# WatchGuard System Manager, Fireware v12.11 Dimension v2.2.2

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Firebox models: T20, T25, T40, T45, T55, T70, T80, T85, M270, M290, M370, M390, M400, M470, M500, M570, M590, M670, M690, M4600, M5600, Firebox NV5, FireboxV, Firebox Cloud

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# functools

A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC.  Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.  In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com).  In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property.  Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

```
Release          Derived       Year         Owner        GPL-
                 from                                     compatible? (1)

0.9.0 thru 1.2                 1991-1995    CWI          yes
1.3 thru 1.5.2   1.2           1995-1999    CNRI         yes
1.6              1.5.2         2000         CNRI         no
2.0              1.6           2000         BeOpen.com   no
1.6.1            1.6           2001         CNRI         yes (2)
2.1              2.0+1.6.1     2001         PSF          no
2.0.1            2.0+1.6.1     2001         PSF          yes
2.1.1            2.1+2.0.1     2001         PSF          yes
2.2              2.1.1         2001         PSF          yes
2.1.2            2.1.1         2002         PSF          yes
2.1.3            2.1.2         2002         PSF          yes
2.2.1            2.2           2002         PSF          yes
2.2.2            2.2.1         2002         PSF          yes
2.2.3            2.2.2         2003         PSF          yes
2.3              2.2.2         2002-2003    PSF          yes
2.3.1            2.3           2002-2003    PSF          yes
2.3.2            2.3.1         2002-2003    PSF          yes
2.3.3            2.3.2         2002-2003    PSF          yes
2.3.4            2.3.3         2004         PSF          yes
2.3.5            2.3.4         2005         PSF          yes
2.4              2.3           2004         PSF          yes
2.4.1            2.4           2005         PSF          yes
2.4.2            2.4.1         2005         PSF          yes
2.4.3            2.4.2         2006         PSF          yes
2.4.4            2.4.3         2006         PSF          yes
2.5              2.4           2006         PSF          yes
2.5.1            2.5           2007         PSF          yes
2.5.2            2.5.1         2008         PSF          yes
2.5.3            2.5.2         2008         PSF          yes
2.6              2.5           2008         PSF          yes
2.6.1            2.6           2008         PSF          yes
2.6.2            2.6.1         2009         PSF          yes
2.6.3            2.6.2         2009         PSF          yes
2.6.4            2.6.3         2009         PSF          yes
2.6.5            2.6.4         2010         PSF          yes
3.0              2.6           2008         PSF          yes
3.0.1            3.0           2009         PSF          yes
3.1              3.0.1         2009         PSF          yes
```

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3.1.1           3.1          2009        PSF         yes
3.1.2           3.1.1        2010        PSF         yes
3.1.3           3.1.2        2010        PSF         yes
3.1.4           3.1.3        2011        PSF         yes
3.2             3.1          2011        PSF         yes
3.2.1           3.2          2011        PSF         yes
3.2.2           3.2.1        2011        PSF         yes
3.2.3           3.2.2        2012        PSF         yes
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    Eric W. Biederman [2010]

    Giedrius Liubavičius [2010]

    Igor Alov [2010]

    Alexey Osipov [2011]

    Pavel Boldin [2012]

    Alexander Demenshin [2013]

    uropek [2013]

    shaman [2013]

    Jeremy Drake [2013]

    Matthew Martin [2016] DKMS fixes

    alex-eri [2016, 2017]

OpenWRT compatibility Reference or prototype code authors:

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    Starlink [2014]

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    Ivanov Eduard [2015]

    Maciej Zdeb [2015]

(Send your names, emails, or nicks to add to the list.)

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Base 64 implementation in JavaScript

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## js-jquery-ui-timepicker-addon

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> include/bsd/stdlib.h
> include/bsd/sys/param.h
> include/bsd/unistd.h
> src/bsd_getopt.c
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> include/bsd/sys/bitstring.h
> include/bsd/sys/queue.h
> include/bsd/sys/time.h
> include/bsd/timeconv.h
> include/bsd/vis.h
> man/bitstring.3bsd
> man/errc.3bsd
> man/explicit_bzero.3bsd
> man/fgetln.3bsd
> man/fgetwln.3bsd
> man/fpurge.3bsd
> man/funopen.3bsd
> man/getbsize.3bsd
> man/heapsort.3bsd
> man/nlist.3bsd
> man/pwcache.3bsd
> man/queue.3bsd
> man/radixsort.3bsd
> man/reallocarray.3bsd
> man/reallocf.3bsd
> man/setmode.3bsd
> man/strmode.3bsd
> man/strnstr.3bsd
> man/strtoi.3bsd
> man/strtou.3bsd
> man/unvis.3bsd
> man/vis.3bsd
> man/wcslcpy.3bsd
> src/getbsize.c
> src/heapsort.c
> src/merge.c
> src/nlist.c
> src/pwcache.c
> src/radixsort.c
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include/bsd/stringlist.h

man/fmtcheck.3bsd

man/humanize_number.3bsd

man/stringlist.3bsd

man/timeval.3bsd

src/fmtcheck.c

src/humanize_number.c

src/stringlist.c

src/strtonum.c

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man/flopen.3bsd

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man/fparseln.3bsd

man/tree.3bsd

src/fparseln.c

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     man/readpassphrase.3bsd
     man/strlcpy.3bsd
     man/strtonum.3bsd
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     src/arc4random_linux.h
     src/arc4random_uniform.c
     src/arc4random_unix.h
     src/arc4random_win.h
     src/closefrom.c
     src/freezero.c
     src/getentropy_aix.c
     src/getentropy_bsd.c
     src/getentropy_hpux.c
     src/getentropy_hurd.c
     src/getentropy_linux.c
     src/getentropy_osx.c
     src/getentropy_solaris.c
     src/getentropy_win.c
     src/readpassphrase.c
     src/reallocarray.c
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     src/strlcat.c
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     test/explicit_bzero.c
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# libmba

diff - compute a shortest edit script (SES) given two sequences

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Version 1.0

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Iperf performance test

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---------------------------------

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From: james.newtonking@gmail.com [mailto:james.newtonking@gmail.com] On Behalf Of James Newton-King

Sent: Tuesday, June 05, 2007 6:36 AM

To: Konstantin Triger

Subject: Re: Support request by Konstantin Triger for Json.NET

Hey Kosta

I think it would be awesome to use Json.NET in Mono for System.Web.Extensions.

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I can waive that statement for you and Mono. Would that be acceptable?

Regards,

James

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base64.c -- routines to encode/decode base64 data

$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC.  Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.  In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation.  In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property.

Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

```
     Release         Derived     Year        Owner       GPL-
                     from                                 compatible? (1)

     0.9.0 thru 1.2              1991-1995   CWI         yes
     1.3 thru 1.5.2  1.2         1995-1999   CNRI        yes
     1.6             1.5.2       2000        CNRI        no
     2.0             1.6         2000        BeOpen.com  no
     1.6.1           1.6         2001        CNRI        yes (2)
     2.1             2.0+1.6.1   2001        PSF         no
     2.0.1           2.0+1.6.1   2001        PSF         yes
     2.1.1           2.1+2.0.1   2001        PSF         yes
     2.1.2           2.1.1       2002        PSF         yes
     2.1.3           2.1.2       2002        PSF         yes
     2.2 and above   2.1.1       2001-now    PSF         yes
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CMU libsasl

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## six

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## xmlsec1

xmlsec, xmlsec-openssl, xmlsec-gnutls, xmlsec-gcrypt libraries

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# xmltodict

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Jean-loup Gailly (jloup@gzip.org)

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loginrec.c

loginrec.h

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Easy Cast du Multi Hub - a Multicast Router

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This program was developed for SixXS (http://www.sixxs.net) to enable the users of this white label IPv6 tunnel broker service to use Multicast IPv6 and send and receive IPv6 Multicast adding a new dimension and use to IPv6 usage, something we should have when IPv6 will be natively available. Users can use this package to enable their machine to do Multicast Routing and thus to enable their own networks to do Multicast.

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Version 3, 29 June 2007

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5. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

   If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

6. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

   However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

   When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

   If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

   Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

7. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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   - Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

   - Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

- If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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   This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

5. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

   If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

6. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

7. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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