```
[root@localhost bin]# ./configure --prefix=/usr/local/zabbix/ --enable-server --enable-agent --with-mysql --with-net-snmp --with-
```

```
libxml2 --with-net-snmp --with-openipmi --with-unixodbc=[ARG]
```

又报错：

```
checking for odbc_config... no
```

```
configure: error: file not found or not executable
```

解决方法：

```
yum search odbc
```

```
yum install -y unixODBC.x86_64
```

```
yum install -y unixODBC-devel.x86_64
```

又报错：

```
checking for OPENIPMI support... no
```

```
configure: error: Invalid OPENIPMI directory - unable to find ipmiif.h
```

解决方法：

```
yum search openipmi
```

```
yum install -y OpenIPMI.x86_64
```

```
yum install -y OpenIPMI-devel.x86_64
```

zabbix启动失败：

```
[root@localhost subsys]# /etc/init.d/zabbix_server status
```

```
zabbix_server is stopped
```

```
[root@localhost subsys]# /etc/init.d/zabbix_server start
```

```
Starting zabbix_server: [ OK ]
```

```
[root@localhost subsys]# /etc/init.d/zabbix_server status
```

```
zabbix_server dead but subsys locked
```

解决方法：

```
[root@localhost zabbix]# find / -name mysql.sock
```

```
/mysqldata/mysql.sock
```

```
[root@localhost zabbix]# ln -s /mysqldata/mysql.sock /var/lib/mysql/mysql.sock
```

```
ln: creating symbolic link `/var/lib/mysql/mysql.sock': No such file or directory
```

```
[root@localhost zabbix]# mkdir -p /var/lib/mysql/
```

```
[root@localhost lib]# /etc/init.d/zabbix_server status
```

```
zabbix_server dead but subsys locked
```

```
[root@localhost lib]# /etc/init.d/zabbix_server stop
Shutting down zabbix_server: [FAILED]
[root@localhost lib]# /etc/init.d/zabbix_server status
zabbix_server is stopped
[root@localhost lib]# /etc/init.d/zabbix_server start
Starting zabbix_server: [ OK ]
[root@localhost lib]# /etc/init.d/zabbix_server status
zabbix_server (pid 43510) is running...
[root@localhost lib]#
[root@localhost lib]# ps -ef | grep zabbix
zabbix  43510    1  0 15:26 ?        00:00:00 /usr/local/zabbix/sbin/zabbix_server
root    43527 55163  0 15:26 pts/1    00:00:00 grep zabbix
[root@localhost lib]#
```