# 部署jemalloc

#!/bin/bash  
export PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin  
  
if [ $UID -ne 0 ]; then  
echo "Superuser privileges are required to run this script."  
exit 1  
fi  
  
log\_err() {  
 printf "[$(date +'%Y-%m-%dT%H:%M:%S')]: \033[31mERROR: $@ \033[0m\n"  
}  
  
log\_info() {  
 printf "[$(date +'%Y-%m-%dT%H:%M:%S')]: \033[32mINFO: $@ \033[0m\n"  
}  
  
log\_warning() {  
 printf "[$(date +'%Y-%m-%dT%H:%M:%S')]: \033[33mWARNING: $@ \033[0m\n"  
}  
  
sh\_path=$(cd `dirname $0`;pwd)  
LOGDIR=/var/log/init\_record  
if [ ! -d ${LOGDIR} ];then mkdir -vp ${LOGDIR}; fi  
  
ist\_jemalloc () {  
 log\_info "[-] ist\_jemalloc Configuring..." |tee -a ${LOGDIR}/${log\_name}  
 tar xf jemalloc-${jemallocVer}.tar.bz2 && cd jemalloc-${jemallocVer}  
 ./autogen.sh  
 make && make install  
 ln -s /usr/local/lib/libjemalloc.so.2 /usr/lib64/libjemalloc.so.1  
 echo '/usr/local/lib' > /etc/ld.so.conf.d/local.conf  
 ldconfig  
 cd ${sh\_path}  
 log\_info "[\*] ist\_jemalloc successful!" |tee -a ${LOGDIR}/${log\_name}  
}  
  
check\_jemalloc () {  
 log\_name=ist\_jemalloc.log  
 succ\_num=$(grep successful ${LOGDIR}/${log\_name}|wc -l)  
 if [ ! -f ${LOGDIR}/${log\_name} -o ${succ\_num} -eq 0 ];then  
 if test -d /usr/local/include/jemalloc;then  
 blue "jemalloc已部署"  
 log\_info "[-] jemalloc已部署!" |tee -a ${LOGDIR}/${log\_name}  
 log\_info "[-] 设置jemalloc软链接!" |tee -a ${LOGDIR}/${log\_name}  
 ln -sfv /usr/local/lib/libjemalloc.so.2 /usr/lib64/libjemalloc.so.1  
 else  
 log\_info "[-] 安装 autogen autoconf!" |tee -a ${LOGDIR}/${log\_name}  
 yum -y install autogen autoconf  
 while true;do  
 log\_name=ist\_jemalloc.log  
 curl https://github.com/jemalloc/jemalloc/releases > dwjemalloc.log 2>&1  
 num=$(grep tar.bz2 dwjemalloc.log|wc -l)  
 if [ ${num} -le 0 ];then   
 echo "未获取到最新版本，将继续尝试下载，请耐心等待！" |tee -a ${LOGDIR}/${log\_name}  
 else   
 echo "获取到最新版本,开始下载！" |tee -a ${LOGDIR}/${log\_name}  
 jemallocVer=$(grep tar.bz2 dwjemalloc.log |head -n1|awk -F'"' '{print $2}'|awk -F / '{print $6}')  
 while true;do  
 wget --no-check-certificate https://github.com/jemalloc/jemalloc/releases/download/${jemallocVer}/jemalloc-${jemallocVer}.tar.bz2 |tee -a ${LOGDIR}/${log\_name}  
 if [ "$?" != 0 ];then  
 echo "未下载成功，将继续尝试下载，请耐心等待！" |tee -a ${LOGDIR}/${log\_name}  
 else   
 echo "下载成功,开始部署！" |tee -a ${LOGDIR}/${log\_name}  
 ist\_jemalloc  
 break  
 fi  
 done  
 break  
 fi  
 done  
 fi  
 else  
 log\_info "[\*] ist\_jemalloc Configuration already!...!"  
 fi  
}  
  
main(){  
 check\_jemalloc  
}  
   
main "$@"