

i-MSCP on FreeBSD

Version Info

i-MSCP Version	1.0.0
Maintainer	BeNe
Install Script	1.05
BSD Version	FreeBSD 8.1-RELEASE
Last Update	07.12.2010

Problems

Before you start please consider the following issues:

- imscp_network daemon currently not ported to BSD's → IPFW, PF, IPF (no Traffic-Count)
- /var/log/rkhunter.log & /var/log/chkrootkit.log not readable by the i-MSCP GUI
- Manage IPs → File /proc/net/dev does not exists or cannot be reached!
- imscp_daemon does need some changes in JAIL → see FAQ 12.4

TODO

- Build Port for FreeBSD → Maintainer Section 13.2
- Switch over to fcgid insted of FastCGI

Update Systems

Make sure you are logged in with an user that has root privileges or switch with "su"

Update ports

Bring the Ports Up-To-Date:

```
# portsnap update
```

Install Ports (if needed)

If you have none Ports installed yet - do it now!

```
# portsnap fetch extract
```

Install Portmaster

We use Portmaster to install the needed modules. So make sure portmaster is installed or do it now:

```
# cd /usr/ports/ports-mgmt/portmaster
# make install clean
# rehash
```

1. Download and extract i-MSCP

```
# mkdir -p /usr/local/src/imscp/
# cd /usr/local/src/imscp/
# fetch http://mesh.dl.sourceforge.net/sourceforge/<< L I N K >>
# tar xjvf imscp-1.0.0.tar.bz2
```

2. Compile the required packages

2.1 Apache as Worker

First we need to configure Apache to use worker instead of prefork

```
# vi /usr/ports/www/apache22/Makefile
```


And change WITH_MPM to **worker**:

```
# WITH_MPM?=      worker # or prefork, event, itk
```

2.2 Compile the Packages

Now we can compile and install the needed packages very easy with it:

```
# cd ./imscp-1.0.0
# portmaster `cat ./docs/FreeBSD/freebsd-packages`
```

Set the Options for the packages as described. Options that are not listed here can be accept as they are. 

Apache22 Options

```
+-----+
|               Options for apache-worker 2.2.17_1               |
| +-----+-----+-----+-----+                             |
| |[X] THREADS                Enable threads support in APR      |
|                               |                               |
```

		[]	MYSQL	Enable MySQL support for apr-dbd		
		[]	PGSQL	Enable PostgreSQL support for apr-dbd		
		[]	SQLITE	Enable SQLite support for apr-dbd		
		[X]	IPV6	Enable IPv6 support		
		[]	BDB	Enable BerkeleyDB dbm		
		[X]	AUTH_BASIC	Enable mod_auth_basic		
		[]	AUTH_DIGEST	Enable mod_auth_digest		
		[X]	AUTHN_FILE	Enable mod_authn_file		
		[]	AUTHN_DBD	Enable mod_authn_dbd		
		[]	AUTHN_DBM	Enable mod_authn_dbm		
		[]	AUTHN_ANON	Enable mod_authn_anon		
		[X]	AUTHN_DEFAULT	Enable mod_authn_default		
		[]	AUTHN_ALIAS	Enable mod_authn_alias		
		[X]	AUTHZ_HOST	Enable mod_authz_host		
		[X]	AUTHZ_GROUPFILE	Enable mod_authz_groupfile		
		[]	AUTHZ_USER	Enable mod_authz_user		
		[]	AUTHZ_DBM	Enable mod_authz_dbm		
		[X]	AUTHZ_OWNER	Enable mod_authz_owner		
		[X]	AUTHZ_DEFAULT	Enable mod_authz_default		
		[]	CACHE	Enable mod_cache		
		[]	DISK_CACHE	Enable mod_disk_cache		
		[]	FILE_CACHE	Enable mod_file_cache		
		[]	MEM_CACHE	Enable mod_mem_cache		
		[]	DAV	Enable mod_dav		
		[]	DAV_FS	Enable mod_dav_fs		
		[]	BUCKETEER	Enable mod_bucketeer		
		[]	CASE_FILTER	Enable mod_case_filter		
		[]	CASE_FILTER_IN	Enable mod_case_filter_in		
		[]	EXT_FILTER	Enable mod_ext_filter		
		[]	LOG_FORENSIC	Enable mod_log_forensic		
		[]	OPTIONAL_HOOK_EXPORT	Enable mod_optional_hook_export		
		[]	OPTIONAL_HOOK_IMPORT	Enable mod_optional_hook_import		
		[]	OPTIONAL_FN_IMPORT	Enable mod_optional_fn_import		
		[]	OPTIONAL_FN_EXPORT	Enable mod_optional_fn_export		
		[]	LDAP	Enable mod_ldap		
		[]	AUTHNZ_LDAP	Enable mod_authnz_ldap		
		[X]	ACTIONS	Enable mod_actions		
		[X]	ALIAS	Enable mod_alias		
		[]	ASIS	Enable mod_asis		
		[X]	AUTOINDEX	Enable mod_autoindex		
		[]	CERN_META	Enable mod_cern_meta		
		[]	CGI	Enable mod_cgi		
		[]	CHARSET_LITE	Enable mod_charset_lite		
		[]	DBD	Enable mod_dbd		
		[X]	DEFLATE	Enable mod_deflate		
		[X]	DIR	Enable mod_dir		
		[]	DUMPIO	Enable mod_dumpio		
		[X]	ENV	Enable mod_env		
		[X]	EXPIRES	Enable mod_expires		
		[]	HEADERS	Enable mod_headers		
		[]	IMAGEMAP	Enable mod_imagemap		

```

| | [ ] INCLUDE          Enable mod_include          | |
| | [X] INFO             Enable mod_info             | |
| | [X] LOG_CONFIG       Enable mod_log_config       | |
| | [X] LOGIO            Enable mod_logio            | |
| | [X] MIME             Enable mod_mime            | |
| | [X] MIME_MAGIC       Enable mod_mime_magic       | |
| | [X] NEGOTIATION      Enable mod_negotiation      | |
| | [X] REWRITE          Enable mod_rewrite          | |
| | [X] SETENVIF         Enable mod_setenvif         | |
| | [ ] SPELLING        Enable mod_spelling         | |
| | [X] STATUS           Enable mod_status           | |
| | [ ] UNIQUE_ID       Enable mod_unique_id        | |
| | [ ] USERDIR          Enable mod_userdir          | |
| | [ ] USERTRACK       Enable mod_usertrack        | |
| | [X] VHOST_ALIAS      Enable mod_vhost_alias      | |
| | [ ] FILTER           Enable mod_filter           | |
| | [ ] VERSION          Enable mod_version          | |
| | [X] PROXY            Enable mod_proxy            | |
| | [X] PROXY_CONNECT    Enable mod_proxy_connect    | |
| | [X] PATCH_PROXY_CONNECT Patch proxy_connect SSL support | |
| | [ ] PROXY_FTP        Enable mod_proxy_ftp        | |
| | [X] PROXY_HTTP       Enable mod_proxy_http       | |
| | [ ] PROXY_AJP        Enable mod_proxy_ajp        | |
| | [ ] PROXY_BALANCER   Enable mod_proxy_balancer   | |
| | [ ] PROXY_SCGI       Enable mod_proxy_scgi       | |
| | [X] SSL              Enable mod_ssl              | |
| | [X] SUEXEC           Enable mod_suexec           | |
| | [ ] SUEXEC_RSRCLIMIT SuEXEC rlimits based on login class | |
| | [X] REQTIMEOUT       Enable mod_reqtimeout       | |
| | [X] CGID             Enable mod_cgid             | |
+---v(+)-----+
|                                     [ OK ]      Cancel      |
+-----+

```

Proftpd Options

```

+-----+
|                                     Options for proftpd 1.3.3c_3                                     |
| +-----+ |
| | [ ] BAN          Include mod_ban (Requires CTRLS) |
| | [ ] CLAMAV       Include mod_clamav              |
| | [X] CTRLS        Include controls                |
| | [ ] DIGEST       Include mod_digest              |
| | [ ] EXEC         Include mod_exec                |
| | [ ] HTMLDOCS     Include HTML documentation      |
| | [X] IFSESSION    Include mod_ifsession           |
| | [X] IPV6         Use IPv6                        |
| | [ ] LDAP         Use LDAP                        |
| | [ ] LDAP_TLS     Use LDAP TLS (Requires LDAP, OPENSSL) |
| | [X] MYSQL        MySQL auth                      |
| +-----+ |
+-----+

```

```

| |[X] NLS                Use nls (builds mod_lang)          | |
| |[ ] ODBC               ODBC                              | |
| |[X] OPENSSSL           Include mod_tls                    | |
| |[ ] PGSQL              Postgres auth                      | |
| |[X] QUOTA              Include mod_quota                  | |
| |[ ] QUOTATAB_RADIUS    include mod_quotatab_radius        | |
| |[ ] SHAPER             Shaper module                     | |
| |[ ] SQLITE             SQLite auth                        | |
| |[ ] RADIUS             Include mod_radius                 | |
| |[ ] RATIO              Include mod_ratio                  | |
| |[X] README             Include mod_readme                 | |
| |[X] REWRITE            Include mod_rewrite                 | |
| |[ ] TLS_SHMCACHE       TLS SHM session cache (requires OPENSSSL) | |
| |[ ] TDS                Include mod_sql_tds                 | |
| |[ ] SFTP               Include mod_sftp                    | |
| |[ ] SFTP_SQL           Include mod_sftp_sql                | |
| |[ ] SFTP_PAM           Include mod_sftp_pam                 | |
| |[ ] SQL_PASSWD         Include mod_sql_passwd              | |
| |[ ] UNIQUE             Include mod_unique_id               | |
| |[X] WRAP               Include mod_wrap2                   | |
| |[ ] WRAP_FILE          Include mod_wrap2_file (requires WRAP) | |
| |[ ] WRAP_SQL           Include mod_wrap2_sql (requires WRAP) | |
+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     [ OK ]      Cancel      |
+-----+-----+-----+-----+-----+-----+-----+-----+

```

Postfix Options

+ Install the DOVECOT SASL if you are going to install Dovecot

+ VDA for MailQuota → <http://ispcp.geoclave.net/>

```

+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Options for postfix 2.7.2,1 |
+-----+-----+-----+-----+-----+-----+-----+-----+
| |[X] PCRE               Perl Compatible Regular Expressions    | |
| |[X] SASL2              Cyrus SASLv2 (Simple Auth. and Sec. Layer) | |
| |[+] DOVECOT            Dovecot SASL authentication method      | |
| |[ ] SASLKRB            If your SASL req. Kerberos select this option | |
| |[ ] SASLKRB5           If your SASL req. Kerberos5 select this option | |
| |[ ] SASLKMIT           If your SASL req. MIT Kerberos5 select this option | |
| |[X] TLS                Enable SSL and TLS support              | |
| |[ ] BDB                Berkeley DB (choose version with WITH_BDB_VER) | |
| |[X] MYSQL              MySQL maps (choose version with WITH_MYSQL_VER) | |
| |[ ] PGSQL              PostgreSQL maps (choose with DEFAULT_PGSQL_VER) | |
| |[ ] OPENLDAP           OpenLDAP maps (choose ver. with WITH_OPENLDAP_VER) | |
| |[X] CDB                CDB maps lookups                       | |
| |[ ] NIS                NIS maps lookups                       | |
| |[X] VDA                VDA (Virtual Delivery Agent)           | |
| |[ ] TEST               SMTP/LMTP test server and generator     | |
| |[ ] SPF                SPF support (via libspf2 1.2.x)         | |

```

```

| |[ ] INST_BASE Install into /usr and /etc/postfix | |
+-----+
|                                     [ OK ]      Cancel |
+-----+

```

cyrus-sasl Options

```

+-----+
|                                     Options for cyrus-sasl 2.1.23_1 |
| +-----+ |
| | [X] BDB          Use Berkeley DB | | |
| | [X] MYSQL        Use MySQL | |
| | [ ] PGSQL        Use PostgreSQL | |
| | [ ] SQLITE       Use SQLite | |
| | [ ] DEV_URANDOM  Use /dev/urandom | |
| | [ ] ALWAYSTRUE   Enable the alwaystrue password verifier | |
| | [ ] KEEP_DB_OPEN Keep handle to Berkeley DB open | |
| | [X] AUTHDAEMON   Enable use of authdaemon | |
| | [X] LOGIN        Enable LOGIN authentication | |
| | [X] PLAIN        Enable PLAIN authentication | |
| | [X] CRAM         Enable CRAM-MD5 authentication | |
| | [X] DIGEST       Enable DIGEST-MD5 authentication | |
| | [ ] OTP          Enable OTP authentication | |
| | [ ] NTLM         Enable NTLM authentication | |
| | | | |
| +-----+ |
|                                     OK      [Cancel] |
+-----+

```

p5-Net-DNS Options

```

+-----+
|                                     Options for p5-Net-DNS 0.66_1 |
| +-----+ |
| | [X] IPV6        Enable functionality over IPv6 transport | |
| +-----+ |
|                                     [ OK ]      Cancel |
+-----+

```

courier-imap Options

```

+-----+
|                                     Options for courier-imap 4.8.1,2 |
| +-----+ |
| | [ ] FAM         Build in fam support for IDLE command | | |
| | [ ] TRASHQUOTA  Include deleted mails in the quota | |
| | [ ] GDBM       Use gdbm db instead of system bdb | |
| | | | |
+-----+

```

```

| |      [X] IPV6          Build with IPv6 support      | |
| |      [ ] AUTH_LDAP     LDAP support                 | |
| |      [ ] AUTH_MYSQL    MySQL support                | |
| |      [ ] AUTH_PGSQL    PostgreSQL support           | |
| |      [X] AUTH_USERDB    Userdb support               | |
| |      [ ] AUTH_VCHKPW    Vpopmail/vchkpw support      | |
+-----+-----+
|                                     [ OK ]      Cancel |
+-----+-----+

```

courier-authlib Options

```

+-----+-----+
|                                     Options for courier-authlib 0.63.0_2 |
| +-----+-----+ |
| |      [ ] GDBM          Use gdbm instead of system bdb | |
| |      [ ] AUTH_LDAP     LDAP support                 | |
| |      [ ] AUTH_MYSQL    MySQL support                | |
| |      [ ] AUTH_PGSQL    PostgreSQL support           | |
| |      [X] AUTH_USERDB    Userdb support               | |
| |      [ ] AUTH_VCHKPW    Vpopmail/vchkpw support      | |
+-----+-----+
|                                     [ OK ]      Cancel |
+-----+-----+

```

Perl Options

```

+-----+-----+
|                                     Options for perl 5.10.1_2 |
| +-----+-----+ |
| |      [ ] DEBUGGING     Build with debugging support | |
| |      [ ] GDBM          Build GDBM_File extension    | |
| |      [ ] PERL_MALLOC    Use Perl malloc             | |
| |      [X] PERL_64BITINT  Use 64 bit integers (on i386) | |
| |      [X] THREADS       Build threaded perl         | |
| |      [ ] MULTIPLICITY  Use multiplicity             | |
| |      [ ] SUIDPERL      Build set-user-id suidperl binary | |
| |      [ ] SITECUSTOMIZE  Run-time customization of @INC | |
| |      [X] USE_PERL      Rewrite links in /usr/bin     | |
+-----+-----+
|                                     [ OK ]      Cancel |
+-----+-----+

```

PHP5 Options

```

+-----+-----+
|                                     Options for php5 5.3.3_2 |
+-----+-----+

```

```

+-----+
| | [X] CLI          Build CLI version          | |
| | [X] CGI          Build CGI version          | |
| | [ ] FPM          Build FPM version (experimental) | |
| | [ ] APACHE       Build Apache module        | |
| | [ ] AP2FILTER    Use Apache 2.x filter interface (experimental) | |
| | [ ] DEBUG        Enable debug                | |
| | [X] SUHOSIN      Enable Suhosin protection system (not for jails) | |
| | [ ] MULTIBYTE    Enable zend multibyte support | |
| | [X] IPV6         Enable ipv6 support          | |
| | [ ] MAILHEAD     Enable mail header patch    | |
| | [ ] LINKTHR      Link thread lib (for threaded extensions) | |
+-----+
| |                [ OK ]          Cancel        | |
+-----+

```

PHP5-Extensions Options

```

+-----+
| |                Options for php5-extensions 1.4                | | |
| | +-----+ |
| | | [ ] BCMATH      bc style precision math functions          | |
| | | [X] BZ2         bzip2 library support                      | |
| | | [ ] CALENDAR    calendar conversion support                | |
| | | [X] CTYPE       ctype functions                            | |
| | | [X] CURL        CURL support                               | |
| | | [X] DBA         dba support                                | |
| | | [X] DOM         DOM support                                 | |
| | | [ ] EXIF        EXIF support                               | |
| | | [X] FILEINFO    fileinfo support                           | |
| | | [X] FILTER      input filter support                       | |
| | | [ ] FRIBIDI     FriBidi support                             | |
| | | [X] FTP         FTP support                                 | |
| | | [X] GD          GD library support                         | |
| | | [X] GETTEXT     gettext library support                   | |
| | | [ ] GMP         GNU MP support                             | |
| | | [X] HASH        HASH Message Digest Framework             | |
| | | [X] ICONV       iconv support                              | |
| | | [X] IMAP        IMAP support                               | |
| | | [ ] INTERBASE   Interbase 6 database support (Firebird)   | |
| | | [X] JSON        JavaScript Object Serialization support    | |
| | | [ ] LDAP        OpenLDAP support                           | |
| | | [X] MBSTRING    multibyte string support                  | |
| | | [X] MCRYPT       Encryption support                         | |
| | | [ ] MSSQL       MS-SQL database support                   | |
| | | [X] MYSQL       MySQL database support                     | |
| | | [X] MYSQLI      MySQLi database support                   | |
| | | [ ] ODBC        unixODBC support                           | |
| | | [ ] OPENSSSL    OpenSSL support                           | |
| | | [ ] PCNTL       pcntl support (code only)                  | |
| | +-----+ |
+-----+

```



```

| | [ ] PDF          PDFlib support (implies GD)          | |
| | [X] PDO          PHP Data Objects Interface (PDO)      | |
| | [X] PDO_SQLITE   PDO sqlite driver                    | |
| | [ ] PGSQL        PostgreSQL database support          | |
| | [X] POSIX        POSIX-like functions                 | |
| | [ ] PSPELL       pspell support                       | |
| | [ ] READLINE     readline support (code only)         | |
| | [ ] RECODE       recode support                       | |
| | [X] SESSION      session support                      | |
| | [X] SHMOP        shmop support                        | |
| | [X] SIMPLEXML    simplexml support                    | |
| | [ ] SNMP         SNMP support                         | |
| | [X] SOAP         SOAP support                         | |
| | [X] SOCKETS      sockets support                     | |
| | [X] SQLITE       sqlite support                      | |
| | [ ] SYBASE_CT    Sybase database support              | |
| | [ ] SYSVMSG      System V message support             | |
| | [ ] SYSVSEM      System V semaphore support           | |
| | [ ] SYSVSHM      System V shared memory support       | |
| | [ ] TIDY         TIDY support                         | |
| | [X] TOKENIZER    tokenizer support                    | |
| | [ ] WDDX         WDDX support (implies XML)           | |
| | [X] XML          XML support                          | |
| | [X] XMLREADER    XMLReader support                    | |
| | [X] XMLRPC       XMLRPC-EPI support                   | |
| | [X] XMLWRITER    XMLWriter support                    | |
| | [ ] XSL          XSL support (Implies DOM)            | |
| | [ ] YAZ          YAZ support (ANSI/NISO Z39.50)       | |
| | [X] ZIP          ZIP support                          | |
| | [X] ZLIB         ZLIB support                         | |
+-----v(+)-----+
|                                     [ OK ]      Cancel    |
+-----+-----+

```

PHP5-MBString Options

```

+-----+
|                                     Options for php5-mbstring 5.3.3_2          |
| +-----+ |
| | [X] REGEX  Enable multibyte regex support |
+-----v(+)-----+
|                                     [ OK ]      Cancel    |
+-----+-----+

```

PHP5-DBA Options

```

+-----+
|                                     Options for php5-dba 5.3.3_2              |
|                                     |
+-----+-----+

```

```

+-----+
| |      [X] CDB      cdb database support      | |
| |      [ ] DB4      Berkeley DB4 support      | |
| |      [ ] GDBM      GDBM database support     | |
| |      [ ] QDBM      QDBM database support     | |
| |      [X] INIFILE   INI file support          | |
| |      [X] FLATFILE  flatfile support          | |
+-----+
| |                  [ OK ]      Cancel          | |
+-----+

```

PHP5-MySQL Options

```

+-----+
| |      Options for php5-mysql 5.3.3_2          | | | |
| |      +-----+                                | |
| |      | |      [ ] MYSQLND  Use MySQL Native Driver      | |
| |      | |      +-----+                                | |
| |      | |      [ OK ]      Cancel                      | |
| |      | |      +-----+                                | |
| |      | |      +-----+                                | |
+-----+

```

PHP5-MySQLi Options

```

+-----+
| |      Options for php5-mysql 5.3.3_2          | | | |
| |      +-----+                                | |
| |      | |      [ ] MYSQLND  Use MySQL Native Driver      | |
| |      | |      +-----+                                | |
| |      | |      [ OK ]      Cancel                      | |
| |      | |      +-----+                                | |
| |      | |      +-----+                                | |
+-----+

```

PHP5-SQL-lite Options

```

+-----+
| |      Options for php5-sqlite 5.3.3_2          | | | |
| |      +-----+                                | |
| |      | |      [X] UTF8    Enable UTF-8 support          | |
| |      | |      +-----+                                | |
| |      | |      [ OK ]      Cancel                      | |
| |      | |      +-----+                                | |
| |      | |      +-----+                                | |
+-----+

```

AWStats IPv6

```

+-----+

```

```

|                                     Options for awstats 6.95,1                                     |
| +-----+ |
| |           [X] IPV6   Enable IPV6 for use with IPV6 Plugin           | |
| +-----+ |
| |                                     [ OK ]           Cancel           | |
| +-----+ |

```

CURL Options

```

+-----+
|                                     Options for curl 7.21.1                                     |
| +-----+ |
| | [ ] CARES           Asynchronous DNS resolution via c-ares           | |
| | [ ] CURL_DEBUG      Enable curl diagnostic output                     | |
| | [ ] GNUTLS           Use GNU TLS if OPENSSL is OFF                     | |
| | [X] IPV6             IPv6 support                                     | |
| | [ ] KERBEROS4        Kerberos 4 authentication                       | |
| | [ ] LDAP             LDAP support                                     | |
| | [ ] LDAPS            LDAPS support (requires LDAP and SSL)           | |
| | [ ] LIBIDN           Internationalized Domain Names via libidn       | |
| | [ ] LIBSSH2          SCP/SFTP support via libssh2                     | |
| | [ ] NTLM             NTLM authentication                             | |
| | [X] OPENSSL          OpenSSL support                                   | |
| | [X] CA_BUNDLE        Install CA bundle for OpenSSL                   | |
| | [X] PROXY            Proxy support                                    | |
| | [ ] RTMP            RTMP streams support                             | |
| | [ ] TRACKMEMORY     Enable curl memory diagnostic output             | |
| | [X] WERROR           Treat compilation warnings as errors            | |
| +-----+ |
| |                                     [ OK ]           Cancel           | |
| +-----+ |

```

Root Certificates Options

```

+-----+
|                                     Options for ca_root_nss 3.12.6                                     |
| +-----+ |
| |           [X] ETCSYMLINK  Add symlink to /etc/ssl/cert.pem           | |
| +-----+ |
| |                                     [ OK ]           Cancel           | |
| +-----+ |

```

PHP5-GD Options

```

+-----+
|                                     Options for php5-gd 5.3.3_2                                     |
| +-----+ |

```

```

| |      [X] T1LIB      Include T1lib support          | |
| |      [X] TRUETYPE   Enable TrueType string function | |
| |      [ ] JIS        Enable JIS-mapped Japanese font support | |
+-----+-----+
| |                                [ OK ]      Cancel      | |
+-----+-----+

```

Libxslt Options

```

+-----+-----+
| |                                Options for libxslt 1.1.26_2 | |
| |      +-----+-----+ | |
| |      [ ] MEM_DEBUG   Enable memory debugging          | |
| |      [X] CRYPTO      Enable crypto support for exslt   | |
+-----+-----+
| |                                [ OK ]      Cancel      | |
+-----+-----+

```

PNG Options

```

+-----+-----+
| |                                Options for png 1.4.3      | |
| |      +-----+-----+ | |
| |      [X] APNG        Animated PNG support             | |
+-----+-----+
| |                                [ OK ]      Cancel      | |
+-----+-----+

```

Ccodeent Options

```

+-----+-----+
| |                                Options for ccodeent 2007e,1 | |
| |      +-----+-----+ | |
| |      [X] SSL          Compile with SSL support         | |
| |      [ ] SSL_AND_PLAINTEXT Allow plain text passwords and SSL | |
| |      [X] IPV6         Support IPv6                    | |
| |      [ ] MBX_DEFAULT  Use MBX as default mailbox format | |
+-----+-----+
| |                                [ OK ]      Cancel      | |
+-----+-----+

```

rkHunter Options

```

+-----+-----+
| |                                Options for rkhunter 1.3.6   | |

```

```

+-----+
| |               [X] LSOF   Use LSOF               | |
| |               [ ] NMAP   Use NMAP               | |
+-----+
| |               [  OK  ]       Cancel              | |
+-----+

```

Wget Options

```

+-----+
| |               Options for wget 1.12_2           | |
| +-----+                                         | |
| |               [ ] GNUTLS   Support for SSL via GnuTLS   | |
| |               [X] IPV6     Support for IPv6             | |
| |               [X] NLS      Native Language Support with gettext | |
| |               [X] OPENSLL  Support for SSL via OpenSSL  | |
+-----+
| |               [  OK  ]       Cancel              | |
+-----+

```

p7zip Options

```

+-----+
| |               Options for p7zip 9.13            | |
| +-----+                                         | |
| |               [ ] MINIMAL  Support only .7z file format | |
| |               [X] MODULES  Build modules              | |
+-----+
| |               [  OK  ]       Cancel              | |
+-----+

```

p5-Archive-Tar Options

```

+-----+
| |               Options for p5-Archive-Tar 1.62   | |
| +-----+                                         | |
| |               [ ] TEXT_DIFF  Text::Diff support for ptardiff | |
+-----+
| |               [  OK  ]       Cancel              | |
+-----+

```

gnupg Options

```

+-----+
| |               Options for gnupg 2.0.16_2        | |

```

```

+-----+
| | [ ] LDAP      LDAP keyserver interface          | |
| | [ ] SCDAEMON  Enable Smartcard daemon (with libusb) | |
| | [X] CURL      Use the real curl library (worked around if no) | |
| | [ ] GPGSM     Enable GPGSM (require LDAP)          | |
| | [X] CAMELLIA  Enable Camellia algorithm            | |
| | [ ] KDNS      Use DNS CERT helper                  | |
| | [ ] STD_SOCKET Use standard socket for agent        | |
| | [ ] NLS       National Language Support            | |
+-----+
| |               [ OK ]          Cancel              | |
+-----+

```

pth Options

```

+-----+
| |               Options for pth 2.0.7                | | |
| | +-----+                                         | |
| | | [X] OPTIMIZED_CFLAGS  Build with optimized CFLAGS | |
| | |                                         | |
+-----+
| |               [ OK ]          Cancel              | |
+-----+

```

p5-IO-Socket-SSL Options

```

+-----+
| |               Options for p5-IO-Socket-SSL 1.34    | | |
| | +-----+                                         | |
| | | [X] IDN  International Domain Names (IDN) support | |
+-----+
| |               [ OK ]          Cancel              | |
+-----+

```

AMaViS Options

```

+-----+
| |               Options for amavisd-new 2.6.4_8,1    | | |
| | +-----+                                         | |
| | | [X] BDB      Use BerkeleyDB for nanny/cache/snmp  | |
| | | [ ] SNMP     Install amavisd snmp subagent         | |
| | | [ ] SQLITE   Use SQLite for lookups                | |
| | | [ ] MYSQL    Use MySQL for lookups/logging/quarantine | |
| | | [ ] PGSQL    Use PostgreSQL for lookups/logging/quarantine | |
| | | [ ] LDAP     Use LDAP for lookups                  | |
| | | [ ] SASL     Use SASL authentication              | |
| | | [X] MILTER   Sendmail milter support              | |
+-----+

```

```

| | [X] SPAMASSASSIN Use mail/p5-Mail-SpamAssassin | |
| | [ ] P0F Passive operating system fingerprinting | |
| | [ ] ALTERMIME Use AlterMime for defanging/disclaimers | |
| | [X] FILE Use newer file(1) utility from ports | |
| | [ ] RAR RAR support with archivers/rar | |
| | [X] UNRAR RAR support with archivers/unrar | |
| | [X] ARJ ARJ support with archivers/arj | |
| | [ ] UNARJ ARJ support with archivers/unarj | |
| | [X] LHA LHA support with archivers/lha | |
| | [X] ARC ARC support with archivers/arc | |
| | [ ] NOMARCH ARC support with archivers/nomarch | |
| | [X] CAB CAB support with archivers/cabextract | |
| | [X] RPM RPM support with archivers/rpm2cpio | |
| | [X] ZOO ZOO support with archivers/zoo | |
| | [ ] UNZOO ZOO support with archivers/unzoo | |
| | [X] LZOP LZOP support with archivers/lzop | |
| | [X] FREEZE FREEZE support with archivers/freeze | |
| | [X] P7ZIP P7ZIP support with archivers/p7zip | |
| | [X] MSWORD Ms Word support with textproc/riple | |
| | [ ] TNEF Add external tnef decoder converters/tnef | |
+---v(+)-----+
| [ OK ] Cancel |
+-----+

```

SpamAssassin Options

```

+-----+
| Options for p5-Mail-SpamAssassin 3.3.1_2 |
| +-----+ |
| | [X] AS_ROOT Run spamd as root (recommended) | |
| | [X] SPAMC Build spamd/spamc (not for amavisd) | |
| | [ ] SACOMPILe sa-compile | |
| | [X] DKIM DKIM/DomainKeys Identified Mail | |
| | [X] SSL Build with SSL support for spamd/spamc | |
| | [X] GNUPG Install GnuPG (for sa-update) | |
| | [ ] MYSQL Add MySQL support | |
| | [ ] PGSQl Add PostgreSQL support | |
| | [X] RAZOR Add Vipul's Razor support | |
| | [ ] SPF_QUERY Add SPF query support | |
| | [ ] RELAY_COUNTRY Relay country support | |
| | [ ] DCC Add DCC support (see LICENSE) | |
+---+-----+
| [ OK ] Cancel |
+-----+

```

p5-libwww Options

```

+-----+

```

```

|                                     Options for p5-libwww 5.837                                     |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [X] SSL   Enable https support                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [  OK  ]      Cancel                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |

```

Cyrus-SASL-saslauthd Options

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Options for cyrus-sasl-saslauthd 2.1.23                                     |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [ ] BDB      Use Berkeley DB                                     | | | |
| |                                     [ ] OPENLDAP  Use OpenLDAP                                     | |
| |                                     [ ] HTTPFORM  Enable HTTP form authentication                 | |
| |                                     |                                     |                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [  OK  ]      Cancel                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

gsed Options

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Options for gsed 4.2.1_2                                     |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [X] NLS   NLS support                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [  OK  ]      Cancel                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Screen Options

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Options for screen 4.0.3_9                                     |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| | [ ] CJK      Treat CJK ambiguous characters as full width | |
| | [X] INFO     Build and install info documentation         | |
| | [X] MAN      Build and install man pages                   | |
| | [X] NETHACK  Enable nethack-style messages                | |
| | [ ] XTERM_256 Enable support for 256 colour xterm         | |
| | [ ] HOSTINLOCKED Print user@host in locked message        | |
| | [ ] SHOWENC  Show encoding on the status line             | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ |
| |                                     [  OK  ]      Cancel                                     | |
| +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```


3. Configure the System

First, rehash your shell:

```
# rehash
```

3.1 Configure MySQL Server

Install the MySQL DB's

```
# /usr/local/bin/mysql_install_db
```

Set the correct User for the MySQL folders

```
# chown -R mysql /var/db/mysql/
```

Start the MySQL Server

```
# /usr/local/etc/rc.d/mysql-server onestart
```

Set a secure MySQL root password

```
# /usr/local/bin/mysqladmin -u root password 'new-password'
```

3.2 Configure Bind

Do automatic rndc configuration:

```
# rndc-confgen -a
```

4. Compile i-MSCP

Build the System by using make:

```
# cd /usr/local/src/imscp-1.0.0/  
# ./imscp-build
```

This may fail on FreeBSD 7.x, 8.x and 9.x. If it does, make this change to line 19 of tools/daemon/lr_syntax.c (note the two s's in the last "ssize_t"):

```
ssize_t readlink(const char * __restrict, char * __restrict, ssize_t);
```

5. Copy all into your system

If you have not yet, now is a good time to make backups of your server. The following steps do fundamental changes to your system configuration.

```
# cp -R /tmp/imscp/* /
```

6. Backup and move skel

```
# cp -a /usr/share/skel /usr/share/skel.bkp  
# rm -r /usr/share/skel && mkdir /usr/share/skel
```

7. Run the Setup

Change into the engine/setup directory and start the setup:

```
# cd /usr/local/www/imscp/engine/setup
```

All questions should be self-explanatory. Anyway, if you don't know what to answer to a specific question don't hesitate to ask the community at the i-MSCP Forum.

Choose FastCGI and NOT fcgid in the setup - fcgid support will be in next Versions.

```
# perl ./imscp-setup
```

8. Restore skel

```
# rm -r /usr/share/skel && mv /usr/share/skel.bkp /usr/share/skel
```

9. Clean the /tmp/

Delete the i-MSCP files under /tmp

```
# rm -fR /tmp/imscp/
```

10. That's it - Log in

You can now access i-MSCP with your preferred browser by typing the admin address you specified during the installation process.

<http://admin.your-domain.tld>

Login in i-MSCP and change in “Settings”→“Server Ports” “POSTGREY Port” to 10023.

When you are not able to access the control panel something really went wrong.

Doublecheck that you have not missed any step of this installation guide you may consider asking in the i-MSCP Forum for help.

11. i-MSCP in a Jail

There are some changes needed for i-MSCP inside a Jail

11.1 Shared Memory problem

Be sure that you have enabled shared memory inside your Jail. Check it with:

```
sysctl security.jail.sysvipc_allowed
```

The needed result is “1”. “0” means disabled

To enable it set this in your /etc/sysctl.conf on the Host:

```
security.jail.sysvipc_allowed=1
```

Sometimes the sysvipc is still disabled after this change, so please check your:

```
# /etc/defaults/rc.conf
```

and set the sysvipc to yes.

```
jail_sysvipc_allow="YES" # Allow SystemVIPC use from within a jail
```

12. FAQ

12.1 Failed to enable the ‘httpready’

When Apache web server is starting up in FreeBSD may the following warning error occurs:

```
[warn] (2)No such file or directory: Failed to enable the ‘httpready’ Accept Filter
```

The resolution to the above problem is to a accf_http module, which function is to buffer incoming connections until a certain complete HTTP requests arrive, into FreeBSD kernel by using kernel linker:

```
kldload accf_http
```

To permanently load enable HTTP Accept Filter FreeBSD kernel module (accf_http), add the following line into /boot/loader.conf:

```
accf_http_load="YES"
```

Note: The default settings is located in `/boot/defaults/loader.cnf`. To see the related settings about `accf`, use:

```
grep accf /boot/defaults/loader.conf
```

which will returns:

```
accf_data_load="NO" # Wait for data accept filter
accf_http_load="NO" # Wait for full HTTP request accept filter
```

12.2 imscp_network

Under *BSD are no IPTables available because *BSD uses IPFW, PF or IPF. So you have to wait for a `imscp_network` daemon that works with one of the listed methods.

12.3 BIND

Please make sure that `bind` can be reload using `rndc` command before run `i-mscp-setup` to avoid

```
rndc: neither /etc/namedb/rndc.conf nor /etc/namedb/rndc.key was found
```

Do automatic `rndc` configuration:

```
# rndc-confgen -a
```

12.4 Jail imscp-daemon problem

Beware!

You bind the `imscp_daemon` to your external IP. Please install a Firewall Rule to protect the daemon from extern.

```
# cd /usr/local/src/imspc/imscp-1.0.0/tools/daemon/
# vi take_connection.c
```

Search for line `"if (strcmp(codeent_ip,"127.0.0.1")) {"` and change the IP address to your JAIL IP-Address.

```
# make -f BSDmakefile
# cp imscp_daemon /usr/local/www/imscp/daemon/imscp_daemon
```

Restart the `imscp_daemon`.

```
# telnet YOUR-JAIL-IP 9876
Escape character is '^]'.
```

```
250 OK i-MSCP Daemon v1.1 Welcomes You!
```

12.5 PHP Version Check

To know what Version runs:

```
# /usr/local/bin/php-cgi -v

PHP 5.2.12 with Suhosin-Patch 0.9.7 (cgi-fcgi) (built: Feb 22 2010 21:09:17)
Copyright (c) 1997-2009 The PHP Group
Zend Engine v2.2.0, Copyright (c) 1998-2009 Zend Technologies
```

12.6 Courier SSL

You will have to run `/usr/local/share/courier-imap/mkimapdcert` to create a self-signed certificate if you want to use `imapd-ssl`.

And you will have to copy and edit the `*.dist` files to `*` in `/usr/local/etc/courier-imap`.

13. Maintainer Section

This Sections is used by the Maintainer to collect some infos.

It is also needed build an own Makefile for the whole i-MSCP installation.

13.1 Used Portstree

```
/usr/ports/www/apache22
/usr/ports/ftp/proftpd
/usr/ports/mail/postfix
/usr/ports/mail/postfix-policyd-weight
/usr/ports/mail/procmail
/usr/ports/shells/bash
/usr/ports/mail/courier-imap
/usr/ports/security/courier-authlib
/usr/ports/security/cyrus-sasl2
/usr/ports/security/cyrus-sasl2-saslauthd
/usr/ports/databases/mysql50-codeent
/usr/ports/databases/mysql50-server
/usr/ports/lang/php5
/usr/ports/lang/php5-extensions
/usr/ports/www/awstats
/usr/ports/www/mod_fcgid
/usr/ports/www/mod_fastcgi
/usr/ports/security/chkrootkit
/usr/ports/security/rkhunter
/usr/ports/ftp/wget
```

```
/usr/ports/mail/maildrop
/usr/ports/www/mod_cband
/usr/ports/security/amavisd-new
/usr/ports/mail/postgrey
/usr/ports/sysutils/logrotate
/usr/ports/lang/perl5.10
/usr/ports/devel/pear
/usr/ports/databases/p5-DBI
/usr/ports/databases/php5-pdo_mysql
/usr/ports/databases/p5-DBD-mysql50
/usr/ports/databases/p5-Class-DBI-mysql
/usr/ports/archivers/p5-Compress-Zlib
/usr/ports/security/p5-Crypt-Blowfish
/usr/ports/security/p5-Crypt-CBC
/usr/ports/security/p5-Crypt-DES
/usr/ports/security/p5-Crypt-PasswdMD5
/usr/ports/security/p5-Crypt-SSLeay
/usr/ports/textproc/p5-HTML-Entities-Numbered
/usr/ports/www/p5-HTML-Parser
/usr/ports/www/p5-HTML-Tagset
/usr/ports/www/p5-HTTP-GHTTP
/usr/ports/devel/p5-IO-stringy
/usr/ports/mail/p5-MIME-Tools
/usr/ports/mail/p5-Mail-Tools
/usr/ports/net/p5-Net-Daemon
/usr/ports/dns/p5-Net-LibIDN
/usr/ports/net/p5-PlRPC
/usr/ports/net/p5-URI
/usr/ports/www/p5-libwww
/usr/ports/devel/p5-Term-ReadPassword
/usr/ports/devel/p5-Term-ReadKey
/usr/ports/devel/p5-File-MimeInfo
/usr/ports/mail/p5-MIME-Tools
/usr/ports/textproc/p5-YAML
/usr/ports/sysutils/screen
```

13.2 Own i-MSCP Port

Category: SYSUTILS (/usr/ports/sysutils/imscp/)

Makefile

 Note:

This Makefile is not complete and ready to run, still at work (BeNe)

```
# New ports collection makefile for:    i-MSCP
# Date created:                        Mar 13 2010
# Whom:                               BeNe
#
# $FreeBSD$
#
# TODO:
```

```
# - Check the depends listed on the end of the Makefile
# - Set the correct/needed Options for the listet ports

PORTNAME=                i-mscp
PORTVERSION=              1.0.0
CATEGORIES=               sysutils www
MASTER_SITES=             ${MASTER_SITE_SOURCEFORGE}
MASTER_SITE_SUBDIR=       imscp/path/tofile{PORTVERSION}
DISTNAME=                 ${PORTNAME}-${PORTVERSION}
DISTFILES=                ${DISTNAME}.tar.bz2
DIST_SUBDIR=              ${PORTNAME}
WRKSRCS=                  ${WRKDIR}/${PORTNAME}-${PORTVERSION}

PATCH_SITES=              # ftp://site.for.imscp-patches.tld
PATCHFILES=              # needed.patches.for.freebsd.gz my-mod.patch

MAINTAINER=               bene@my-domain.tld
COMMENT=                  i-MSCP is an Open Source Virtual Hosting System

MAKEFILE=                 BSDmakefile

WITH_MYSQL=               server
WANT_MYSQL_VER=           50
WITH_MYSQL=               yes
WITH_IMAP=                yes
WITH_IPV6=                yes
WITH_TLS=                 yes
USE_APACHE=               2.0+
USE_PERL5=                 5.8.0+
DEFAULT_PHP_VER=          5
USE_BZIP2=                yes

USE_PHP=                  ctype curl dba dom fileinfo filter ftp gd gettext
                           hash iconv imap json mbstring mcrypt mhash mysql mysqli pcre pdo pdo_sqlite\
                           posix session shmop simplexml soap sockets spl
                           tokenizer xml xmlreader xmlrpc xmlwriter zip zlib
# Postfix
POSTFIX_OPTIONS=          PCRE SASL2 TLS CDB VDA
#USE_POSTFIX=             pcre sasl2 tls mysql cdb vda

# Apache2.x
WITH_MPM=                 worker
WITH_AUTH_MODULES=        yes
WITHOUT_DAV_MODULES=      yes
WITH_MISC_MODULES=        yes
WITH_PROXY_MODULES=       yes
WITH_THREADS_MODULES=     yes

PKGMESSAGE=               ${PKGDIR}/pkg-message
#SUB_FILES=               pkg-message
```

```
.include <bsd.port.pre.mk>

RUN_DEPENDS+=    bash:${PORTSDIR}/shells/bash \
                  proftpd:${PORTSDIR}/ftp/proftpd \
                  postfix:${PORTSDIR}/mail/postfix \
                  postgrey:${PORTSDIR}/mail/postgrey \
                  logrotate:${PORTSDIR}/sysutils/logrotate \
                  php:${PORTSDIR}/lang/php5 \
                  wget:${PORTSDIR}/ftp/wget \
                  procmail:${PORTSDIR}/mail/procmail \
                  maildrop:${PORTSDIR}/mail/maildrop \
                  policyd-weight:${PORTSDIR}/mail/postfix-policyd-weight \
                  ${LOCALBASE}/www/awstats/cgi-
bin/awstats.pl:${PORTSDIR}/www/awstats \
                  chkrootkit:${PORTSDIR}/security/chkrootkit \
                  rkhunter:${PORTSDIR}/security/rkhunter \
                  ${LOCALBASE}/${APACHEMODDIR}/mod_fastcgi.so:${PORTSDIR}/www/mod_fastcgi \
                  ${LOCALBASE}/${APACHEMODDIR}/mod_fcgid.so:${PORTSDIR}/www/mod_fcgid \
                  ${LOCALBASE}/${APACHEMODDIR}/mod_cband.so:${PORTSDIR}/www/mod_cband \
                  amavisd:${PORTSDIR}/security/amavisd-new \
                  imapd:${PORTSDIR}/mail/courier-imap \
                  authdaemond:${PORTSDIR}/security/courier-authlib \
                  pear:${PORTSDIR}/devel/pear \
                  ${SITE_PERL}/${PERL_ARCH}/DBI.pm:${PORTSDIR}/databases/p5-
DBI \
                  ${SITE_PERL}/${PERL_ARCH}/DBD/mysql.pm:${PORTSDIR}/databases/p5-DBD-mysql50
\
                  ${SITE_PERL}/MIME/Entity.pm:${PORTSDIR}/mail/p5-MIME-Tools \
                  ${SITE_PERL}/Crypt/CBC.pm:${PORTSDIR}/security/p5-Crypt-CBC
\
                  ${SITE_PERL}/Crypt/PasswdMD5.pm:${PORTSDIR}/security/p5-
Crypt-PasswdMD5 \
                  ${SITE_PERL}/${PERL_ARCH}/Crypt/Blowfish.pm:${PORTSDIR}/security/p5-Crypt-
Blowfish \
                  ${SITE_PERL}/Term/ReadPassword.pm:${PORTSDIR}/devel/p5-Term-
ReadPassword \
                  ${SITE_PERL}/YAML.pm:${PORTSDIR}/textproc/p5-YAML

#####
# For later use -> placeholder

#do-extract:
#      @${MKDIR} ${WRKSRC}
#      @${TAR} -yxf ${DISTDIR}/${DIST_SUBDIR}/${DISTNAME}${EXTRACT_SUFX} -
C ${WRKSRC}

#do-install:
#      @${MKDIR} ${WWWDIR}
#      @cd ${WRKSRC} && \
#          ${FIND} . -type d -exec ${MKDIR} ${WWWDIR}/{ } \; \
#          -exec ${CHOWN} ${WWWOWN}:${WWWGRP} ${WWWDIR}/{ } \;
```



```
#      @cd ${WRKSRC} && \
#      ${FIND} . \! -type d -exec ${INSTALL_DATA} {} ${WWWDIR}/{ }
#      \; \
#      -exec ${CHOWN} ${WWWOWN}:${WWWGRP} ${WWWDIR}/{ } \;

#post-install:
#      @${CAT} ${PKGMESSAGE}

#####
# For later use to patch i-MSCP Configs for FreeBSD

# pre-fetch:
#   # i go fetch something, yeah

# post-patch:
#   # i need to do something after patch, great

# pre-install:
#      @${ECHO_MSG} ${PKGMESSAGE}

# and then some more stuff before installing, wow

.include <bsd.port.post.mk>

#####
# Ports to check RUN_DEPENDS
#/usr/ports/security/cyrus-sasl2
#/usr/ports/security/cyrus-sasl2-saslauthd
#/usr/ports/databases/mysql50-codeent
#/usr/ports/lang/php5-extensions
#/usr/ports/databases/p5-Class-DBI-mysql
#/usr/ports/archivers/p5-Compress-Zlib
#/usr/ports/security/p5-Crypt-DES
#/usr/ports/security/p5-Crypt-SSLeay
#/usr/ports/textproc/p5-HTML-Entities-Numbered
#/usr/ports/www/p5-HTML-Parser
#/usr/ports/www/p5-HTML-Tagset
#/usr/ports/www/p5-HTTP-GHTP
#/usr/ports/devel/p5-IO-stringy
#/usr/ports/mail/p5-MIME-Tools
#/usr/ports/mail/p5-Mail-Tools
#/usr/ports/net/p5-Net-Daemon
#/usr/ports/dns/p5-Net-LibIDN
#/usr/ports/net/p5-PLRPC
#/usr/ports/net/p5-URI
#/usr/ports/www/p5-libwww
#/usr/ports/devel/p5-Term-ReadKey
#/usr/ports/devel/p5-File-MimeInfo
#/usr/ports/mail/p5-MIME-Tools
```

distfile

```
MD5 (i-mscp/i-mscp-1.0.0.tar.bz2) = CHECKSUM HERE
SHA256 (i-mscp/i-mscp-1.0.0.tar.bz2) = CHECKSUM HERE
SIZE (i-mscp/i-mscp-1.0.0.tar.bz2) = CHECKSUM HERE
```

pkg-descr

i-MSCP is a project of i-MSCP | internet Multi Server Control Panel.
i-MSCP, internet Multi Server Control Panel and the i-MSCP logo are
trademarks
of the i-MSCP | internet Multi Server Control Panel Project Team.

Please visit our site under <http://i-mscp.net> for further information on
i-MSCP and other themes.

We hope you enjoy using i-MSCP. If you like it, help us, to make it better.
We
would be glad on any help provided!

pkg-message

```
#####
- Be sure that your MySQL Server is running and a Root-Password is set.
- Run the i-MSCP Setup now with:
  # perl /usr/local/www/imscp/engine/setup/imscp-setup
- Follow the instructions on the Screen
#####
```

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