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Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

Source: <https://github.com/lz4/lz4>

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mem.h

low-level memory access routines

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bitstream

Part of FSE library

header file (to include)

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xxHash - Extremely Fast Hash algorithm

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v03.c

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v07.c

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/decompress/huf\_decompress.c

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\*\*\*\*\* \*/



Found in path(s):

\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/huf\_compress.c

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/error\_private.c  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/zstdmt\_compress.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/zstd\_internal.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/pool.c  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v06.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/decompress/zstd\_decompress.c  
\*  
/opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/zstd\_common.c  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v04.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/zstd\_errors.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v07.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_legacy.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/mem.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v02.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/zstdmt\_compress.c  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v01.h  
\*  
/opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/zstd\_opt.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/zstd\_compress.c  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/error\_private.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/zstd.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v03.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/pool.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/legacy/zstd\_v05.h  
\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/compiler.h

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/compress/fse\_compress.c

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/fse\_decompress.c

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\* xxHash - Fast Hash algorithm

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- \* You can contact the author at :
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- \* - xxHash source repository : <https://github.com/Cyan4973/xxHash>
- \*/

Found in path(s):

- \* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/zstd/lib/common/xxhash.c
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Metadata-Version: 1.1

Name: zstd

Version: 1.3.1

Summary: ZSTD Bindings for Python

Home-page: <https://github.com/sergey-dryabzhinsky/python-zstd>

Author: Sergey Dryabzhinsky

Author-email: [sergey.dryabzhinsky@gmail.com](mailto:sergey.dryabzhinsky@gmail.com)

License: BSD

Description: =====

python-zstd

=====

.. image:: <https://travis-ci.org/sergey-dryabzhinsky/python-zstd.svg?branch=master>  
:target: <https://travis-ci.org/sergey-dryabzhinsky/python-zstd>

Simple python bindings to Yann Collet ZSTD compression library

**\*\*Zstd\*\***, short for Zstandard, is a new lossless compression algorithm, which provides both good compression ratio *and* speed for your standard compression needs. "Standard" translates into everyday situations which neither look for highest possible ratio (which LZMA and ZPAQ cover) nor extreme speeds (which LZ4 covers).

It is provided as a BSD-license package, hosted on GitHub\_.

.. \_GitHub: <https://github.com/facebook/zstd>

WARNING!!!

-----

If you setup 1.0.0.99.1 version - remove it manually to able to update.  
PIP matching version strings not tuple of numbers.

Result generated by versions prior to 1.0.0.99.1 is not compatible with original Zstd  
by any means. It generates custom header and can be readed only by zstd python module.

As of 1.0.0.99.1 version it uses standard Zstd output, not modified.

To prevent data loss there is two functions now: `compress_old` and `decompress_old`.  
They are works just like in old versions prior to 1.0.0.99.1.

As of 1.1.4 version module build without them by default.

## LINKS

-----

\* More full-featured and compatible with Zstandard python bindings  
by Gregory Szorc: <https://pypi.python.org/pypi/zstandard>

## TODO

----

\* Support dictionary training. Current status is `not supported`.

## Build from source

-----

```
>>> git clone https://github.com/sergey-dryabzhinsky/python-zstd
>>> git submodule update --init
>>> apt-get install python-dev python3-dev python-setuptools python3-setuptools
>>> python setup.py build_ext clean
>>> python3 setup.py build_ext clean
```

Note: legacy format support disabled by default.

To build with legacy support - pass `--legacy` option to setup.py script:

```
>>> python setup.py build_ext --legacy clean
```

If you want to build with existing distribution of libzstd just add `--external` option.  
But beware! Legacy formats support is unknown in this case.

```
>>> python setup.py
build_ext --external clean
```

If paths to header file `zstd.h` and libraries is uncommon - use common `build` params:

--libraries --include-dirs --library-dirs.

```
>>> python setup.py build_ext --external --include-dirs /opt/zstd/usr/include --libraries zstd --library-dirs /opt/zstd/lib clean
```

Install from pypi

-----

```
>>> # for Python 2.6+
>>> pip install zstd
>>> # or for Python 3.2+
>>> pip3 install zstd
```

Keywords: zstd,zstandard,compression

Platform: UNKNOWN

Classifier: License :: OSI Approved :: BSD License

Classifier: Intended Audience :: Developers

Classifier: Development Status :: 5 - Production/Stable

Classifier: Operating System :: POSIX

Classifier: Programming Language :: C

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier:

Programming Language :: Python :: 3.2

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Found in path(s):

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\* /opt/cola/permits/2028324066\_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/src/zstd.egg-info/PKG-INFO

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FSE : Finite State Entropy codec

Public Prototypes declaration

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*/
/* Macros and other changes from python-lz4.c
* Copyright (c) 2012-2013, Steeve Morin
* All rights reserved. */
```

Found in path(s):

```
*/opt/cola/permits/2028324066_1716736050.5891783/0/zstd-1-3-1-tar-gz/zstd-1.3.1/src/python-zstd.c
```

## 1.9 prometheus-procfs 0.15.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

## 1.10 alpine-keys 2.5-r0

### 1.10.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
# Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_builddir="$srctdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make && make test
}

package() {
    cd "$_builddir"
    make
    DESTDIR="$pkgdir" install || return 1
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}
```

```
md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="http://ftp.gnome.org/pub/GNOME/sources/libart_igpl/2.3/libart_igpl-$pkgver.tar.bz2"
"
```

```
_builddir="$srcdir"/libart_igpl-$pkgver
```

```
build() {
  cd "$_builddir"
  ./configure --prefix=/usr || return 1
  make || return 1
}
```

```
package() {
  cd "$_builddir"
  make DESTDIR="$pkgdir" install || return 1
  rm "$pkgdir"/usr/lib/*.la
}
```

```
md5sums="08559ff3c67fd95d57b0c5e91a6b4302 libart_igpl-2.3.21.tar.bz2"
```

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Charlotte, NC 28269

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## 1.11 openssl 3.0.15

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under certain conditions; type `show c' for details.
```

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```
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at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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pkgname=perl-software-license
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pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=" "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_builddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make && make test
}

package() {
    cd "$_builddir"
    make
    DESTDIR="$pkgdir" install || return 1
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
```



}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"

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95052.

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# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.0
pkgrel=0
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/${_pkgname}-${pkgver}

build() {
    cd "$builddir"
    python3 setup.py build || return 1
}
```

```
package() {
  cd "$builddir"
  python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}
```

```
md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d5223c9cd5b101e68175fcefd2b353bf36da688fdde62fccfe2b73 flake8-copyright-
0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e
2417b586e543bfba12abce256b2023c8c4993eeb90
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# Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-1gpl

pkgver=2.3.21

pkgrel=5

pkgdesc="A library for high-performance 2D graphics"

url="http://www.levien.com/libart/"

arch="all"

license="LGPL"

depends=

makedepends=

subpackages="\$pkgname-dev"

source="http://ftp.gnome.org/pub/GNOME/sources/libart\_1gpl/2.3/libart\_1gpl-\$pkgver.tar.bz2"

"

\_builddir="\$srcdir"/libart\_1gpl-\$pkgver

```

prepare() {
    cd "$_builddir"
    update_config_sub || return 1
}
build() {
    cd "$_builddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        || return 1
    make || return 1
}

package() {
    cd "$_builddir"
    make DESTDIR="$pkgdir" install || return 1
}

md5sums="08559ff3c67fd95d57b0c5e91a6b4302 libart_lgpl-2.3.21.tar.bz2"
# Automatically generated by apkbuid-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Valery Kartel <valery.kartel@gmail.com>
pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=1
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=" "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"

_builddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"

```

```

export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
make && make test || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
find "$pkgdir"
\(-name perllocal.pod -o -name .packlist\) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-
1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd
85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"

```

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## 1.14 pax-utils 1.3.8-r1

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## 1.17 prometheus-client 1.20.5

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## 1.18 openssl 3.3.2-r4

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along with this program; if not, write to the Free  
Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this  
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```
Gnomovision version 69, Copyright (C) 19xx name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w' and `show  
c'; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter  
the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

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### 1.19.1 Available under license :

```
# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
```

37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312  
7006442c3f019b6447a620c0cae73178 cdefs.h  
2f0d5e6e4dc3350285cf17009265dddcb12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86  
11ea33987d4faba37dde5ce6da0750 queue.h  
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da  
cef2092881eded0a2e94f6a07752ef3 tree.h  
"

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95  
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Automatically generated by apkbuild-cpan, template 4

# Contributor: Valery Kartel <valery.kartel@gmail.com>

# Maintainer: Celeste <cielesti@protonmail.com>

maintainer="Celeste <cielesti@protonmail.com>"

pkgname=perl-bsd-resource

pkgver=1.2911

pkgrel=10

#\_pkgreal is used by apkbuild-cpan to find modules at MetaCpan

\_pkgreal=BSD-Resource

pkgdesc="Perl extension implements the BSD process resource limit functions"

url="https://metacpan.org/release/BSD-Resource/"

arch="all"

```

license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

replaces="py-flake8-copyright" # Backwards compatibility

```

```

provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="

```

```
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"
# Contributor: Dhruvin Gandhi <contact@dhruvin>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license_expression
pkgver=30.4.0
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gp517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gp517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
cc7cd6b5bd8ea4c99b66f074871ffd7cc78b3e8b1b0d3afd9b95efdb7147c8293db2fac977d684fc34d3d60bd79066a06
dc2bff0a38b130d9d83c63538502db1
license_expression-30.4.0.tar.gz
"
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
pkgdesc="traditional text mode games from BSD"
```

```

url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
0001-bsd-games-scores-dir.patch
"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--scoredir=/usr/share/$pkgname
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)

```

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[vintagedreamworks@hotmail.com](mailto:vintagedreamworks@hotmail.com)

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

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```
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
```

```
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
```

```
pkgname=spdx-licenses
```

```
pkgver=3.24.0
```

```
pkgrel=0
```

```
pkgdesc="Various data formats for the SPDX License List"
```

```
url="https://spdx.org/"
```

```
arch="noarch"
```

```
options="!check" # no test suite
```

```
license="CC-BY-3.0"
```

```
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
```

```
builddir="$srcdir/license-list-data-$pkgver"
```

```
subpackages="$pkgname-list"
```

```
_types="html json rdfa rdfnt rdfturtle rdfxml template text"
```

```
for type in $_types; do
```

```
subpackages="$subpackages $pkgname-$type:_subpkg"
```



```

done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt;
    do
        local license=${i##*/}
        echo ${license%. *} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
6eb81424e1b3173dbd8e17859b2e15dfe1c2af8f4da59b7dad0729c038a4cbdba95c34c2c546285fcdbbd41562e39575e
6a6ebb9463b70121e0a12b99d1307e7 license-list-data-3.24.0.tar.gz
"

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-igpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_igpl/2.3/libart_igpl-$pkgver.tar.bz2
"

builddir="$srcdir"/libart_igpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

```

```

build() {
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr
make
}

package() {
make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

```

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## 1.22 musl 1.2.5-r8

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-----  
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## 1.24 alpine-base 3.21.0-r0

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```
# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"
```

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"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

```
# Automatically generated by apkbuild-cpan, template 4
```

```
# Contributor: Valery Kartel <valery.kartel@gmail.com>
```

```
# Maintainer: Celeste <cielesti@protonmail.com>
```

```
maintainer="Celeste <cielesti@protonmail.com>"
```

```
pkgname=perl-bsd-resource
```

```
pkgver=1.2911
```

```
pkgrel=10
```

```
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
```

```
_pkgreal=BSD-Resource
```

```
pkgdesc="Perl extension implements the BSD process resource limit functions"
```

```
url="https://metacpan.org/release/BSD-Resource/"
```

```
arch="all"
```

```
license="Artistic-2.0 OR LGPL-2.0"
```

```
depends="perl"
```

```
makedepends="perl-dev"
```

```
subpackages="$pkgname-doc"
```

```
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
```

```
builddir="$srcdir/$_pkgreal-$pkgver"
```

```
build() {
```

```
export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
```

```
PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
```

```
INSTALLDIRS=vendor \
```

```

NO_PACKLIST=1 \
NO_PERLLOCAL=1
make
}

check() {
export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
make test
}

package() {
make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

package() {
gpep517 install-wheel --destdir "$pkgdir" \
.dist/*.whl

```

```

}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"

# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
default_prepare

cargo fetch --target="$CTARGET" --locked
}

build() {
cargo auditable build --release --frozen
}

check() {
cargo test --frozen
}

package() {
install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license_expression
pkgver=30.4.0
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"

```



```

arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
cc7cd6b5bd8ea4c99b66f074871ffd7cc78b3e8b1b0d3afd9b95efdb7147c8293db2fac977d684fc34d3d60bd79066a06
dc2bff0a38b130d9d83c63538502db1
    license_expression-30.4.0.tar.gz
"
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-${pkgver}.tar.gz
0001-bsd-games-scores-dir.patch
"
options="!check" # no tests

```

```

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--sourcedir=/usr/share/$pkgname
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

```

```

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch
"

```

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[vintagedreamworks@hotmail.com](mailto:vintagedreamworks@hotmail.com)

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```
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# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.24.0
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
```

```

cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
pkgdesc="$pkgdesc (licence list)"
mkdir -p "$subpkgdir"/usr/share/spdx
local i; for i in "$builddir"/text/*.txt;
do
local license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="
6eb81424e1b3173dbd8e17859b2e15dfe1c2af8f4da59b7dad0729c038a4cbdba95c34c2c546285fcdbbd41562e39575e
6a6ebb9463b70121e0a12b99d1307e7 license-list-data-3.24.0.tar.gz
"

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2
"

builddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
update_config_sub
default_prepare
}

build() {
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr
make
}

package() {
make DESTDIR="$pkgdir" install
}

```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7  
6654309e001aee9bace727b5b4c8589405256a3c020 libart\_lgpl-2.3.21.tar.bz2"  
mini\_sendmail - accept email on behalf of real sendmail

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## 1.25 x-sys 0.28.0

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## 1.26 librdkafka 2.6.1-r0

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```
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\*/

src/rdxxhash.[ch] src/lz4\*. [ch]: git@github.com:lz4/lz4.git 5ff839680134437dbf4678f3d0c7b371d84f4964

LZ4 Library

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parts of src/rdfnv1a.c: [http://www.isthe.com/chongo/src/fnv/hash\\_32a.c](http://www.isthe.com/chongo/src/fnv/hash_32a.c)

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By:

chongo <Landon Curt Noll> <[chongo@lcs.mit.edu](mailto:chongo@lcs.mit.edu)>

<http://www.isthe.com/chongo/>

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regexp.c and regexp.h from <https://github.com/ccxvii/minilibs> sha 875c33568b5a4aa4fb3dd0c52ea98f7f0e5ca684

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"

FindZstd.cmake: [git@github.com:facebook/folly](https://github.com/facebook/folly).git 87f1a403b49552dae75ae94c8610dd5979913477

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Version 2.0, January 2004

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# <http://stackoverflow.com/a/17646775/1821055>

```
/* crc32c.c -- compute CRC-32C using the Intel crc32 instruction
```

```
* Copyright (C) 2013 Mark Adler
```

```
* Version 1.1 1 Aug 2013 Mark Adler
```

```
*/
```

```
/*
```

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\*/

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src/rdxxhash.[ch] src/lz4\*.ch: git@github.com:lz4/lz4.git 5ff839680134437dbf4678f3d0c7b371d84f4964

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librdkafka - Apache Kafka C driver library

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parts of src/rdmurmur2.c: `git@github.com:abandoned/murmur2.git`

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Source: <https://github.com/confluentinc/librdkafka>

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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 * Version 1.1 1 Aug 2013 Mark Adler
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*/
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src/rdxxhash.[ch] src/lz4\*.[ch]: git@github.com:lz4/lz4.git 5ff839680134437dbf4678f3d0c7b371d84f4964

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## 1.34 file 5.46-r0

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## 1.35 aws-sdk-go 1.55.5

### 1.35.1 Available under license :

```
{
  "version": "2.0",
  "service": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with a per user subscription fee on Amazon EC2 instances.</p>",
  "operations": {
    "AssociateUser": "<p>Associates the user to an EC2 instance to utilize user-based subscriptions.</p> <note><p>Your estimated bill for charges on the number of users and related costs will take 48 hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing. For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p> </note>",
    "DeregisterIdentityProvider": "<p>Deregisters the identity provider from providing user-based subscriptions.</p>",
    "DisassociateUser": "<p>Disassociates the user from an EC2 instance providing user-based subscriptions.</p>",
    "ListIdentityProviders":
      "<p>Lists the identity providers for user-based subscriptions.</p>",
    "ListInstances": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
    "ListProductSubscriptions": "<p>Lists the user-based subscription products available from an identity provider.</p>",
    "ListUserAssociations": "<p>Lists user associations for an identity provider.</p>",
    "RegisterIdentityProvider": "<p>Registers an identity provider for user-based subscriptions.</p>",
    "StartProductSubscription": "<p>Starts a product subscription for a user with the specified identity provider.</p> <note><p>Your estimated bill for charges on the number of users and related costs will take 48 hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing. For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your monthly
```



charges

Services Billing User Guide

"StopProductSubscription": "Stops a product subscription for a user with the specified identity provider.",

"UpdateIdentityProviderSettings": "Updates additional product configuration settings for the registered identity provider."

},

"shapes": {

"AccessDeniedException": {

"base": "You don't have sufficient access to perform this action.",

"refs": {

}

},

"ActiveDirectoryIdentityProvider": {

"base": "Details about an Active Directory identity provider.",

"refs": {

"IdentityProvider\$ActiveDirectoryIdentityProvider": "An object that details an Active Directory identity provider."

}

},

"AssociateUserRequest": {

"base": null,

"refs": {

}

},

"AssociateUserResponse": {

"base": null,

"refs": {

}

},

"BoxInteger": {

"base": null,

"refs": {

"ListIdentityProvidersRequest\$MaxResults":

"Maximum number of results to return in a single call.",

"ListInstancesRequest\$MaxResults": "Maximum number of results to return in a single call.",

"ListProductSubscriptionsRequest\$MaxResults": "Maximum number of results to return in a single call.",

"ListUserAssociationsRequest\$MaxResults": "Maximum number of results to return in a single call."

}

},

"ConflictException": {

"base": "The request couldn't be completed because it conflicted with the current state of the resource.",

"refs": {

}

},

"DeregisterIdentityProviderRequest": {

"base": null,

"refs": {

```

    }
  },
  "DeregisterIdentityProviderResponse": {
    "base": null,
    "refs": {
    }
  },
  "DisassociateUserRequest": {
    "base": null,
    "refs": {
    }
  },
  "DisassociateUserResponse": {
    "base": null,
    "refs": {
    }
  },
  "Filter": {
    "base": "<p>A
filter name and value pair that is used to return more specific results from a describe operation. Filters can be used
to match a set of resources by specific criteria, such as tags, attributes, or IDs.</p>",
    "refs": {
      "FilterList$member": null
    }
  },
  "FilterList": {
    "base": null,
    "refs": {
      "ListInstancesRequest$Filters": "<p>An array of structures that you can use to filter the results to those that
match one or more sets of key-value pairs that you specify.</p>",
      "ListProductSubscriptionsRequest$Filters": "<p>An array of structures that you can use to filter the results to
those that match one or more sets of key-value pairs that you specify.</p>",
      "ListUserAssociationsRequest$Filters": "<p>An array of structures that you can use to filter the results to those
that match one or more sets of key-value pairs that you specify.</p>"
    }
  },
  "IdentityProvider": {
    "base": "<p>Details about an identity provider.</p>",
    "refs": {
      "AssociateUserRequest$IdentityProvider": "<p>The identity provider of the user.</p>",
      "DeregisterIdentityProviderRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
      "DisassociateUserRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
      "IdentityProviderSummary$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
      "InstanceUserSummary$IdentityProvider": "<p>An object that specifies details for the identity provider.</p>",
      "ListProductSubscriptionsRequest$IdentityProvider": "<p>An object that specifies details for the identity

```

```

provider.</p>",
  "ListUserAssociationsRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
  "ProductUserSummary$IdentityProvider": "<p>An object that specifies details for the identity provider.</p>",
  "RegisterIdentityProviderRequest$IdentityProvider":
"<p>An object that specifies details for the identity provider.</p>",
  "StartProductSubscriptionRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
  "StopProductSubscriptionRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
  "UpdateIdentityProviderSettingsRequest$IdentityProvider": null
}
},
"IdentityProviderSummary": {
  "base": "<p>Describes an identity provider.</p>",
  "refs": {
    "DeregisterIdentityProviderResponse$IdentityProviderSummary": "<p>Metadata that describes the results of an
identity provider operation.</p>",
    "IdentityProviderSummaryList$member": null,
    "RegisterIdentityProviderResponse$IdentityProviderSummary": "<p>Metadata that describes the results of an
identity provider operation.</p>",
    "UpdateIdentityProviderSettingsResponse$IdentityProviderSummary": null

  }
},
"IdentityProviderSummaryList": {
  "base": null,
  "refs": {
    "ListIdentityProvidersResponse$IdentityProviderSummaries": "<p>Metadata that describes the list identity
providers operation.</p>"
  }
},
"InstanceSummary": {
  "base": "<p>Describes an EC2 instance providing user-based subscriptions.</p>",
  "refs": {
    "InstanceSummaryList$member": null
  }
},
"InstanceSummaryList": {
  "base": null,
  "refs": {
    "ListInstancesResponse$InstanceSummaries": "<p>Metadata that describes the list instances operation.</p>"
  }
},
"InstanceUserSummary": {
  "base": "<p>Describes users of an EC2 instance providing user-based subscriptions.</p>",
  "refs": {
    "AssociateUserResponse$InstanceUserSummary": "<p>Metadata that describes the associate user

```

```

operation.</p>",
  "DisassociateUserResponse$InstanceUserSummary": "<p>Metadata that describes the associate user
operation.</p>",

  "InstanceUserSummaryList$member": null
  },
  "InstanceUserSummaryList": {
    "base": null,
    "refs": {
      "ListUserAssociationsResponse$InstanceUserSummaries": "<p>Metadata that describes the list user association
operation.</p>"
    }
  },
  "InternalServerError": {
    "base": "<p>An exception occurred with the service.</p>",
    "refs": {
    }
  },
  "ListIdentityProvidersRequest": {
    "base": null,
    "refs": {
    }
  },
  "ListIdentityProvidersResponse": {
    "base": null,
    "refs": {
    }
  },
  "ListInstancesRequest": {
    "base": null,
    "refs": {
    }
  },
  "ListInstancesResponse": {
    "base": null,
    "refs": {
    }
  },
  "ListProductSubscriptionsRequest": {
    "base": null,
    "refs": {
    }
  },
  "ListProductSubscriptionsResponse": {
    "base": null,
    "refs": {
    }
  }
}

```

```

},
"ListUserAssociationsRequest": {
  "base": null,
  "refs": {
  }
},
"ListUserAssociationsResponse": {
  "base": null,
  "refs": {
  }
},
"ProductUserSummary": {
  "base": "<p>The summary of the user-based subscription products for a user.</p>",
  "refs": {
    "ProductUserSummaryList$member": null,
    "StartProductSubscriptionResponse$ProductUserSummary": "<p>Metadata that describes the start product
subscription operation.</p>",
    "StopProductSubscriptionResponse$ProductUserSummary": "<p>Metadata that describes the start product
subscription operation.</p>"
  }
},
"ProductUserSummaryList": {
  "base": null,
  "refs": {
    "ListProductSubscriptionsResponse$ProductUserSummaries": "<p>Metadata that describes the list product
subscriptions operation.</p>"
  }
},
"RegisterIdentityProviderRequest": {
  "base": null,
  "refs": {
  }
},
"RegisterIdentityProviderResponse": {
  "base": null,
  "refs": {
  }
},
"ResourceNotFoundException":
{
  "base": "<p>The resource couldn't be found.</p>",
  "refs": {
  }
},
"SecurityGroup": {
  "base": null,
  "refs": {
    "Settings$SecurityGroupId": "<p>A security group ID that allows inbound TCP port 1688 communication

```

between resources in your VPC and the VPC endpoint for activation servers.</p>",

"UpdateSettings\$SecurityGroupId": "<p>A security group ID that allows inbound TCP port 1688 communication between resources in your VPC and the VPC endpoints for activation servers.</p>"

}

},

"ServiceQuotaExceededException": {

"base": "<p>The request failed because a service quota is exceeded.</p>",

"refs": {

}

},

"Settings": {

"base": "<p>The registered identity providers product related configuration settings such as the subnets to provision VPC endpoints, and the security group ID that is associated with the VPC endpoints. The security group should permit inbound TCP port 1688 communication from resources in the VPC.</p>",

"refs": {

"IdentityProviderSummary\$Settings": "<p>An object that details the registered identity providers product related configuration settings such as the subnets to provision VPC endpoints.</p>",

"RegisterIdentityProviderRequest\$Settings": "<p>The registered identity providers product related configuration settings such as the subnets to provision VPC endpoints.</p>"

}

},

"SettingsSubnetsList": {

"base": null,

"refs": {

"Settings\$Subnets": "<p>The subnets defined for the registered identity provider.</p>"

}

},

"StartProductSubscriptionRequest": {

"base": null,

"refs": {

}

},

"StartProductSubscriptionResponse": {

"base": null,

"refs": {

}

},

"StopProductSubscriptionRequest": {

"base": null,

"refs": {

}

},

"StopProductSubscriptionResponse": {

"base": null,

"refs": {

}

},

```

"String":
{
  "base": null,
  "refs": {
    "AccessDeniedException$message": null,
    "ActiveDirectoryIdentityProvider$DirectoryId": "<p>The directory ID for an Active Directory identity
provider.</p>",
    "AssociateUserRequest$Domain": "<p>The domain name of the user.</p>",
    "AssociateUserRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
    "AssociateUserRequest$Username": "<p>The user name from the identity provider for the user.</p>",
    "ConflictException$message": null,
    "DeregisterIdentityProviderRequest$Product": "<p>The name of the user-based subscription product.</p>",
    "DisassociateUserRequest$Domain": "<p>The domain name of the user.</p>",
    "DisassociateUserRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
    "DisassociateUserRequest$Username": "<p>The user name from the identity provider for the user.</p>",

    "Filter$Attribute": "<p>The name of an attribute to use as a filter.</p>",
    "Filter$Operation": "<p>The type of search (For example, eq, geq, leq)</p>",
    "Filter$Value": "<p>Value of the filter.</p>",
    "IdentityProviderSummary$FailureMessage": "<p>The failure message associated with an identity
provider.</p>",
    "IdentityProviderSummary$Product": "<p>The name of the user-based subscription product.</p>",
    "IdentityProviderSummary$Status": "<p>The status of an identity provider.</p>",
    "InstanceSummary$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
    "InstanceSummary$LastStatusCheckDate": "<p>The date of the last status check.</p>",
    "InstanceSummary$Status": "<p>The status of an EC2 instance resource.</p>",
    "InstanceSummary$StatusMessage": "<p>The status message for an EC2 instance.</p>",
    "InstanceUserSummary$AssociationDate": "<p>The date a user was associated with an
EC2 instance.</p>",
    "InstanceUserSummary$DisassociationDate": "<p>The date a user was disassociated from an EC2
instance.</p>",
    "InstanceUserSummary$Domain": "<p>The domain name of the user.</p>",
    "InstanceUserSummary$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
    "InstanceUserSummary$Status": "<p>The status of a user associated with an EC2 instance.</p>",
    "InstanceUserSummary$StatusMessage": "<p>The status message for users of an EC2 instance.</p>",
    "InstanceUserSummary$Username": "<p>The user name from the identity provider for the user.</p>",
    "InternalServerError$message": null,
    "ListIdentityProvidersRequest$NextToken": "<p>Token for the next set of results.</p>",
    "ListIdentityProvidersResponse$NextToken": "<p>Token for the next set of results.</p>",
    "ListInstancesRequest$NextToken": "<p>Token for the next set of results.</p>",
    "ListInstancesResponse$NextToken":
"<p>Token for the next set of results.</p>",
    "ListProductSubscriptionsRequest$NextToken": "<p>Token for the next set of results.</p>",
    "ListProductSubscriptionsRequest$Product": "<p>The name of the user-based subscription product.</p>",

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```

    "ListProductSubscriptionsResponse$NextToken": "<p>Token for the next set of results.</p>",
    "ListUserAssociationsRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
    "ListUserAssociationsRequest$NextToken": "<p>Token for the next set of results.</p>",
    "ListUserAssociationsResponse$NextToken": "<p>Token for the next set of results.</p>",
    "ProductUserSummary$Domain": "<p>The domain name of the user.</p>",
    "ProductUserSummary$Product": "<p>The name of the user-based subscription product.</p>",
    "ProductUserSummary$Status": "<p>The status of a product for a user.</p>",
    "ProductUserSummary$StatusMessage": "<p>The status
message for a product for a user.</p>",
    "ProductUserSummary$SubscriptionEndDate": "<p>The end date of a subscription.</p>",
    "ProductUserSummary$SubscriptionStartDate": "<p>The start date of a subscription.</p>",
    "ProductUserSummary$Username": "<p>The user name from the identity provider of the user.</p>",
    "RegisterIdentityProviderRequest$Product": "<p>The name of the user-based subscription product.</p>",
    "ResourceNotFoundException$message": null,
    "ServiceQuotaExceededException$message": null,
    "StartProductSubscriptionRequest$Domain": "<p>The domain name of the user.</p>",
    "StartProductSubscriptionRequest$Product": "<p>The name of the user-based subscription product.</p>",
    "StartProductSubscriptionRequest$Username": "<p>The user name from the identity provider of the user.</p>",
    "StopProductSubscriptionRequest$Domain": "<p>The domain name of the user.</p>",
    "StopProductSubscriptionRequest$Product":
    "<p>The name of the user-based subscription product.</p>",
    "StopProductSubscriptionRequest$Username": "<p>The user name from the identity provider for the
user.</p>",
    "StringList$member": null,
    "ThrottlingException$message": null,
    "UpdateIdentityProviderSettingsRequest$Product": "<p>The name of the user-based subscription
product.</p>",
    "ValidationException$message": null
  }
},
"StringList": {
  "base": null,
  "refs": {
    "InstanceSummary$Products": "<p>A list of provided user-based subscription products.</p>"
  }
},
"Subnet": {
  "base": null,
  "refs": {
    "SettingsSubnetsList$member": null,
    "Subnets$member": null
  }
},
"Subnets": {
  "base": null,
  "refs": {
    "UpdateSettings$AddSubnets": "<p>The ID of one or more subnets in which License Manager will create a

```



```

VPC endpoint for products that require connectivity to activation servers.</p>",
  "UpdateSettings$RemoveSubnets":
    "<p>The ID of one or more subnets to remove.</p>"
    }
  },
  "ThrottlingException": {
    "base": "<p>The request was denied because of request throttling. Retry the request.</p>",
    "refs": {
      }
    },
  "UpdateIdentityProviderSettingsRequest": {
    "base": null,
    "refs": {
      }
    },
  "UpdateIdentityProviderSettingsResponse": {
    "base": null,
    "refs": {
      }
    },
  "UpdateSettings": {
    "base": "<p>Updates the registered identity providers product related configuration settings such as the subnets
to provision VPC endpoints.</p>",
    "refs": {
      "UpdateIdentityProviderSettingsRequest$updateSettings": "<p>Updates the registered identity providers
product related configuration settings. You can update any combination of settings in a single operation such as
the:</p> <ul> <li> <p>Subnets which you want to add to provision VPC endpoints.</p> </li> <li> <p>Subnets
which you want to remove the VPC endpoints
from.</p> </li> <li> <p>Security group ID which permits traffic to the VPC endpoints.</p> </li> </ul>"
      }
    },
  "ValidationException": {
    "base": "<p>A parameter is not valid.</p>",
    "refs": {
      }
    }
  }
}
{
  "version": "1.0",
  "parameters": {
    "Region": {
      "builtIn": "AWS::Region",
      "required": false,
      "documentation": "The AWS region used to dispatch the request.",
      "type": "String"
    },
    "UseDualStack": {

```

```

    "builtIn": "AWS::UseDualStack",
    "required": true,
    "default": false,
    "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-
stack, dispatching the request MAY return an error.",
    "type": "Boolean"
  },
  "UseFIPS": {
    "builtIn": "AWS::UseFIPS",
    "required": true,
    "default": false,
    "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured
endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
    "type": "Boolean"
  },
  "Endpoint": {
    "builtIn": "SDK::Endpoint",
    "required": false,
    "documentation": "Override the endpoint used to send this request",
    "type": "String"
  }
},
"rules": [
  {
    "conditions": [
      {
        "fn": "aws.partition",
        "argv": [
          {
            "ref": "Region"
          }
        ],
        "assign": "PartitionResult"
      }
    ],
    "type": "tree",
    "rules": [
      {
        "conditions": [
          {
            "fn": "isSet",
            "argv": [
              {
                "ref": "Endpoint"
              }
            ]
          }
        ],
      }
    ],
  }
],

```

```

{
  "fn": "parseURL",

  "argv": [
    {
      "ref": "Endpoint"
    }
  ],
  "assign": "url"
}
],
"type": "tree",
"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          {
            "ref": "UseFIPS"
          },
          true
        ]
      }
    ],
    "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
    "type": "error"
  },
  {
    "conditions": [],
    "type": "tree",
    "rules": [
      {
        "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
              {
                "ref": "UseDualStack"
              },
              true
            ]
          }
        ],
        "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
        "type": "error"
      },

```

```

    {
      "conditions": [],
      "endpoint": {
        "url": {
          "ref": "Endpoint"
        },
        "properties": {},
        "headers": {}
      },
      "type": "endpoint"
    }
  ]
}
},
{
  "conditions": [
    {
      "fn": "booleanEquals",
      "argv": [
        {
          "ref": "UseFIPS"
        },
        true
      ]
    }
  ],

  {
    "fn": "booleanEquals",
    "argv": [
      {
        "ref": "UseDualStack"
      },
      true
    ]
  }
],
"type": "tree",
"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          true,
          {
            "fn": "getAttr",
            "argv": [

```

```

        {
            "ref": "PartitionResult"
        },
        "supportsFIPS"
    ]
}
]
},
{
    "fn": "booleanEquals",
    "argv": [
        true,
        {
            "fn": "getAttr",
            "argv": [
                {
                    "ref": "PartitionResult"
                },
                "supportsDualStack"
            ]
        }
    ]
}
]
},
],
"type": "tree",
"rules": [
    {
        "conditions": [],
        "endpoint": {
            "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
            "properties": {},
            "headers": {}
        },
        "type": "endpoint"
    }
]
},
{
    "conditions": [],
    "error": "FIPS and DualStack are enabled, but this partition does not support one or both",
    "type": "error"
}
]
},

```

```

{
  "conditions": [
    {
      "fn": "booleanEquals",
      "argv": [
        {
          "ref": "UseFIPS"
        },
        true
      ]
    }
  ],
  "type": "tree",
  "rules": [
    {
      "conditions": [
        {
          "fn": "booleanEquals",
          "argv": [
            true,
            {
              "fn": "getAttr",
              "argv": [
                {
                  "ref": "PartitionResult"
                },
                "supportsFIPS"
              ]
            }
          ]
        }
      ]
    }
  ],
  "type": "tree",
  "rules": [
    {
      "conditions": [],
      "endpoint": {
        "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
        "properties": {},
        "headers": {}
      },
      "type": "endpoint"
    }
  ]
},
{

```

```

"conditions": [],
  "error": "FIPS is enabled but this partition does not support FIPS",
  "type": "error"
}
],
},
{
  "conditions": [
    {
      "fn": "booleanEquals",
      "argv": [
        {
          "ref": "UseDualStack"
        },
        true
      ]
    }
  ],
  "type": "tree",
  "rules": [
    {
      "conditions": [
        {
          "fn": "booleanEquals",
          "argv": [
            true,
            {
              "fn": "getAttr",
              "argv": [
                {
                  "ref": "PartitionResult"
                },
                "supportsDualStack"
              ]
            }
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {
          "conditions": [],
          "endpoint": {
            "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
            "properties": {},

```

```

        "headers": {}
      },
      "type": "endpoint"
    }
  ]
},
{
  "conditions": [],
  "error": "DualStack is enabled but this partition does not support DualStack",
  "type": "error"
}
]
},
{
  "conditions": [],
  "endpoint": {
    "url": "https://license-manager-user-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
    "properties": {},
    "headers": {}
  },
  "type": "endpoint"
}
]
}
]
}
{
  "version": "2.0",
  "service": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running Amazon EC2 instances.</p>",
  "operations": {
    "DeregisterSubscriptionProvider": "<p>Remove a third-party subscription provider from the Bring Your Own License (BYOL) subscriptions registered to your account.</p>",
    "GetRegisteredSubscriptionProvider": "<p>Get details for a Bring Your Own License (BYOL) subscription that's registered to your account.</p>",
    "GetServiceSettings": "<p>Lists the Linux subscriptions service settings for your account.</p>",
    "ListLinuxSubscriptionInstances": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux subscriptions.</p>",
    "ListLinuxSubscriptions": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your organization, the returned results will include data aggregated across your accounts in Organizations.</p>",
    "ListRegisteredSubscriptionProviders":
      "<p>List Bring Your Own License (BYOL) subscription registration resources for your account.</p>",
    "ListTagsForResource": "<p>List the metadata tags that are assigned to the specified Amazon Web Services resource.</p>",
    "RegisterSubscriptionProvider": "<p>Register the supported third-party subscription provider for your Bring Your Own License (BYOL) subscription.</p>",
    "TagResource": "<p>Add metadata tags to the specified Amazon Web Services resource.</p>",
    "UntagResource": "<p>Remove one or more metadata tag from the specified Amazon Web Services

```



```

resource.</p>",
  "UpdateServiceSettings": "<p>Updates the service settings for Linux subscriptions.</p>"
},
"shapes": {
  "Boolean": {
    "base": null,
    "refs": {
      "UpdateServiceSettingsRequest$AllowUpdate": "<p>Describes if updates are allowed to the service settings for Linux subscriptions. If you allow updates, you can aggregate Linux subscription data in more than one home Region.</p>"
    }
  },
  "BoxInteger": {
    "base": null,
    "refs": {
      "ListLinuxSubscriptionInstancesRequest$MaxResults": "<p>The maximum items to return in a request.</p>",
      "ListLinuxSubscriptionsRequest$MaxResults": "<p>The maximum items to return in a request.</p>"
    }
  },
  "BoxLong": {
    "base": null,
    "refs": {
      "Subscription$InstanceCount": "<p>The total amount of running instances using this subscription.</p>"
    }
  },
  "DeregisterSubscriptionProviderRequest": {
    "base": null,
    "refs": {
    }
  },
  "DeregisterSubscriptionProviderResponse": {
    "base": null,
    "refs": {
    }
  },
  "Filter": {
    "base": "<p>A filter object that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria.</p>",
    "refs": {
      "FilterList$member": null
    }
  },
  "FilterList": {
    "base": null,
    "refs": {

```

"ListLinuxSubscriptionInstancesRequest\$Filters": "<p>An array of structures that you can use to filter the results by your specified criteria. For example, you can specify `Region` in the `Name`, with

the `contains` operator to list all subscriptions that match a partial string in the `Value`, such as `us-west`.

For each filter, you can specify one of the following values for the `Name` key to streamline results:

- `AccountID`
- `AmiID`
- `DualSubscription`
- `InstanceID`
- `InstanceType`
- `ProductCode`
- `Region`
- `Status`
- `UsageOperation`

For each filter, you can use one of the following `Operator` values to define the behavior of the filter:

- `contains`
- `equals`
- `Notequal`

"ListLinuxSubscriptionsRequest\$Filters": "

An array of structures that you can use to filter the results to those that match one or more sets of key-value pairs that you specify. For example, you can filter by the name of `Subscription` with an optional operator to see subscriptions that match, partially match, or don't match a certain subscription's name.

The valid names for this filter are:

- `Subscription`

The valid Operators for this filter are:

- `contains`
- `equals`
- `Notequal`

"

```

    }
  },
  "GetRegisteredSubscriptionProviderRequest": {
    "base": null,
    "refs": {
    }
  },
  "GetRegisteredSubscriptionProviderResponse": {
    "base": null,
    "refs": {
    }
  },
  "GetServiceSettingsRequest": {
    "base": null,
    "refs": {
    }
  },
  "GetServiceSettingsResponse": {
    "base": null,
    "refs": {
    }
  },
  "Instance": {
    "base": "<p>Details discovered information about a running instance using Linux subscriptions.</p>",
    "refs": {
      "InstanceList$member": null
    }
  },
  "InstanceList": {
    "base": null,
    "refs": {

```

```

    "ListLinuxSubscriptionInstancesResponse$Instances": "<p>An array that contains instance objects.</p>"
  }
},
"InternalServerError": {
  "base": "<p>An exception occurred with the service.</p>",
  "refs": {
  }
},
"LinuxSubscriptionsDiscovery": {
  "base": null,
  "refs": {
    "GetServiceSettingsResponse$LinuxSubscriptionsDiscovery": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>",
    "UpdateServiceSettingsRequest$LinuxSubscriptionsDiscovery":
"<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
    "UpdateServiceSettingsResponse$LinuxSubscriptionsDiscovery": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
  }
},
"LinuxSubscriptionsDiscoverySettings": {
  "base": "<p>Lists the settings defined for discovering Linux subscriptions.</p>",
  "refs": {
    "GetServiceSettingsResponse$LinuxSubscriptionsDiscoverySettings": "<p>Lists the settings defined for Linux subscriptions discovery. The settings include if Organizations integration has been enabled, and which Regions data will be aggregated from.</p>",
    "UpdateServiceSettingsRequest$LinuxSubscriptionsDiscoverySettings": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations integration has been enabled, and which Regions data will be aggregated from.</p>",
    "UpdateServiceSettingsResponse$LinuxSubscriptionsDiscoverySettings": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations integration has been enabled, and which Regions data will be aggregated from.</p>"
  }
},
"ListLinuxSubscriptionInstancesRequest": {
  "base": "<p>NextToken length limit is half of ddb accepted limit. Increase this limit if parameters in request increases.</p>",
  "refs": {
  }
},
"ListLinuxSubscriptionInstancesRequestNextTokenString": {
  "base": null,
  "refs": {
    "ListLinuxSubscriptionInstancesRequest$NextToken": "<p>A token to specify where to start paginating. This is the nextToken from a previously truncated response.</p>"
  }
},
"ListLinuxSubscriptionInstancesResponse": {
  "base": null,

```

```

    "refs": {
    }
  },
  "ListLinuxSubscriptionsRequest": {
    "base": "<p>NextToken length limit is half of ddb accepted limit. Increase this limit if parameters in request
increases.</p>",
    "refs": {
    }
  },
  "ListLinuxSubscriptionsRequestNextTokenString":
  {
    "base": null,
    "refs": {
      "ListLinuxSubscriptionsRequest$NextToken": "<p>A token to specify where to start paginating. This is the
nextToken from a previously truncated response.</p>"
    }
  },
  "ListLinuxSubscriptionsResponse": {
    "base": null,
    "refs": {
    }
  },
  "ListRegisteredSubscriptionProvidersRequest": {
    "base": null,
    "refs": {
    }
  },
  "ListRegisteredSubscriptionProvidersRequestMaxResultsInteger": {
    "base": null,
    "refs": {
      "ListRegisteredSubscriptionProvidersRequest$MaxResults": "<p>The maximum items to return in a
request.</p>"
    }
  },
  "ListRegisteredSubscriptionProvidersResponse": {
    "base": null,
    "refs": {
    }
  },
  "ListTagsForResourceRequest": {
    "base": null,
    "refs": {
    }
  },
  "ListTagsForResourceResponse": {
    "base": null,
    "refs": {
    }
  }
}

```

```

},
"Operator": {
  "base": null,
  "refs": {
    {
      "Filter$Operator": "<p>An operator for filtering results.</p>"
    }
  },
  "OrganizationIntegration": {
    "base": null,
    "refs": {
      "LinuxSubscriptionsDiscoverySettings$OrganizationIntegration": "<p>Details if you have enabled resource
discovery across your accounts in Organizations.</p>"
    }
  },
  "ProductCodeList": {
    "base": null,
    "refs": {
      "Instance$ProductCode": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage operation values</a> in the <i>License Manager User Guide</i> .</p>"
    }
  },
  "RegisterSubscriptionProviderRequest": {
    "base": null,
    "refs": {
    }
  },
  "RegisterSubscriptionProviderResponse": {
    "base": null,
    "refs": {
    }
  },
  "RegisteredSubscriptionProvider": {
    "base": "<p>A third-party provider for operating system
(OS) platform software and license subscriptions, such as Red Hat. When you register a third-party Linux
subscription provider, License Manager can get subscription data from the registered provider.</p>",
    "refs": {
      "RegisteredSubscriptionProviderList$member": null
    }
  },
  "RegisteredSubscriptionProviderList": {
    "base": null,
    "refs": {
      "ListRegisteredSubscriptionProvidersResponse$RegisteredSubscriptionProviders": "<p>The list of BYOL
registration resources that fit the criteria you specified in the request.</p>"
    }
  },
},

```

```

"ResourceNotFoundException": {
  "base": "<p>Unable to find the requested Amazon Web Services resource.</p>",
  "refs": {
  }
},
"SecretArn": {
  "base": null,
  "refs": {
    "GetRegisteredSubscriptionProviderResponse$SecretArn": "<p>The Amazon Resource Name (ARN) of the
third-party access secret stored in Secrets Manager for the BYOL registration resource specified in the
request.</p>",
    "RegisterSubscriptionProviderRequest$SecretArn": "<p>The Amazon Resource Name (ARN) of the secret
where you've stored your subscription provider's access token. For RHEL subscriptions managed through the Red
Hat Subscription Manager (RHSM), the secret contains your Red Hat Offline token.</p>",
    "RegisteredSubscriptionProvider$SecretArn": "<p>The Amazon Resource Name (ARN) of the Secrets Manager
secret that stores your registered Linux subscription provider access token. For RHEL account subscriptions, this is
the offline token.</p>"
  }
},
"Status": {
  "base": null,
  "refs": {
    "GetServiceSettingsResponse$Status": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>",
    "UpdateServiceSettingsResponse$Status": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
  }
},
"String": {
  "base": null,
  "refs": {
    "Filter$Name": "<p>The type of name to filter by.</p>",
    "GetRegisteredSubscriptionProviderResponse$LastSuccessfulDataRetrievalTime": "<p>The timestamp from
the last time License Manager retrieved subscription details from your registered third-party Linux subscription
provider.</p>",
    "GetRegisteredSubscriptionProviderResponse$SubscriptionProviderStatusMessage": "<p>The detailed message
from your subscription provider token status.</p>",
    "Instance$AccountID": "<p>The account ID which owns the instance.</p>",
    "Instance$AmiId": "<p>The AMI ID used to launch the instance.</p>",
    "Instance$DualSubscription": "<p>Indicates that you have two different license subscriptions for the same
software on your instance.</p>",
    "Instance$InstanceID": "<p>The instance ID of the resource.</p>",
    "Instance$InstanceType": "<p>The instance type of the resource.</p>",
    "Instance$LastUpdatedTime": "<p>The time in which the last discovery updated the instance details.</p>",
    "Instance$OsVersion":
"<p>The operating system software version that runs on your instance.</p>",
    "Instance$Region": "<p>The Region the instance is running in.</p>",
    "Instance$RegisteredWithSubscriptionProvider": "<p>Indicates that your instance uses a BYOL license

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subscription from a third-party Linux subscription provider that you've registered with License Manager.</p>",
  "Instance$Status": "<p>The status of the instance.</p>",
  "Instance$SubscriptionName": "<p>The name of the license subscription that the instance uses.</p>",
  "Instance$SubscriptionProviderCreateTime": "<p>The timestamp when you registered the third-party Linux
subscription provider for the subscription that the instance uses.</p>",
  "Instance$SubscriptionProviderUpdateTime": "<p>The timestamp from the last time that the instance synced
with the registered third-party Linux subscription provider.</p>",
  "Instance$UsageOperation": "<p>The usage operation of the instance. For more information,
see For more information, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage operation values</a> in the <i>License Manager User
Guide</i>.</p>",
  "InternalServerException$message": null,
  "ListLinuxSubscriptionInstancesResponse$NextToken": "<p>The next token used for paginated responses.
When this field isn't empty, there are additional elements that the service hasn't included in this request. Use this
token with the next request to retrieve additional objects.</p>",
  "ListLinuxSubscriptionsResponse$NextToken": "<p>The next token used for paginated responses. When this
field isn't empty, there are additional elements that the service hasn't included in this request. Use this token with the
next request to retrieve additional objects.</p>",
  "ListRegisteredSubscriptionProvidersRequest$NextToken": "<p>A token to specify where to start paginating.
This is the nextToken from a
previously truncated response.</p>",
  "ListRegisteredSubscriptionProvidersResponse$NextToken": "<p>The next token used for paginated responses.
When this field isn't empty, there are additional elements that the service hasn't included in this request. Use this
token with the next request to retrieve additional objects.</p>",
  "ProductCodeList$member": null,
  "RegisterSubscriptionProviderResponse$SubscriptionProviderArn": "<p>The Amazon Resource Name (ARN)
of the Linux subscription provider resource that you registered.</p>",
  "RegisteredSubscriptionProvider$LastSuccessfulDataRetrievalTime": "<p>The timestamp from the last time
that License Manager accessed third-party subscription data for your account from your registered Linux
subscription provider.</p>",
  "RegisteredSubscriptionProvider$SubscriptionProviderStatusMessage": "<p>A detailed message that's
associated with your BYOL subscription provider token status.</p>",
  "ResourceNotFoundException$message":
null,
  "StringMap$key": null,
  "StringMap$value": null,
  "Subscription$Name": "<p>The name of the subscription.</p>",
  "Subscription$Type": "<p>The type of subscription. The type can be subscription-included with Amazon EC2,
Bring Your Own Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain
subscriptions may use licensing from the Amazon Web Services Marketplace as well as OS licensing from Amazon
EC2 or BYOS.</p>",
  "TagKeyList$member": null,
  "Tags$key": null,
  "Tags$value": null,
  "ThrottlingException$message": null,
  "ValidationException$message": null
}
},

```

```

"StringList": {
  "base": null,
  "refs": {
    "Filter$Values": "<p>One or more values for the name to filter by.</p>",
    "GetServiceSettingsResponse$HomeRegions": "<p>The Region in which License Manager displays the
aggregated data for Linux subscriptions.</p>",
    "LinuxSubscriptionsDiscoverySettings$SourceRegions":
"<p>The Regions in which to discover data for Linux subscriptions.</p>",
    "UpdateServiceSettingsResponse$HomeRegions": "<p>The Region in which License Manager displays the
aggregated data for Linux subscriptions.</p>"
  }
},
"StringListMemberString": {
  "base": null,
  "refs": {
    "StringList$member": null
  }
},
"StringMap": {
  "base": null,
  "refs": {
    "GetServiceSettingsResponse$StatusMessage": "<p>A message which details the Linux subscriptions service
settings current status.</p>",
    "UpdateServiceSettingsResponse$StatusMessage": "<p>A message which details the Linux subscriptions
service settings current status.</p>"
  }
},
"Subscription": {
  "base": "<p>An object which details a discovered Linux subscription.</p>",
  "refs": {
    "SubscriptionList$member": null
  }
},
"SubscriptionList": {
  "base": null,
  "refs": {
    "ListLinuxSubscriptionsResponse$Subscriptions":
"<p>An array that contains subscription objects.</p>"
  }
},
"SubscriptionProviderArn": {
  "base": null,
  "refs": {
    "DeregisterSubscriptionProviderRequest$SubscriptionProviderArn": "<p>The Amazon Resource Name (ARN)
of the subscription provider resource to deregister.</p>",
    "GetRegisteredSubscriptionProviderRequest$SubscriptionProviderArn": "<p>The Amazon Resource Name
(ARN) of the BYOL registration resource to get details for.</p>",
    "GetRegisteredSubscriptionProviderResponse$SubscriptionProviderArn": "<p>The Amazon Resource Name

```



(ARN) for the BYOL registration resource specified in the request.</p>",

"ListTagsForResourceRequest\$resourceArn": "<p>The Amazon Resource Name (ARN) of the resource for which to list metadata tags.</p>",

"RegisteredSubscriptionProvider\$SubscriptionProviderArn": "<p>The Amazon Resource Name (ARN) of the Linux subscription provider resource that you registered.</p>",

"TagResourceRequest\$resourceArn": "<p>The Amazon Resource Name (ARN) of the Amazon Web Services resource to which to add the specified metadata tags.</p>",

"UntagResourceRequest\$resourceArn": "<p>The Amazon Resource Name (ARN) of the Amazon Web Services resource to remove the metadata tags from.</p>"

```

}
},
"SubscriptionProviderSource": {
  "base": null,
  "refs": {
    "GetRegisteredSubscriptionProviderResponse$SubscriptionProviderSource": "<p>The subscription provider for the BYOL registration resource specified in the request.</p>",
    "RegisterSubscriptionProviderRequest$SubscriptionProviderSource": "<p>The supported Linux subscription provider to register.</p>",
    "RegisterSubscriptionProviderResponse$SubscriptionProviderSource": "<p>The Linux subscription provider that you registered.</p>",
    "RegisteredSubscriptionProvider$SubscriptionProviderSource": "<p>A supported third-party Linux subscription provider. License Manager currently supports Red Hat subscriptions.</p>",
    "SubscriptionProviderSourceList$member": null
  }
},
"SubscriptionProviderSourceList": {
  "base": null,
  "refs": {
    "ListRegisteredSubscriptionProvidersRequest$SubscriptionProviderSources": "<p>To filter your results, specify which subscription providers to return in the list.</p>"
  }
},
"SubscriptionProviderStatus": {
  "base": null,
  "refs": {
    "GetRegisteredSubscriptionProviderResponse$SubscriptionProviderStatus": "<p>The status of the Linux subscription provider access token from the last successful subscription data request.</p>",
    "RegisterSubscriptionProviderResponse$SubscriptionProviderStatus": "<p>Indicates the status of the registration action for the Linux subscription provider that you requested.</p>",
    "RegisteredSubscriptionProvider$SubscriptionProviderStatus": "<p>Indicates the status of your registered Linux subscription provider access token from the last time License Manager retrieved subscription data. For RHEL account subscriptions, this is the status of the offline token.</p>"
  }
},
"TagKeyList": {
  "base": null,

```

```

    "refs": {
      "UntagResourceRequest$tagKeys": "<p>A list of metadata tag keys to remove from the requested
resource.</p>"
    }
  },
  "TagResourceRequest": {
    "base": null,
    "refs": {
    }
  },
  "TagResourceResponse": {
    "base": null,
    "refs": {
    }
  },
  "Tags": {
    "base": null,
    "refs": {
      "ListTagsForResourceResponse$tags": "<p>The metadata tags for the requested resource.</p>",
      "RegisterSubscriptionProviderRequest$Tags": "<p>The metadata tags to assign to your registered Linux
subscription provider resource.</p>",
      "TagResourceRequest$tags": "<p>The metadata tags to assign to the Amazon Web Services resource. Tags are
formatted as key value pairs.</p>"
    }
  },
  "ThrottlingException": {
    "base": "<p>The request was denied due to request throttling.</p>",
    "refs": {
    }
  },
  "UntagResourceRequest": {
    "base": null,
    "refs": {
    }
  },
  "UntagResourceResponse": {
    "base": null,
    "refs": {
    }
  },
  "UpdateServiceSettingsRequest": {
    "base": null,
    "refs": {
    }
  },
  "UpdateServiceSettingsResponse": {
    "base": null,
    "refs": {

```

```
}
},
"ValidationException": {
  "base": "<p>The provided input is not valid. Try your request again.</p>",
  "refs": {
  }
}
}
```

AWS SDK for Go

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```
{
  "testCases": [
    {
      "documentation": "For region ap-south-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.ap-south-1.api.aws"
        }
      },
      "params": {
        "UseFIPS": true,
        "Region": "ap-south-1",
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region ap-south-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.ap-south-1.amazonaws.com"
        }
      },
      "params": {
        "UseFIPS": true,
        "Region": "ap-south-1",
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region ap-south-1 with FIPS disabled
and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.ap-south-1.api.aws"
        }
      },
    }
  ]
}
```

```

"params": {
  "UseFIPS": false,
  "Region": "ap-south-1",
  "UseDualStack": true
}
},
{
  "documentation": "For region ap-south-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions.ap-south-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "Region": "ap-south-1",
    "UseDualStack": false
  }
},
{
  "documentation": "For region eu-south-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions-fips.eu-south-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": true,
    "Region": "eu-south-1",
    "UseDualStack": true
  }
},
{
  "documentation": "For region eu-south-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions-fips.eu-south-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "Region": "eu-south-1",
    "UseDualStack": false
  }
},
{
  "documentation": "For region eu-south-1 with FIPS disabled and DualStack enabled",
  "expect": {

```

```

    "endpoint": {
      "url": "https://license-manager-user-subscriptions.eu-south-1.api.aws"
    }
  },

  "params": {
    "UseFIPS": false,
    "Region": "eu-south-1",
    "UseDualStack": true
  }
},
{
  "documentation": "For region eu-south-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions.eu-south-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "Region": "eu-south-1",
    "UseDualStack": false
  }
},
{
  "documentation": "For region ca-central-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions-fips.ca-central-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": true,
    "Region": "ca-central-1",

    "UseDualStack": true
  }
},
{
  "documentation": "For region ca-central-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions-fips.ca-central-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "Region": "ca-central-1",

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    "UseDualStack": false
  }
},
{
  "documentation": "For region ca-central-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions.ca-central-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": false,
    "Region": "ca-central-1",
    "UseDualStack": true
  }
},
{
  "documentation":
"For region ca-central-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-user-subscriptions.ca-central-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "Region": "ca-central-1",
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    "UseDualStack": true
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    "UseDualStack": false
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  "UseDualStack": true
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    "signatureVersion": "v4",
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      "output": { "shape": "AcceptGrantResponse" },
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    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ]
},

```

```

"ListTokens":{
  "name":"ListTokens",
  "http":{
    "method":"POST",

"requestUri":"/"
  },
  "input":{"shape":"ListTokensRequest"},
  "output":{"shape":"ListTokensResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"}
  ]
},
"ListUsageForLicenseConfiguration":{
  "name":"ListUsageForLicenseConfiguration",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListUsageForLicenseConfigurationRequest"},
  "output":{"shape":"ListUsageForLicenseConfigurationResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"FilterLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ]
},
"RejectGrant":{
  "name":"RejectGrant",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"RejectGrantRequest"},
  "output":{"shape":"RejectGrantResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},

```

```

    {"shape":"ResourceLimitExceededException"},
    {"shape":"ServerInternalException"}
  ]
},
"TagResource":{
  "name":"TagResource",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"TagResourceRequest"},
  "output":{"shape":"TagResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ]
},
"UntagResource":{
  "name":"UntagResource",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UntagResourceRequest"},
  "output":{"shape":"UntagResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ]
},
"UpdateLicenseConfiguration":{
  "name":"UpdateLicenseConfiguration",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UpdateLicenseConfigurationRequest"},
  "output":{"shape":"UpdateLicenseConfigurationResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},

```

```

    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ResourceLimitExceededException"}
  ]
},
"UpdateLicenseManagerReportGenerator":{
  "name":"UpdateLicenseManagerReportGenerator",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UpdateLicenseManagerReportGeneratorRequest"},
  "output":{"shape":"UpdateLicenseManagerReportGeneratorResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"ResourceLimitExceededException"}
  ]
},
"UpdateLicenseSpecificationsForResource":{
  "name":"UpdateLicenseSpecificationsForResource",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UpdateLicenseSpecificationsForResourceRequest"},
  "output":{"shape":"UpdateLicenseSpecificationsForResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"InvalidResourceStateException"},
    {"shape":"LicenseUsageException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ]
},
"UpdateServiceSettings":{
  "name":"UpdateServiceSettings",
  "http":{
    "method":"POST",
    "requestUri":"/"
  }
}

```

```

    },
    "input":{"shape":"UpdateServiceSettingsRequest"},
    "output":{"shape":"UpdateServiceSettingsResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ]
  }
},
"shapes":{
  "AcceptGrantRequest":{
    "type":"structure",
    "required":["GrantArn"],
    "members":{
      "GrantArn":{"shape":"Arn"}
    }
  },
  "AcceptGrantResponse":{
    "type":"structure",
    "members":{
      "GrantArn":{"shape":"Arn"},
      "Status":{"shape":"GrantStatus"},
      "Version":{"shape":"String"}
    }
  },
  "AccessDeniedException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "exception":true
  },
  "ActivationOverrideBehavior":{
    "type":"string",
    "enum":[
      "DISTRIBUTED_GRANTS_ONLY",
      "ALL_GRANTS_PERMITTED_BY_ISSUER"
    ]
  },
  "AllowedOperation":{
    "type":"string",
    "enum":[
      "CreateGrant",
      "CheckoutLicense",
      "CheckoutBorrowLicense",

```

```

    "CheckInLicense",
    "ExtendConsumptionLicense",
    "ListPurchasedLicenses",
    "CreateToken"
  ]
},
"AllowedOperationList":{
  "type":"list",
  "member":{"shape":"AllowedOperation"},
  "max":7,
  "min":1
},
"Arn":{
  "type":"string",
  "max":2048,
  "pattern":"^arn:aws(-(cn|us-gov|iso-b|iso-c|iso-d))?:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-
Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9_/_+=,@.-]{0,1023}$"
},
"ArnList":{
  "type":"list",
  "member":{"shape":"Arn"}
},
"AuthorizationException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"AutomatedDiscoveryInformation":{
  "type":"structure",
  "members":{
    "LastRunTime":{"shape":"DateTime"}
  }
},
"Boolean":{"type":"boolean"},
"BorrowConfiguration":{
  "type":"structure",
  "required":[
    "AllowEarlyCheckIn",
    "MaxTimeToLiveInMinutes"
  ],
  "members":{
    "AllowEarlyCheckIn":{"shape":"BoxBoolean"},
    "MaxTimeToLiveInMinutes":{"shape":"BoxInteger"}
  }
},
"BoxBoolean":{"type":"boolean"},

```

```

"BoxInteger":{"type":"integer"},
"BoxLong":{"type":"long"},
"CheckInLicenseRequest":{"
  "type":"structure",
  "required":["LicenseConsumptionToken"],
  "members":{"
    "LicenseConsumptionToken":{"shape":"String"},
    "Beneficiary":{"shape":"String"}
  }
},
"CheckInLicenseResponse":{"
  "type":"structure",
  "members":{"
  }
},
"CheckoutBorrowLicenseRequest":{"
  "type":"structure",
  "required":[
    "LicenseArn",
    "Entitlements",
    "DigitalSignatureMethod",
    "ClientToken"
  ],
  "members":{"
    "LicenseArn":{"shape":"Arn"},
    "Entitlements":{"shape":"EntitlementDataList"},
    "DigitalSignatureMethod":{"shape":"DigitalSignatureMethod"},
    "NodeId":{"shape":"String"},
    "CheckoutMetadata":{"shape":"MetadataList"},
    "ClientToken":{"shape":"ClientToken"}
  }
},
"CheckoutBorrowLicenseResponse":{"
  "type":"structure",
  "members":{"
    "LicenseArn":{"shape":"Arn"},
    "LicenseConsumptionToken":{"shape":"String"},
    "EntitlementsAllowed":{"shape":"EntitlementDataList"},
    "NodeId":{"shape":"String"},
    "SignedToken":{"shape":"SignedToken"},
    "IssuedAt":{"shape":"ISO8601DateTime"},
    "Expiration":{"shape":"ISO8601DateTime"},
    "CheckoutMetadata":{"shape":"MetadataList"}
  }
},
"CheckoutLicenseRequest":{"
  "type":"structure",

```



```

"required":[
  "ProductSKU",
  "CheckoutType",
  "KeyFingerprint",
  "Entitlements",
  "ClientToken"
],
"members":{
  "ProductSKU":{"shape":"String"},
  "CheckoutType":{"shape":"CheckoutType"},
  "KeyFingerprint":{"shape":"String"},
  "Entitlements":{"shape":"EntitlementDataList"},
  "ClientToken":{"shape":"ClientToken"},
  "Beneficiary":{"shape":"String"},
  "NodeId":{"shape":"String"}
}
},
"CheckoutLicenseResponse":{
  "type":"structure",
  "members":{
    "CheckoutType":{"shape":"CheckoutType"},
    "LicenseConsumptionToken":{"shape":"String"},
    "EntitlementsAllowed":{"shape":"EntitlementDataList"},
    "SignedToken":{"shape":"SignedToken"},
    "NodeId":{"shape":"String"},
    "IssuedAt":{"shape":"ISO8601DateTime"},
    "Expiration":{"shape":"ISO8601DateTime"},
    "LicenseArn":{"shape":"String"}
  }
},
"CheckoutType":{
  "type":"string",
  "enum":[
    "PROVISIONAL",
    "PERPETUAL"
  ]
},
"ClientRequestToken":{
  "type":"string",
  "max":36,
  "min":1
},
"ClientToken":{
  "type":"string",
  "max":2048,
  "pattern":"\\S+"
},
"ConflictException":{

```

```

"type":"structure",
"members":{
  "Message":{"shape":"Message"}
},
"exception":true
},
"ConsumedLicenseSummary":{
"type":"structure",
"members":{
  "ResourceType":{"shape":"ResourceType"},
  "ConsumedLicenses":{"shape":"BoxLong"}
}
},
"ConsumedLicenseSummaryList":{
"type":"list",
"member":{"shape":"ConsumedLicenseSummary"}
},
"ConsumptionConfiguration":{
"type":"structure",
"members":{
  "RenewType":{"shape":"RenewType"},
  "ProvisionalConfiguration":{"shape":"ProvisionalConfiguration"},
  "BorrowConfiguration":{"shape":"BorrowConfiguration"}
}
},
"CreateGrantRequest":{
"type":"structure",
"required":[
  "ClientToken",
  "GrantName",
  "LicenseArn",
  "Principals",
  "HomeRegion",
  "AllowedOperations"
],
"members":{
  "ClientToken":{"shape":"ClientToken"},
  "GrantName":{"shape":"String"},
  "LicenseArn":{"shape":"Arn"},
  "Principals":{"shape":"PrincipalArnList"},
  "HomeRegion":{"shape":"String"},
  "AllowedOperations":{"shape":"AllowedOperationList"}
}
},
"CreateGrantResponse":{
"type":"structure",
"members":{
  "GrantArn":{"shape":"Arn"},

```

```

    "Status":{"shape":"GrantStatus"},
    "Version":{"shape":"String"}
  }
},
"CreateGrantVersionRequest":{"
  "type":"structure",
  "required":[
    "ClientToken",
    "GrantArn"
  ],
  "members":{"
    "ClientToken":{"shape":"ClientToken"},
    "GrantArn":{"shape":"Arn"},
    "GrantName":{"shape":"String"},
    "AllowedOperations":{"shape":"AllowedOperationList"},
    "Status":{"shape":"GrantStatus"},
    "StatusReason":{"shape":"StatusReasonMessage"},
    "SourceVersion":{"shape":"String"},
    "Options":{"shape":"Options"}
  }
},
"CreateGrantVersionResponse":{"
  "type":"structure",
  "members":{"
    "GrantArn":{"shape":"Arn"},
    "Status":{"shape":"GrantStatus"},
    "Version":{"shape":"String"}
  }
},
"CreateLicenseConfigurationRequest":{"
  "type":"structure",
  "required":[
    "Name",
    "LicenseCountingType"
  ],
  "members":{"
    "Name":{"shape":"String"},
    "Description":{"shape":"String"},
    "LicenseCountingType":{"shape":"LicenseCountingType"},
    "LicenseCount":{"shape":"BoxLong"},
    "LicenseCountHardLimit":{"shape":"BoxBoolean"},
    "LicenseRules":{"shape":"StringList"},
    "Tags":{"shape":"TagList"},
    "DisassociateWhenNotFound":{"shape":"BoxBoolean"},
    "ProductInformationList":{"shape":"ProductInformationList"}
  }
},
"CreateLicenseConfigurationResponse":{"

```

```

"type":"structure",
"members":{
  "LicenseConfigurationArn":{"shape":"String"}
}
},
"CreateLicenseConversionTaskForResourceRequest":{
"type":"structure",
"required":[
  "ResourceArn",
  "SourceLicenseContext",
  "DestinationLicenseContext"
],
"members":{
  "ResourceArn":{"shape":"Arn"},
  "SourceLicenseContext":{"shape":"LicenseConversionContext"},
  "DestinationLicenseContext":{"shape":"LicenseConversionContext"}
}
},
"CreateLicenseConversionTaskForResourceResponse":{
"type":"structure",
"members":{
  "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"}
}
},
"CreateLicenseManagerReportGeneratorRequest":{
"type":"structure",
"required":[
  "ReportGeneratorName",
  "Type",
  "ReportContext",
  "ReportFrequency",
  "ClientToken"
],
"members":{
  "ReportGeneratorName":{"shape":"ReportGeneratorName"},
  "Type":{"shape":"ReportTypeList"},
  "ReportContext":{"shape":"ReportContext"},
  "ReportFrequency":{"shape":"ReportFrequency"},
  "ClientToken":{"shape":"ClientRequestToken"},
  "Description":{"shape":"String"},
  "Tags":{"shape":"TagList"}
}
},
"CreateLicenseManagerReportGeneratorResponse":{
"type":"structure",
"members":{
  "LicenseManagerReportGeneratorArn":{"shape":"String"}
}
}

```

```

},
"CreateLicenseRequest":{
  "type":"structure",
  "required":[
    "LicenseName",
    "ProductName",
    "ProductSKU",
    "Issuer",
    "HomeRegion",
    "Validity",
    "Entitlements",
    "Beneficiary",
    "ConsumptionConfiguration",
    "ClientToken"
  ],
  "members":{
    "LicenseName":{"shape":"String"},
    "ProductName":{"shape":"String"},
    "ProductSKU":{"shape":"String"},
    "Issuer":{"shape":"Issuer"},
    "HomeRegion":{"shape":"String"},
    "Validity":{"shape":"DatetimeRange"},
    "Entitlements":{"shape":"EntitlementList"},
    "Beneficiary":{"shape":"String"},
    "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},
    "LicenseMetadata":{"shape":"MetadataList"},
    "ClientToken":{"shape":"ClientToken"}
  }
},
"CreateLicenseResponse":{
  "type":"structure",
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "Status":{"shape":"LicenseStatus"},
    "Version":{"shape":"String"}
  }
},
"CreateLicenseVersionRequest":{
  "type":"structure",
  "required":[
    "LicenseArn",
    "LicenseName",
    "ProductName",
    "Issuer",
    "HomeRegion",
    "Validity",
    "Entitlements",

```

```

    "ConsumptionConfiguration",
    "Status",
    "ClientToken"
  ],
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "LicenseName":{"shape":"String"},
    "ProductName":{"shape":"String"},
    "Issuer":{"shape":"Issuer"},
    "HomeRegion":{"shape":"String"},
    "Validity":{"shape":"DatetimeRange"},
    "LicenseMetadata":{"shape":"MetadataList"},
    "Entitlements":{"shape":"EntitlementList"},
    "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},
    "Status":{"shape":"LicenseStatus"},
    "ClientToken":{"shape":"ClientToken"},
    "SourceVersion":{"shape":"String"}
  }
},
"CreateLicenseVersionResponse":{
  "type":"structure",
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "Version":{"shape":"String"},
    "Status":{"shape":"LicenseStatus"}
  }
},
"CreateTokenRequest":{
  "type":"structure",
  "required":[
    "LicenseArn",
    "ClientToken"
  ],
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "RoleArns":{"shape":"ArnList"},
    "ExpirationInDays":{"shape":"Integer"},
    "TokenProperties":{"shape":"MaxSize3StringList"},
    "ClientToken":{"shape":"ClientToken"}
  }
},
"CreateTokenResponse":{
  "type":"structure",
  "members":{
    "TokenId":{"shape":"String"},
    "TokenType":{"shape":"TokenType"},
    "Token":{"shape":"TokenString"}
  }
}

```

```

},
"DateTime":{"type":"timestamp"},
"DatetimeRange":{"
  "type":"structure",
  "required":["Begin"],
  "members":{"
    "Begin":{"shape":"ISO8601DateTime"},
    "End":{"shape":"ISO8601DateTime"}
  }
},
"DeleteGrantRequest":{"
  "type":"structure",
  "required":[
    "GrantArn",
    "Version"
  ],
  "members":{"
    "GrantArn":{"shape":"Arn"},
    "StatusReason":{"shape":"StatusReasonMessage"},
    "Version":{"shape":"String"}
  }
},
"DeleteGrantResponse":{"
  "type":"structure",
  "members":{"
    "GrantArn":{"shape":"Arn"},
    "Status":{"shape":"GrantStatus"},
    "Version":{"shape":"String"}
  }
},
"DeleteLicenseConfigurationRequest":{"
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{"
    "LicenseConfigurationArn":{"shape":"String"}
  }
},
"DeleteLicenseConfigurationResponse":{"
  "type":"structure",
  "members":{"
  }
},
"DeleteLicenseManagerReportGeneratorRequest":{"
  "type":"structure",
  "required":["LicenseManagerReportGeneratorArn"],
  "members":{"
    "LicenseManagerReportGeneratorArn":{"shape":"String"}
  }
}

```

```

    }
  },
  "DeleteLicenseManagerReportGeneratorResponse":{
    "type":"structure",
    "members":{
    }
  },
  "DeleteLicenseRequest":{
    "type":"structure",
    "required":[
      "LicenseArn",
      "SourceVersion"
    ],
    "members":{
      "LicenseArn":{"shape":"Arn"},
      "SourceVersion":{"shape":"String"}
    }
  },
  "DeleteLicenseResponse":{
    "type":"structure",
    "members":{
      "Status":{"shape":"LicenseDeletionStatus"},
      "DeletionDate":{"shape":"ISO8601DateTime"}
    }
  },
  "DeleteTokenRequest":{
    "type":"structure",
    "required":["TokenId"],
    "members":{
      "TokenId":{"shape":"String"}
    }
  },
  "DeleteTokenResponse":{
    "type":"structure",
    "members":{
    }
  },
  "DigitalSignatureMethod":{
    "type":"string",
    "enum":["JWT_PS384"]
  },
  "Entitlement":{
    "type":"structure",
    "required":[
      "Name",
      "Unit"
    ],
  },

```



```

"members":{
  "Name":{"shape":"String"},
  "Value":{"shape":"String"},
  "MaxCount":{"shape":"Long"},
  "Overage":{"shape":"BoxBoolean"},
  "Unit":{"shape":"EntitlementUnit"},
  "AllowCheckIn":{"shape":"BoxBoolean"}
}
},
"EntitlementData":{
  "type":"structure",
  "required":[
    "Name",
    "Unit"
  ],
  "members":{
    "Name":{"shape":"String"},
    "Value":{"shape":"String"},
    "Unit":{"shape":"EntitlementDataUnit"}
  }
},
"EntitlementDataList":{
  "type":"list",
  "member":{"shape":"EntitlementData"}
},
"EntitlementDataUnit":{
  "type":"string",
  "enum":[
    "Count",
    "None",
    "Seconds",
    "Microseconds",
    "Milliseconds",
    "Bytes",
    "Kilobytes",

    "Megabytes",
    "Gigabytes",
    "Terabytes",
    "Bits",
    "Kilobits",
    "Megabits",
    "Gigabits",
    "Terabits",
    "Percent",
    "Bytes/Second",
    "Kilobytes/Second",
    "Megabytes/Second",

```

```

"Gigabytes/Second",
"Terabytes/Second",
"Bits/Second",
"Kilobits/Second",
"Megabits/Second",
"Gigabits/Second",
"Terabits/Second",
"Count/Second"
]
},
"EntitlementList":{
"type":"list",
"member":{"shape":"Entitlement"}
},
"EntitlementNotAllowedException":{
"type":"structure",
"members":{
"Message":{"shape":"Message"}
},
"exception":true
},
"EntitlementUnit":{
"type":"string",
"enum":[
"Count",
"None",
"Seconds",
"Microseconds",
"Milliseconds",
"Bytes",
"Kilobytes",
"Megabytes",
"Gigabytes",
"Terabytes",

"Bits",
"Kilobits",
"Megabits",
"Gigabits",
"Terabits",
"Percent",
"Bytes/Second",
"Kilobytes/Second",
"Megabytes/Second",
"Gigabytes/Second",
"Terabytes/Second",
"Bits/Second",
"Kilobits/Second",

```

```

    "Megabits/Second",
    "Gigabits/Second",
    "Terabits/Second",
    "Count/Second"
  ]
},
"EntitlementUsage":{
  "type":"structure",
  "required":[
    "Name",
    "ConsumedValue",
    "Unit"
  ],
  "members":{
    "Name":{"shape":"String"},
    "ConsumedValue":{"shape":"String"},
    "MaxCount":{"shape":"String"},
    "Unit":{"shape":"EntitlementDataUnit"}
  }
},
"EntitlementUsageList":{
  "type":"list",
  "member":{"shape":"EntitlementUsage"}
},
"ExtendLicenseConsumptionRequest":{
  "type":"structure",
  "required":["LicenseConsumptionToken"],
  "members":{
    "LicenseConsumptionToken":{"shape":"String"},
    "DryRun":{"shape":"Boolean"}
  }
},
"ExtendLicenseConsumptionResponse":{
  "type":"structure",
  "members":{
    "LicenseConsumptionToken":{"shape":"String"},
    "Expiration":{"shape":"ISO8601DateTime"}
  }
},
"FailedDependencyException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"},
    "ErrorCode":{"shape":"String"}
  },
  "exception":true
},
"Filter":{

```

```

"type":"structure",
"members":{
  "Name":{"shape":"FilterName"},
  "Values":{"shape":"FilterValues"}
}
},
"FilterLimitExceededException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"FilterList":{
  "type":"list",
  "member":{"shape":"Filter"}
},
"FilterName":{"type":"string"},
"FilterValue":{"type":"string"},
"FilterValues":{
  "type":"list",
  "member":{"shape":"FilterValue"}
},
"Filters":{
  "type":"list",
  "member":{"shape":"Filter"}
},
"GetAccessTokenRequest":{
  "type":"structure",
  "required":["Token"],
  "members":{
    "Token":{"shape":"TokenString"},
    "TokenProperties":{"shape":"MaxSize3StringList"}
  }
},
"GetAccessTokenResponse":{
  "type":"structure",
  "members":{
    "AccessToken":{"shape":"TokenString"}
  }
},
"GetGrantRequest":{
  "type":"structure",
  "required":["GrantArn"],
  "members":{
    "GrantArn":{"shape":"Arn"},
    "Version":{"shape":"String"}
  }
}

```

```

},
"GetGrantResponse":{
  "type":"structure",
  "members":{
    "Grant":{"shape":"Grant"}
  }
},
"GetLicenseConfigurationRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{"shape":"String"}
  }
},
"GetLicenseConfigurationResponse":{
  "type":"structure",
  "members":{
    "LicenseConfigurationId":{"shape":"String"},
    "LicenseConfigurationArn":{"shape":"String"},
    "Name":{"shape":"String"},
    "Description":{"shape":"String"},
    "LicenseCountingType":{"shape":"LicenseCountingType"},
    "LicenseRules":{"shape":"StringList"},
    "LicenseCount":{"shape":"BoxLong"},
    "LicenseCountHardLimit":{"shape":"BoxBoolean"},
    "ConsumedLicenses":{"shape":"BoxLong"},
    "Status":{"shape":"String"},
    "OwnerAccountId":{"shape":"String"},
    "ConsumedLicenseSummaryList":{"shape":"ConsumedLicenseSummaryList"},
    "ManagedResourceSummaryList":{"shape":"ManagedResourceSummaryList"},
    "Tags":{"shape":"TagList"},
    "ProductInformationList":{"shape":"ProductInformationList"},
    "AutomatedDiscoveryInformation":{"shape":"AutomatedDiscoveryInformation"},
    "DisassociateWhenNotFound":{"shape":"BoxBoolean"}
  }
},
"GetLicenseConversionTaskRequest":{
  "type":"structure",
  "required":["LicenseConversionTaskId"],
  "members":{
    "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"}
  }
},
"GetLicenseConversionTaskResponse":{
  "type":"structure",
  "members":{
    "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"},
    "ResourceArn":{"shape":"String"},

```

```

"SourceLicenseContext":{"shape":"LicenseConversionContext"},
"DestinationLicenseContext":{"shape":"LicenseConversionContext"},
"StatusMessage":{"shape":"String"},
"Status":{"shape":"LicenseConversionTaskStatus"},
"StartTime":{"shape":"DateTime"},
"LicenseConversionTime":{"shape":"DateTime"},
"EndTime":{"shape":"DateTime"}
}
},
"GetLicenseManagerReportGeneratorRequest":{"
"type":"structure",
"required":["LicenseManagerReportGeneratorArn"],
"members":{"
"LicenseManagerReportGeneratorArn":{"shape":"String"}
}
},
"GetLicenseManagerReportGeneratorResponse":{"
"type":"structure",
"members":{"
"ReportGenerator":{"shape":"ReportGenerator"}
}
},
"GetLicenseRequest":{"
"type":"structure",
"required":["LicenseArn"],
"members":{"
"LicenseArn":{"shape":"Arn"},
"Version":{"shape":"String"}
}
},
"GetLicenseResponse":{"
"type":"structure",
"members":{"
"License":{"shape":"License"}
}
},
"GetLicenseUsageRequest":{"
"type":"structure",
"required":["LicenseArn"],
"members":{"
"LicenseArn":{"shape":"Arn"}
}
},
"GetLicenseUsageResponse":{"
"type":"structure",
"members":{"
"LicenseUsage":{"shape":"LicenseUsage"}
}
}

```

```

},
"GetServiceSettingsRequest":{
  "type":"structure",
  "members":{
  }
},
"GetServiceSettingsResponse":{
  "type":"structure",
  "members":{
    "S3BucketArn":{"shape":"String"},
    "SnsTopicArn":{"shape":"String"},
    "OrganizationConfiguration":{"shape":"OrganizationConfiguration"},
    "EnableCrossAccountsDiscovery":{"shape":"BoxBoolean"},
    "LicenseManagerResourceShareArn":{"shape":"String"}
  }
},
"Grant":{
  "type":"structure",
  "required":[
    "GrantArn",
    "GrantName",
    "ParentArn",
    "LicenseArn",
    "GranteePrincipalArn",
    "HomeRegion",
    "GrantStatus",
    "Version",
    "GrantedOperations"
  ],
  "members":{
    "GrantArn":{"shape":"Arn"},
    "GrantName":{"shape":"String"},
    "ParentArn":{"shape":"Arn"},
    "LicenseArn":{"shape":"Arn"},
    "GranteePrincipalArn":{"shape":"Arn"},
    "HomeRegion":{"shape":"String"},
    "GrantStatus":{"shape":"GrantStatus"},
    "StatusReason":{"shape":"StatusReasonMessage"},
    "Version":{"shape":"String"},
    "GrantedOperations":{"shape":"AllowedOperationList"},
    "Options":{"shape":"Options"}
  }
},
"GrantList":{
  "type":"list",
  "member":{"shape":"Grant"}
},
"GrantStatus":{

```

```

"type":"string",
"enum":[
  "PENDING_WORKFLOW",
  "PENDING_ACCEPT",
  "REJECTED",
  "ACTIVE",
  "FAILED_WORKFLOW",
  "DELETED",
  "PENDING_DELETE",
  "DISABLED",
  "WORKFLOW_COMPLETED"
]
},
"GrantedLicense":{
  "type":"structure",
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "LicenseName":{"shape":"String"},
    "ProductName":{"shape":"String"},
    "ProductSKU":{"shape":"String"},
    "Issuer":{"shape":"IssuerDetails"},
    "HomeRegion":{"shape":"String"},
    "Status":{"shape":"LicenseStatus"},
    "Validity":{"shape":"DatetimeRange"},
    "Beneficiary":{"shape":"String"},
    "Entitlements":{"shape":"EntitlementList"},
    "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},

"LicenseMetadata":{"shape":"MetadataList"},
  "CreateTime":{"shape":"ISO8601DateTime"},
  "Version":{"shape":"String"},
  "ReceivedMetadata":{"shape":"ReceivedMetadata"}
  }
},
"GrantedLicenseList":{
  "type":"list",
  "member":{"shape":"GrantedLicense"}
},
"ISO8601DateTime":{
  "type":"string",
  "max":50,
  "pattern":"^(-?(?:[1-9][0-9]*)?[0-9]{4})-(1[0-2]|0[1-9])-(3[0-1]|0[1-9]|[1-2][0-9])T(2[0-3]|[0-1][0-9]):([0-5][0-9]):([0-5][0-9])(\\.([0-9]+)?(Z|[+-](?:2[ 0-3]|[0-1][0-9]):[0-5][0-9])+$"
  },
  "Integer":{"type":"integer"},
  "InvalidParameterValueException":{
    "type":"structure",
    "members":{

```



```

    "Message":{"shape":"Message"}
  },
  "exception":true,
  "synthetic":true
},
"InvalidResourceStateException":{"
  "type":"structure",
  "members":{"
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"InventoryFilter":{"
  "type":"structure",
  "required":[
    "Name",
    "Condition"
  ],
  "members":{"
    "Name":{"shape":"String"},
    "Condition":{"shape":"InventoryFilterCondition"},
    "Value":{"shape":"String"}
  }
},
"InventoryFilterCondition":{"
  "type":"string",
  "enum":[
    "EQUALS",
    "NOT_EQUALS",
    "BEGINS_WITH",
    "CONTAINS"
  ]
},
"InventoryFilterList":{"
  "type":"list",
  "member":{"shape":"InventoryFilter"}
},
"Issuer":{"
  "type":"structure",
  "required":["Name"],
  "members":{"
    "Name":{"shape":"String"},
    "SignKey":{"shape":"String"}
  }
},
"IssuerDetails":{"
  "type":"structure",
  "members":{"

```

```

    "Name":{"shape":"String"},
    "SignKey":{"shape":"String"},
    "KeyFingerprint":{"shape":"String"}
  }
},
"License":{
  "type":"structure",
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "LicenseName":{"shape":"String"},

"ProductName":{"shape":"String"},
    "ProductSKU":{"shape":"String"},
    "Issuer":{"shape":"IssuerDetails"},
    "HomeRegion":{"shape":"String"},
    "Status":{"shape":"LicenseStatus"},
    "Validity":{"shape":"DatetimeRange"},
    "Beneficiary":{"shape":"String"},
    "Entitlements":{"shape":"EntitlementList"},
    "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},
    "LicenseMetadata":{"shape":"MetadataList"},
    "CreateTime":{"shape":"ISO8601DateTime"},
    "Version":{"shape":"String"}
  }
},
"LicenseConfiguration":{
  "type":"structure",
  "members":{
    "LicenseConfigurationId":{"shape":"String"},
    "LicenseConfigurationArn":{"shape":"String"},
    "Name":{"shape":"String"},
    "Description":{"shape":"String"},
    "LicenseCountingType":{"shape":"LicenseCountingType"},
    "LicenseRules":{"shape":"StringList"},
    "LicenseCount":{"shape":"BoxLong"},
    "LicenseCountHardLimit":{"shape":"BoxBoolean"},
    "DisassociateWhenNotFound":{"shape":"BoxBoolean"},
    "ConsumedLicenses":{"shape":"BoxLong"},
    "Status":{"shape":"String"},
    "OwnerAccountId":{"shape":"String"},
    "ConsumedLicenseSummaryList":{"shape":"ConsumedLicenseSummaryList"},
    "ManagedResourceSummaryList":{"shape":"ManagedResourceSummaryList"},
    "ProductInformationList":{"shape":"ProductInformationList"},
    "AutomatedDiscoveryInformation":{"shape":"AutomatedDiscoveryInformation"}
  }
},
"LicenseConfigurationAssociation":{
  "type":"structure",

```

```

"members":{
  "ResourceArn":{"shape":"String"},
  "ResourceType":{"shape":"ResourceType"},
  "ResourceOwnerId":{"shape":"String"},
  "AssociationTime":{"shape":"DateTime"},
  "AmiAssociationScope":{"shape":"String"}
}
},
"LicenseConfigurationAssociations":{
  "type":"list",
  "member":{"shape":"LicenseConfigurationAssociation"}
},
"LicenseConfigurationStatus":{
  "type":"string",
  "enum":[
    "AVAILABLE",
    "DISABLED"
  ]
},
"LicenseConfigurationUsage":{
  "type":"structure",
  "members":{
    "ResourceArn":{"shape":"String"},
    "ResourceType":{"shape":"ResourceType"},
    "ResourceStatus":{"shape":"String"},
    "ResourceOwnerId":{"shape":"String"},
    "AssociationTime":{"shape":"DateTime"},
    "ConsumedLicenses":{"shape":"BoxLong"}
  }
},
"LicenseConfigurationUsageList":{
  "type":"list",
  "member":{"shape":"LicenseConfigurationUsage"}
},
"LicenseConfigurations":{
  "type":"list",
  "member":{"shape":"LicenseConfiguration"}
},
"LicenseConversionContext":{
  "type":"structure",
  "members":{
    "UsageOperation":{"shape":"UsageOperation"}
  }
},
"LicenseConversionTask":{
  "type":"structure",
  "members":{
    "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"},

```

```

    "ResourceArn":{"shape":"String"},
    "SourceLicenseContext":{"shape":"LicenseConversionContext"},
    "DestinationLicenseContext":{"shape":"LicenseConversionContext"},
    "Status":{"shape":"LicenseConversionTaskStatus"},
    "StatusMessage":{"shape":"String"},
    "StartTime":{"shape":"DateTime"},
    "LicenseConversionTime":{"shape":"DateTime"},
    "EndTime":{"shape":"DateTime"}
  }
},
"LicenseConversionTaskId":{"
  "type":"string",
  "max":50,
  "pattern":"^lct-[a-zA-Z0-9]*"
},
"LicenseConversionTaskStatus":{"
  "type":"string",
  "enum":[
    "IN_PROGRESS",
    "SUCCEEDED",
    "FAILED"
  ]
},
"LicenseConversionTasks":{"
  "type":"list",
  "member":{"shape":"LicenseConversionTask"}
},
"LicenseCountingType":{"
  "type":"string",
  "enum":[
    "vCPU",
    "Instance",
    "Core",
    "Socket"
  ]
},
"LicenseDeletionStatus":{"
  "type":"string",
  "enum":[
    "PENDING_DELETE",
    "DELETED"
  ]
},
"LicenseList":{"
  "type":"list",
  "member":{"shape":"License"}
},
"LicenseOperationFailure":{"

```

```

"type":"structure",
"members":{
  "ResourceArn":{"shape":"String"},
  "ResourceType":{"shape":"ResourceType"},
  "ErrorMessage":{"shape":"String"},
  "FailureTime":{"shape":"DateTime"},
  "OperationName":{"shape":"String"},
  "ResourceOwnerId":{"shape":"String"},
  "OperationRequestedBy":{"shape":"String"},
  "MetadataList":{"shape":"MetadataList"}
}
},
"LicenseOperationFailureList":{
  "type":"list",
  "member":{"shape":"LicenseOperationFailure"}
},
"LicenseSpecification":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{"shape":"String"},
    "AmiAssociationScope":{"shape":"String"}
  }
},
"LicenseSpecifications":{
  "type":"list",
  "member":{"shape":"LicenseSpecification"}
},
"LicenseStatus":{
  "type":"string",
  "enum":[
    "AVAILABLE",
    "PENDING_AVAILABLE",
    "DEACTIVATED",
    "SUSPENDED",
    "EXPIRED",
    "PENDING_DELETE",
    "DELETED"
  ]
},
"LicenseUsage":{
  "type":"structure",
  "members":{
    "EntitlementUsages":{"shape":"EntitlementUsageList"}
  }
},
"LicenseUsageException":{
  "type":"structure",

```

```

"members":{
  "Message":{"shape":"Message"}
},
"exception":true
},
>ListAssociationsForLicenseConfigurationRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{"shape":"String"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"}
  }
},
>ListAssociationsForLicenseConfigurationResponse":{
  "type":"structure",
  "members":{
    "LicenseConfigurationAssociations":{"shape":"LicenseConfigurationAssociations"},
    "NextToken":{"shape":"String"}
  }
},
>ListDistributedGrantsRequest":{
  "type":"structure",
  "members":{
    "GrantArns":{"shape":"ArnList"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
>ListDistributedGrantsResponse":{
  "type":"structure",
  "members":{
    "Grants":{"shape":"GrantList"},
    "NextToken":{"shape":"String"}
  }
},
>ListFailuresForLicenseConfigurationOperationsRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{"shape":"String"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"}
  }
},
>ListFailuresForLicenseConfigurationOperationsResponse":{
  "type":"structure",

```

```

"members":{
  "LicenseOperationFailureList":{"shape":"LicenseOperationFailureList"},
  "NextToken":{"shape":"String"}
}
},
>ListLicenseConfigurationsRequest:{
  "type":"structure",
  "members":{
    "LicenseConfigurationArns":{"shape":"StringList"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"},
    "Filters":{"shape":"Filters"}
  }
},
>ListLicenseConfigurationsResponse:{
  "type":"structure",
  "members":{
    "LicenseConfigurations":{"shape":"LicenseConfigurations"},
    "NextToken":{"shape":"String"}
  }
},
>ListLicenseConversionTasksRequest:{
  "type":"structure",
  "members":{
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"BoxInteger"},
    "Filters":{"shape":"Filters"}
  }
},
>ListLicenseConversionTasksResponse:{
  "type":"structure",
  "members":{
    "LicenseConversionTasks":{"shape":"LicenseConversionTasks"},
    "NextToken":{"shape":"String"}
  }
},
>ListLicenseManagerReportGeneratorsRequest:{
  "type":"structure",
  "members":{
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
>ListLicenseManagerReportGeneratorsResponse:{
  "type":"structure",
  "members":{
    "ReportGenerators":{"shape":"ReportGeneratorList"},

```

```

    "NextToken":{"shape":"String"}
  }
},
"ListLicenseSpecificationsForResourceRequest":{
  "type":"structure",
  "required":["ResourceArn"],
  "members":{
    "ResourceArn":{"shape":"String"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"}
  }
},
"ListLicenseSpecificationsForResourceResponse":{
  "type":"structure",
  "members":{
    "LicenseSpecifications":{"shape":"LicenseSpecifications"},
    "NextToken":{"shape":"String"}
  }
}
},
"ListLicenseVersionsRequest":{
  "type":"structure",
  "required":["LicenseArn"],
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListLicenseVersionsResponse":{
  "type":"structure",
  "members":{
    "Licenses":{"shape":"LicenseList"},
    "NextToken":{"shape":"String"}
  }
}
},
"ListLicensesRequest":{
  "type":"structure",
  "members":{
    "LicenseArns":{"shape":"ArnList"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
}
},
"ListLicensesResponse":{
  "type":"structure",
  "members":{

```



```

    "Licenses":{"shape":"LicenseList"},
    "NextToken":{"shape":"String"}
  }
},
"ListReceivedGrantsForOrganizationRequest":{
  "type":"structure",
  "required":["LicenseArn"],
  "members":{
    "LicenseArn":{"shape":"Arn"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListReceivedGrantsForOrganizationResponse":{
  "type":"structure",
  "members":{
    "Grants":{"shape":"GrantList"},
    "NextToken":{"shape":"String"}
  }
},
"ListReceivedGrantsRequest":{
  "type":"structure",
  "members":{
    "GrantArns":{"shape":"ArnList"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListReceivedGrantsResponse":{
  "type":"structure",
  "members":{
    "Grants":{"shape":"GrantList"},
    "NextToken":{"shape":"String"}
  }
},
"ListReceivedLicensesForOrganizationRequest":{
  "type":"structure",
  "members":{
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListReceivedLicensesForOrganizationResponse":{
  "type":"structure",
  "members":{

```

```

    "Licenses":{"shape":"GrantedLicenseList"},
    "NextToken":{"shape":"String"}
  }
},
"ListReceivedLicensesRequest":{"
  "type":"structure",
  "members":{"
    "LicenseArns":{"shape":"ArnList"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListReceivedLicensesResponse":{"
  "type":"structure",
  "members":{"
    "Licenses":{"shape":"GrantedLicenseList"},
    "NextToken":{"shape":"String"}
  }
},
"ListResourceInventoryRequest":{"
  "type":"structure",
  "members":{"
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"},
    "Filters":{"shape":"InventoryFilterList"}
  }
},
"ListResourceInventoryResponse":{"
  "type":"structure",
  "members":{"
    "ResourceInventoryList":{"shape":"ResourceInventoryList"},
    "NextToken":{"shape":"String"}
  }
},
"ListTagsForResourceRequest":{"
  "type":"structure",
  "required":["ResourceArn"],
  "members":{"
    "ResourceArn":{"shape":"String"}
  }
},
"ListTagsForResourceResponse":{"
  "type":"structure",
  "members":{"
    "Tags":{"shape":"TagList"}
  }
},

```

```

"ListTokensRequest":{
  "type":"structure",
  "members":{
    "TokenIds":{"shape":"StringList"},
    "Filters":{"shape":"FilterList"},
    "NextToken":{"shape":"String"},
    "MaxResults":{"shape":"MaxSize100"}
  }
},
"ListTokensResponse":{
  "type":"structure",
  "members":{
    "Tokens":{"shape":"TokenList"},
    "NextToken":{"shape":"String"}
  }
},
"ListUsageForLicenseConfigurationRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{"shape":"String"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"},
    "Filters":{"shape":"Filters"}
  }
},
"ListUsageForLicenseConfigurationResponse":{
  "type":"structure",
  "members":{
    "LicenseConfigurationUsageList":{"shape":"LicenseConfigurationUsageList"},
    "NextToken":{"shape":"String"}
  }
},
"Location":{"type":"string"},
"Long":{"type":"long"},
"ManagedResourceSummary":{
  "type":"structure",
  "members":{
    "ResourceType":{"shape":"ResourceType"},
    "AssociationCount":{"shape":"BoxLong"}
  }
},
"ManagedResourceSummaryList":{
  "type":"list",
  "member":{"shape":"ManagedResourceSummary"}
},
"MaxSize100":{
  "type":"integer",

```

```

    "max":100,
    "min":1
  },
  "MaxSize3StringList":{
    "type":"list",
    "member":{"shape":"String"},
    "max":3
  },
  "Message":{"type":"string"},
  "Metadata":{
    "type":"structure",
    "members":{
      "Name":{"shape":"String"},
      "Value":{"shape":"String"}
    }
  },
  "MetadataList":{
    "type":"list",
    "member":{"shape":"Metadata"}
  },
  "NoEntitlementsAllowedException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "exception":true
  },
  "Options":{
    "type":"structure",
    "members":{
      "ActivationOverrideBehavior":{"shape":"ActivationOverrideBehavior"}
    }
  },
  "OrganizationConfiguration":{
    "type":"structure",
    "required":["EnableIntegration"],
    "members":{
      "EnableIntegration":{"shape":"Boolean"}
    }
  },
  "PrincipalArnList":{
    "type":"list",
    "member":{"shape":"Arn"},
    "max":1,
    "min":1
  },
  "ProductInformation":{
    "type":"structure",

```

```

"required":[
  "ResourceType",
  "ProductInformationFilterList"
],
"members":{
  "ResourceType":{"shape":"String"},
  "ProductInformationFilterList":{"shape":"ProductInformationFilterList"}
}
},
"ProductInformationFilter":{
  "type":"structure",
  "required":[
    "ProductInformationFilterName",
    "ProductInformationFilterComparator"
  ],
  "members":{
    "ProductInformationFilterName":{"shape":"String"},
    "ProductInformationFilterValue":{"shape":"StringList"},
    "ProductInformationFilterComparator":{"shape":"String"}
  }
},
"ProductInformationFilterList":{
  "type":"list",
  "member":{"shape":"ProductInformationFilter"}
},
"ProductInformationList":{
  "type":"list",
  "member":{"shape":"ProductInformation"}
},
"ProvisionalConfiguration":{
  "type":"structure",
  "required":["MaxTimeToLiveInMinutes"],
  "members":{
    "MaxTimeToLiveInMinutes":{"shape":"BoxInteger"}
  }
},
"RateLimitExceededException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"ReceivedMetadata":{
  "type":"structure",
  "members":{
    "ReceivedStatus":{"shape":"ReceivedStatus"},
    "ReceivedStatusReason":{"shape":"StatusReasonMessage"},

```

```

    "AllowedOperations":{"shape":"AllowedOperationList"}
  }
},
"ReceivedStatus":{
  "type":"string",
  "enum":[
    "PENDING_WORKFLOW",
    "PENDING_ACCEPT",
    "REJECTED",
    "ACTIVE",
    "FAILED_WORKFLOW",
    "DELETED",
    "DISABLED",
    "WORKFLOW_COMPLETED"
  ]
},
"RedirectException":{
  "type":"structure",
  "members":{
    "Location":{"shape":"Location"},
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"RejectGrantRequest":{
  "type":"structure",
  "required":["GrantArn"],
  "members":{
    "GrantArn":{"shape":"Arn"}
  }
},
"RejectGrantResponse":{
  "type":"structure",
  "members":{
    "GrantArn":{"shape":"Arn"},
    "Status":{"shape":"GrantStatus"},
    "Version":{"shape":"String"}
  }
},
"RenewType":{
  "type":"string",
  "enum":[
    "None",
    "Weekly",
    "Monthly"
  ]
},
"ReportContext":{

```

```

"type":"structure",
"required":["licenseConfigurationArns"],
"members":{
  "licenseConfigurationArns":{"shape":"ArnList"}
}
},
"ReportFrequency":{
"type":"structure",
"members":{
  "value":{"shape":"Integer"},
  "period":{"shape":"ReportFrequencyType"}
}
},
"ReportFrequencyType":{
"type":"string",
"enum":[
  "DAY",
  "WEEK",
  "MONTH"
]
},
"ReportGenerator":{
"type":"structure",
"members":{
  "ReportGeneratorName":{"shape":"String"},
  "ReportType":{"shape":"ReportTypeList"},
  "ReportContext":{"shape":"ReportContext"},
  "ReportFrequency":{"shape":"ReportFrequency"},
  "LicenseManagerReportGeneratorArn":{"shape":"String"},
  "LastRunStatus":{"shape":"String"},
  "LastRunFailureReason":{"shape":"String"},
  "LastReportGenerationTime":{"shape":"String"},
  "ReportCreatorAccount":{"shape":"String"},
  "Description":{"shape":"String"},
  "S3Location":{"shape":"S3Location"},
  "CreateTime":{"shape":"String"},
  "Tags":{"shape":"TagList"}
}
},
"ReportGeneratorList":{
"type":"list",
"member":{"shape":"ReportGenerator"}
},
"ReportGeneratorName":{
"type":"string",
"max":100,
"min":1
},

```

```

"ReportType":{
  "type":"string",
  "enum":[
    "LicenseConfigurationSummaryReport",
    "LicenseConfigurationUsageReport"
  ]
},
"ReportTypeList":{
  "type":"list",
  "member":{"shape":"ReportType"}
},
"ResourceInventory":{
  "type":"structure",
  "members":{
    "ResourceId":{"shape":"String"},
    "ResourceType":{"shape":"ResourceType"},
    "ResourceArn":{"shape":"String"},
    "Platform":{"shape":"String"},
    "PlatformVersion":{"shape":"String"},
    "ResourceOwningAccountId":{"shape":"String"}
  }
},
"ResourceInventoryList":{
  "type":"list",
  "member":{"shape":"ResourceInventory"}
},
"ResourceLimitExceededException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"ResourceNotFoundException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"ResourceType":{
  "type":"string",
  "enum":[
    "EC2_INSTANCE",
    "EC2_HOST",
    "EC2_AMI",
    "RDS",
    "SYSTEMS_MANAGER_MANAGED_INSTANCE"
  ]
}

```



```

]
},
"S3Location":{
  "type":"structure",
  "members":{
    "bucket":{"shape":"String"},
    "keyPrefix":{"shape":"String"}
  }
},
"ServerInternalException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true,
  "fault":true
},
"SignedToken":{
  "type":"string",
  "min":4096
},
"StatusReasonMessage":{
  "type":"string",
  "max":400,
  "pattern":"[\\s\\S]+"
},
"String":{"type":"string"},
"StringList":{
  "type":"list",
  "member":{"shape":"String"}
},
"Tag":{
  "type":"structure",
  "members":{
    "Key":{"shape":"String"},
    "Value":{"shape":"String"}
  }
},
"TagKeyList":{
  "type":"list",
  "member":{"shape":"String"}
},
"TagList":{
  "type":"list",
  "member":{"shape":"Tag"}
},
"TagResourceRequest":{

```

```

"type":"structure",
"required":[
  "ResourceArn",
  "Tags"
],
"members":{
  "ResourceArn":{"shape":"String"},
  "Tags":{"shape":"TagList"}
}
},
"TagResourceResponse":{
  "type":"structure",
  "members":{
  }
},
"TokenData":{
  "type":"structure",
  "members":{
    "TokenId":{"shape":"String"},
    "TokenType":{"shape":"String"},
    "LicenseArn":{"shape":"String"},
    "ExpirationTime":{"shape":"ISO8601DateTime"},
    "TokenProperties":{"shape":"MaxSize3StringList"},
    "RoleArns":{"shape":"ArnList"},
    "Status":{"shape":"String"}
  }
},
"TokenList":{
  "type":"list",
  "member":{"shape":"TokenData"}
},
"TokenString":{
  "type":"string",
  "max":4096,
  "pattern":"\\S+"
},
"TokenType":{
  "type":"string",
  "enum":["REFRESH_TOKEN"]
},
"UnsupportedDigitalSignatureMethodException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "exception":true
},
"UntagResourceRequest":{

```

```

"type":"structure",
"required":[
  "ResourceArn",
  "TagKeys"
],
"members":{
  "ResourceArn":{"shape":"String"},
  "TagKeys":{"shape":"TagKeyList"}
}
},
"UntagResourceResponse":{
"type":"structure",
"members":{
}
},
"UpdateLicenseConfigurationRequest":{
"type":"structure",
"required":["LicenseConfigurationArn"],
"members":{
  "LicenseConfigurationArn":{"shape":"String"},
  "LicenseConfigurationStatus":{"shape":"LicenseConfigurationStatus"},
  "LicenseRules":{"shape":"StringList"},
  "LicenseCount":{"shape":"BoxLong"},
  "LicenseCountHardLimit":{"shape":"BoxBoolean"},
  "Name":{"shape":"String"},
  "Description":{"shape":"String"},
  "ProductInformationList":{"shape":"ProductInformationList"},
  "DisassociateWhenNotFound":{"shape":"BoxBoolean"}
}
},
"UpdateLicenseConfigurationResponse":{
"type":"structure",
"members":{
}
},
"UpdateLicenseManagerReportGeneratorRequest":{
"type":"structure",
"required":[
  "LicenseManagerReportGeneratorArn",
  "ReportGeneratorName",
  "Type",
  "ReportContext",
  "ReportFrequency",
  "ClientToken"
],
"members":{
  "LicenseManagerReportGeneratorArn":{"shape":"String"},
  "ReportGeneratorName":{"shape":"ReportGeneratorName"},

```

```

    "Type":{"shape":"ReportTypeList"},
    "ReportContext":{"shape":"ReportContext"},
    "ReportFrequency":{"shape":"ReportFrequency"},
    "ClientToken":{"shape":"ClientRequestToken"},
    "Description":{"shape":"String"}
  }
},
"UpdateLicenseManagerReportGeneratorResponse":{"
  "type":"structure",
  "members":{
  }
},
"UpdateLicenseSpecificationsForResourceRequest":{"
  "type":"structure",
  "required":["ResourceArn"],
  "members":{
    "ResourceArn":{"shape":"String"},
    "AddLicenseSpecifications":{"shape":"LicenseSpecifications"},
    "RemoveLicenseSpecifications":{"shape":"LicenseSpecifications"}
  }
},
"UpdateLicenseSpecificationsForResourceResponse":{"
  "type":"structure",
  "members":{
  }
},
"UpdateServiceSettingsRequest":{"
  "type":"structure",
  "members":{
    "S3BucketArn":{"shape":"String"},
    "SnsTopicArn":{"shape":"String"},
    "OrganizationConfiguration":{"shape":"OrganizationConfiguration"},
    "EnableCrossAccountsDiscovery":{"shape":"BoxBoolean"}
  }
},
"UpdateServiceSettingsResponse":{"
  "type":"structure",
  "members":{
  }
},
"UsageOperation":{"
  "type":"string",
  "max":50
},
"ValidationException":{"
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  }
}

```

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    },
    "exception":true
  }
}
}
{
  "version": "2.0",
  "service": "<p>License Manager makes it easier to manage licenses from software vendors across multiple Amazon Web Services accounts and on-premises servers.</p>",
  "operations": {
    "AcceptGrant": "<p>Accepts the specified grant.</p>",
    "CheckInLicense": "<p>Checks in the specified license. Check in a license when it is no longer in use.</p>",
    "CheckoutBorrowLicense": "<p>Checks out the specified license for offline use.</p>",
    "CheckoutLicense": "<p>Checks out the specified license.</p> <note> <p>If the account that created the license is the same that is performing the check out, you must specify the account as the beneficiary.</p> </note>",
    "CreateGrant": "<p>Creates a grant for the specified license. A grant shares the use of license entitlements with a specific Amazon Web Services account, an organization, or an organizational unit (OU). For more information, see <a href='\"https://docs.aws.amazon.com/license-manager/latest/userguide/granted-licenses.html\">Granted licenses in License Manager</a> in the <i>License Manager User Guide</i>.</p>",
    "CreateGrantVersion": "<p>Creates a new version of the specified grant. For more information, see <a href='\"https://docs.aws.amazon.com/license-manager/latest/userguide/granted-licenses.html\">Granted licenses in License Manager</a> in the <i>License Manager User Guide</i>.</p>",
    "CreateLicense": "<p>Creates a license.</p>",
    "CreateLicenseConfiguration": "<p>Creates a license configuration.</p> <p>A license configuration is an abstraction of a customer license agreement that can be consumed and enforced by License Manager. Components include specifications for the license type (licensing by instance, socket, CPU, or vCPU), allowed tenancy (shared tenancy, Dedicated Instance, Dedicated Host, or all of these), license affinity to host (how long a license must be associated with a host), and the number of licenses purchased and used.</p>",
    "CreateLicenseConversionTaskForResource":
    "<p>Creates a new license conversion task.</p>",
    "CreateLicenseManagerReportGenerator": "<p>Creates a report generator.</p>",
    "CreateLicenseVersion": "<p>Creates a new version of the specified license.</p>",
    "CreateToken": "<p>Creates a long-lived token.</p> <p>A refresh token is a JWT token used to get an access token. With an access token, you can call AssumeRoleWithWebIdentity to get role credentials that you can use to call License Manager to manage the specified license.</p>",
    "DeleteGrant": "<p>Deletes the specified grant.</p>",
    "DeleteLicense": "<p>Deletes the specified license.</p>",
    "DeleteLicenseConfiguration": "<p>Deletes the specified license configuration.</p> <p>You cannot delete a license configuration that is in use.</p>",
    "DeleteLicenseManagerReportGenerator": "<p>Deletes the specified report generator.</p> <p>This action deletes the report generator, which stops it from generating future reports. The action cannot be reversed. It has no effect on the previous reports from this generator.</p>",
    "DeleteToken": "<p>Deletes the specified token. Must be called in the license home Region.</p>",
    "ExtendLicenseConsumption": "<p>Extends the expiration date for license consumption.</p>",
    "GetAccessToken": "<p>Gets a temporary access token to use with AssumeRoleWithWebIdentity. Access tokens are valid for one hour.</p>",
    "GetGrant": "<p>Gets detailed information about the specified grant.</p>",
    "GetLicense": "<p>Gets detailed information about the specified license.</p>",

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"GetLicenseConfiguration": "<p>Gets detailed information about the specified license configuration.</p>",
"GetLicenseConversionTask": "<p>Gets information about the specified license type conversion task.</p>",
"GetLicenseManagerReportGenerator": "<p>Gets information about the specified report generator.</p>",
"GetLicenseUsage": "<p>Gets detailed information about the usage of the specified license.</p>",
"GetServiceSettings":
"<p>Gets the License Manager settings for the current Region.</p>",
"ListAssociationsForLicenseConfiguration": "<p>Lists the resource associations for the specified license
configuration.</p> <p>Resource associations need not consume licenses from a license configuration. For example,
an AMI or a stopped instance might not consume a license (depending on the license rules).</p>",
"ListDistributedGrants": "<p>Lists the grants distributed for the specified license.</p>",
"ListFailuresForLicenseConfigurationOperations": "<p>Lists the license configuration operations that
failed.</p>",
"ListLicenseConfigurations": "<p>Lists the license configurations for your account.</p>",
"ListLicenseConversionTasks": "<p>Lists the license type conversion tasks for your account.</p>",
"ListLicenseManagerReportGenerators": "<p>Lists the report generators for your account.</p>",
"ListLicenseSpecificationsForResource": "<p>Describes the license configurations for the
specified resource.</p>",
"ListLicenseVersions": "<p>Lists all versions of the specified license.</p>",
"ListLicenses": "<p>Lists the licenses for your account.</p>",
"ListReceivedGrants": "<p>Lists grants that are received. Received grants are grants created while specifying the
recipient as this Amazon Web Services account, your organization, or an organizational unit (OU) to which this
member account belongs.</p>",
"ListReceivedGrantsForOrganization": "<p>Lists the grants received for all accounts in the organization.</p>",
"ListReceivedLicenses": "<p>Lists received licenses.</p>",
"ListReceivedLicensesForOrganization": "<p>Lists the licenses received for all accounts in the
organization.</p>",
"ListResourceInventory": "<p>Lists resources managed using Systems Manager inventory.</p>",
"ListTagsForResource": "<p>Lists the tags for the specified license configuration.</p>",
"ListTokens": "<p>Lists your tokens.</p>",
"ListUsageForLicenseConfiguration":
"<p>Lists all license usage records for a license configuration, displaying license consumption details by resource
at a selected point in time. Use this action to audit the current license consumption for any license inventory and
configuration.</p>",
"RejectGrant": "<p>Rejects the specified grant.</p>",
"TagResource": "<p>Adds the specified tags to the specified license configuration.</p>",
"UntagResource": "<p>Removes the specified tags from the specified license configuration.</p>",
"UpdateLicenseConfiguration": "<p>Modifies the attributes of an existing license configuration.</p>",
"UpdateLicenseManagerReportGenerator": "<p>Updates a report generator.</p> <p>After you make changes to a
report generator, it starts generating new reports within 60 minutes of being updated.</p>",
"UpdateLicenseSpecificationsForResource": "<p>Adds or removes the specified license configurations for the
specified Amazon Web Services resource.</p> <p>You can update the
license specifications of AMIs, instances, and hosts. You cannot update the license specifications for launch
templates and CloudFormation templates, as they send license configurations to the operation that creates the
resource.</p>",
"UpdateServiceSettings": "<p>Updates License Manager settings for the current Region.</p>"
},
"shapes": {
"AcceptGrantRequest": {

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"base": null,
"refs": {
}
},
"AcceptGrantResponse": {
"base": null,
"refs": {
}
},
"AccessDeniedException": {
"base": "<p>Access to resource denied.</p>",
"refs": {
}
},
"ActivationOverrideBehavior": {
"base": null,
"refs": {
"Options$ActivationOverrideBehavior": "<p>An activation option for your grant that determines the behavior
of activating a grant. Activation options can only be used with granted licenses sourced from the Amazon Web
Services Marketplace. Additionally, the operation must specify the value of <code>ACTIVE</code>
for the <code>Status</code> parameter.</p> <ul> <li> <p>As a license administrator, you can optionally specify
an <code>ActivationOverrideBehavior</code> when activating a grant.</p> </li> <li> <p>As a grantor, you can
optionally specify an <code>ActivationOverrideBehavior</code> when you activate a grant for a grantee account in
your organization.</p> </li> <li> <p>As a grantee, if the grantor creating the distributed grant doesnt specify an
<code>ActivationOverrideBehavior</code>, you can optionally specify one when you are activating the grant.</p>
</li> </ul> <dl> <dt>DISTRIBUTED_GRANTS_ONLY</dt> <dd> <p>Use this value to activate a grant without
replacing any member accounts active grants for the same product.</p> </dd>
<dt>ALL_GRANTS_PERMITTED_BY_ISSUER</dt> <dd> <p>Use this value to activate a grant and disable
other active grants in any member accounts for the same product. This action will also replace their previously
activated grants with this activated grant.</p>
</dd> </dl>"
}
},
"AllowedOperation": {
"base": null,
"refs": {
"AllowedOperationList$member": null
}
},
"AllowedOperationList": {
"base": null,
"refs": {
"CreateGrantRequest$AllowedOperations": "<p>Allowed operations for the grant.</p>",
"CreateGrantVersionRequest$AllowedOperations": "<p>Allowed operations for the grant.</p>",
"Grant$GrantedOperations": "<p>Granted operations.</p>",
"ReceivedMetadata$AllowedOperations": "<p>Allowed operations.</p>"
}
},

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"Arn": {
  "base": null,
  "refs": {
    "AcceptGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
    "AcceptGrantResponse$GrantArn": "<p>Grant ARN.</p>",
    "ArnList$member": null,
    "CheckoutBorrowLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license. The
license must use the borrow consumption configuration.</p>",
    "CheckoutBorrowLicenseResponse$LicenseArn":
"<p>Amazon Resource Name (ARN) of the license.</p>",
    "CreateGrantRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "CreateGrantResponse$GrantArn": "<p>Grant ARN.</p>",
    "CreateGrantVersionRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
    "CreateGrantVersionResponse$GrantArn": "<p>Grant ARN.</p>",
    "CreateLicenseConversionTaskForResourceRequest$ResourceArn": "<p>Amazon Resource Name (ARN) of
the resource you are converting the license type for.</p>",
    "CreateLicenseResponse$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "CreateLicenseVersionRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "CreateLicenseVersionResponse$LicenseArn": "<p>License ARN.</p>",
    "CreateTokenRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license. The ARN is mapped
to the aud claim of the JWT token.</p>",
    "DeleteGrantRequest$GrantArn":
"<p>Amazon Resource Name (ARN) of the grant.</p>",
    "DeleteGrantResponse$GrantArn": "<p>Grant ARN.</p>",
    "DeleteLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "GetGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
    "GetLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "GetLicenseUsageRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "Grant$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
    "Grant$ParentArn": "<p>Parent ARN.</p>",
    "Grant$LicenseArn": "<p>License ARN.</p>",
    "Grant$GranteePrincipalArn": "<p>The grantee principal ARN.</p>",
    "GrantedLicense$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "License$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
    "ListLicenseVersionsRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of
the license.</p>",
    "ListReceivedGrantsForOrganizationRequest$LicenseArn": "<p>The Amazon Resource Name (ARN) of the
received license.</p>",
    "PrincipalArnList$member": null,
    "RejectGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
    "RejectGrantResponse$GrantArn": "<p>Grant ARN.</p>"
  }
},
"ArnList": {
  "base": null,
  "refs": {
    "CreateTokenRequest$RoleArns": "<p>Amazon Resource Name (ARN) of the IAM roles to embed in the
token. License Manager does not check whether the roles are in use.</p>",

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"ListDistributedGrantsRequest$GrantArns": "<p>Amazon Resource Names (ARNs) of the grants.</p>",
"ListLicensesRequest$LicenseArns": "<p>Amazon Resource Names (ARNs) of the licenses.</p>",
"ListReceivedGrantsRequest$GrantArns": "<p>Amazon Resource Names (ARNs) of the grants.</p>",
"ListReceivedLicensesRequest$LicenseArns": "<p>Amazon Resource Names (ARNs) of the licenses.</p>",

"ReportContext$licenseConfigurationArns": "<p>Amazon Resource Name (ARN) of the license configuration
that this generator reports on.</p>",
  "TokenData$RoleArns": "<p>Amazon Resource Names (ARN) of the roles included in the token.</p>"
}
},
"AuthorizationException": {
  "base": "<p>The Amazon Web Services user account does not have permission to perform the action. Check the
IAM policy associated with this account.</p>",
  "refs": {
  }
},
"AutomatedDiscoveryInformation": {
  "base": "<p>Describes automated discovery.</p>",
  "refs": {
    "GetLicenseConfigurationResponse$AutomatedDiscoveryInformation": "<p>Automated discovery
information.</p>",
    "LicenseConfiguration$AutomatedDiscoveryInformation": "<p>Automated discovery information.</p>"
  }
},
"Boolean": {
  "base": null,
  "refs": {
    "ExtendLicenseConsumptionRequest$DryRun": "<p>Checks whether you have the required permissions for the
action,
without actually making the request. Provides an error response if you do not have the required permissions.</p>",
    "OrganizationConfiguration$EnableIntegration": "<p>Enables Organizations integration.</p>"
  }
},
"BorrowConfiguration": {
  "base": "<p>Details about a borrow configuration.</p>",
  "refs": {
    "ConsumptionConfiguration$BorrowConfiguration": "<p>Details about a borrow configuration.</p>"
  }
},
"BoxBoolean": {
  "base": null,
  "refs": {
    "BorrowConfiguration$AllowEarlyCheckIn": "<p>Indicates whether early check-ins are allowed.</p>",
    "CreateLicenseConfigurationRequest$LicenseCountHardLimit": "<p>Indicates whether hard or soft license
enforcement is used. Exceeding a hard limit blocks the launch of new instances.</p>",
    "CreateLicenseConfigurationRequest$DisassociateWhenNotFound": "<p>When true, disassociates a resource
when software is uninstalled.</p>",
    "Entitlement$Overage": "<p>Indicates

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whether overages are allowed.</p>",

"Entitlement\$AllowCheckIn": "<p>Indicates whether check-ins are allowed.</p>",

"GetLicenseConfigurationResponse\$LicenseCountHardLimit": "<p>Sets the number of available licenses as a hard limit.</p>",

"GetLicenseConfigurationResponse\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"GetServiceSettingsResponse\$EnableCrossAccountsDiscovery": "<p>Indicates whether cross-account discovery is enabled.</p>",

"LicenseConfiguration\$LicenseCountHardLimit": "<p>Number of available licenses as a hard limit.</p>",

"LicenseConfiguration\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"UpdateLicenseConfigurationRequest\$LicenseCountHardLimit": "<p>New hard limit of the number of available licenses.</p>",

"UpdateLicenseConfigurationRequest\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"UpdateServiceSettingsRequest\$EnableCrossAccountsDiscovery": "<p>Activates cross-account discovery.</p>"

}

},

"BoxInteger": {

"base": null,

"refs": {

"BorrowConfiguration\$MaxTimeToLiveInMinutes": "<p>Maximum time for the borrow configuration, in minutes.</p>",

"ListAssociationsForLicenseConfigurationRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseConfigurationsRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseConversionTasksRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseSpecificationsForResourceRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListResourceInventoryRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListUsageForLicenseConfigurationRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ProvisionalConfiguration\$MaxTimeToLiveInMinutes": "<p>Maximum time for the provisional configuration, in minutes.</p>"

}

},

"BoxLong": {

"base": null,

"refs": {

"ConsumedLicenseSummary\$ConsumedLicenses": "<p>Number of licenses consumed by the resource.</p>",

"CreateLicenseConfigurationRequest\$LicenseCount": "<p>Number of licenses managed by the license configuration.</p>",

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    "GetLicenseConfigurationResponse$LicenseCount": "<p>Number of available licenses.</p>",
    "GetLicenseConfigurationResponse$ConsumedLicenses": "<p>Number of licenses assigned to resources.</p>",
    "LicenseConfiguration$LicenseCount": "<p>Number of licenses managed by the license configuration.</p>",
    "LicenseConfiguration$ConsumedLicenses":
"<p>Number of licenses consumed. </p>",
    "LicenseConfigurationUsage$ConsumedLicenses": "<p>Number of licenses consumed by the resource.</p>",
    "ManagedResourceSummary$AssociationCount": "<p>Number of resources associated with licenses.</p>",
    "UpdateLicenseConfigurationRequest$LicenseCount": "<p>New number of licenses managed by the license
configuration.</p>"
  }
},
"CheckInLicenseRequest": {
  "base": null,
  "refs": {
  }
},
"CheckInLicenseResponse": {
  "base": null,
  "refs": {
  }
},
"CheckoutBorrowLicenseRequest": {
  "base": null,
  "refs": {
  }
},
"CheckoutBorrowLicenseResponse": {
  "base": null,
  "refs": {
  }
},
"CheckoutLicenseRequest": {
  "base": null,
  "refs": {
  }
},
"CheckoutLicenseResponse": {
  "base": null,
  "refs": {
  }
},
"CheckoutType": {
  "base": null,
  "refs": {
    "CheckoutLicenseRequest$CheckoutType": "<p>Checkout type.</p>",
    "CheckoutLicenseResponse$CheckoutType": "<p>Checkout type.</p>"
  }
},

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"ClientRequestToken": {
  "base": null,
  "refs": {
    "CreateLicenseManagerReportGeneratorRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "UpdateLicenseManagerReportGeneratorRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>"
  }
},
"ClientToken": {
  "base": null,
  "refs": {
    "CheckoutBorrowLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CheckoutLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CreateGrantRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CreateGrantVersionRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CreateLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CreateLicenseVersionRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
    "CreateTokenRequest$ClientToken": "<p>Idempotency token, valid for 10 minutes.</p>"
  }
},
"ConflictException": {
  "base": "<p>There was a conflict processing the request. Try your request again.</p>",
  "refs": {
  }
},
"ConsumedLicenseSummary": {
  "base": "<p>Details about license consumption.</p>",
  "refs": {
    "ConsumedLicenseSummaryList$member": null
  }
},
"ConsumedLicenseSummaryList": {
  "base": null,
  "refs": {
    "GetLicenseConfigurationResponse$ConsumedLicenseSummaryList": "<p>Summaries of the licenses consumed by resources.</p>",
    "LicenseConfiguration$ConsumedLicenseSummaryList": "<p>Summaries for licenses consumed by various resources.</p>"
  }
},
"ConsumptionConfiguration": {

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"base": "<p>Details about a consumption configuration.</p>",
"refs": {
  "CreateLicenseRequest$ConsumptionConfiguration": "<p>Configuration for consumption of the license.
Choose a provisional configuration for workloads running with continuous connectivity. Choose a borrow
configuration for workloads with offline usage.</p>",
  "CreateLicenseVersionRequest$ConsumptionConfiguration": "<p>Configuration for consumption of the
license. Choose a provisional configuration for workloads running with continuous connectivity. Choose a borrow
configuration for workloads with offline usage.</p>",
  "GrantedLicense$ConsumptionConfiguration":
"<p>Configuration for consumption of the license.</p>",
  "License$ConsumptionConfiguration": "<p>Configuration for consumption of the license.</p>"
}
},
"CreateGrantRequest": {
  "base": null,
  "refs": {
  }
},
"CreateGrantResponse": {
  "base": null,
  "refs": {
  }
},
"CreateGrantVersionRequest": {
  "base": null,
  "refs": {
  }
},
"CreateGrantVersionResponse": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseConfigurationRequest": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseConfigurationResponse": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseConversionTaskForResourceRequest": {
  "base": null,
  "refs": {
  }
},

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```
"CreateLicenseConversionTaskForResourceResponse": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseManagerReportGeneratorRequest": {
  "base": null,
  "refs": {

  }
},
"CreateLicenseManagerReportGeneratorResponse": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseRequest": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseResponse": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseVersionRequest": {
  "base": null,
  "refs": {
  }
},
"CreateLicenseVersionResponse": {
  "base": null,
  "refs": {
  }
},
"CreateTokenRequest": {
  "base": null,
  "refs": {
  }
},
"CreateTokenResponse": {
  "base": null,
  "refs": {
  }
},
"DateTime": {
  "base": null,
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"refs": {
  "AutomatedDiscoveryInformation$LastRunTime": "<p>Time that automated discovery last ran.</p>",
  "GetLicenseConversionTaskResponse$StartTime": "<p>Time at which the license type conversion task was
started .</p>",
  "GetLicenseConversionTaskResponse$LicenseConversionTime": "<p>Amount of time to complete the license
type conversion.</p>",
  "GetLicenseConversionTaskResponse$EndTime": "<p>Time at which the license type conversion task was
completed.</p>",
  "LicenseConfigurationAssociation$AssociationTime": "<p>Time when the license configuration was associated
with the resource.</p>",
  "LicenseConfigurationUsage$AssociationTime": "<p>Time when the license configuration was initially
associated with the resource.</p>",
  "LicenseConversionTask$StartTime": "<p>The time the conversion task was started at.</p>",
  "LicenseConversionTask$LicenseConversionTime": "<p>The time the usage operation value of the resource
was changed.</p>",
  "LicenseConversionTask$EndTime": "<p>The time the conversion task was completed.</p>",
  "LicenseOperationFailure$FailureTime": "<p>Failure time.</p>"
}
},
"DatetimeRange": {
  "base": "<p>Describes a time range, in ISO8601-UTC format.</p>",
  "refs": {
    "CreateLicenseRequest$Validity": "<p>Date
and time range during which the license is valid, in ISO8601-UTC format.</p>",
    "CreateLicenseVersionRequest$Validity": "<p>Date and time range during which the license is valid, in
ISO8601-UTC format.</p>",
    "GrantedLicense$Validity": "<p>Date and time range during which the granted license is valid, in ISO8601-
UTC format.</p>",
    "License$Validity": "<p>Date and time range during which the license is valid, in ISO8601-UTC format.</p>"
  }
},
>DeleteGrantRequest": {
  "base": null,
  "refs": {
  }
},
>DeleteGrantResponse": {
  "base": null,
  "refs": {
  }
},
>DeleteLicenseConfigurationRequest": {
  "base": null,
  "refs": {
  }
},
>DeleteLicenseConfigurationResponse": {
  "base": null,

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"refs": {
}
},
>DeleteLicenseManagerReportGeneratorRequest": {
"base": null,
"refs": {
}
},
>DeleteLicenseManagerReportGeneratorResponse": {
"base": null,
"refs": {
}
},
>DeleteLicenseRequest": {
"base": null,
"refs": {
}
},
>DeleteLicenseResponse": {
"base": null,
"refs": {
}
},
>DeleteTokenRequest": {
"base": null,
"refs": {
}
},
>DeleteTokenResponse": {
"base": null,
"refs": {
}
},
>DigitalSignatureMethod": {
"base": null,
"refs": {
"CheckoutBorrowLicenseRequest$DigitalSignatureMethod": "<p>Digital signature method. The possible value
is JSON Web Signature (JWS) algorithm PS384. For more information, see <a
href=\"https://tools.ietf.org/html/rfc7518#section-3.5\">RFC 7518 Digital Signature with RSASSA-PSS</a>.</p>"
}
},
>Entitlement": {
"base": "<p>Describes a resource entitled for use with a license.</p>",
"refs": {
"EntitlementList$member": null
}
},
>EntitlementData": {

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"base": "<p>Data associated with an entitlement resource.</p>",

"refs": {
  "EntitlementDataList$member": null
}
},
"EntitlementDataList": {
  "base": null,
  "refs": {
    "CheckoutBorrowLicenseRequest$Entitlements": "<p>License entitlements. Partial checkouts are not supported.</p>",
    "CheckoutBorrowLicenseResponse$EntitlementsAllowed": "<p>Allowed license entitlements.</p>",
    "CheckoutLicenseRequest$Entitlements": "<p>License entitlements.</p>",
    "CheckoutLicenseResponse$EntitlementsAllowed": "<p>Allowed license entitlements.</p>"
  }
},
"EntitlementDataUnit": {
  "base": null,
  "refs": {
    "EntitlementData$Unit": "<p>Entitlement data unit.</p>",
    "EntitlementUsage$Unit": "<p>Entitlement usage unit.</p>"
  }
},
"EntitlementList": {
  "base": null,
  "refs": {
    "CreateLicenseRequest$Entitlements": "<p>License entitlements.</p>",
    "CreateLicenseVersionRequest$Entitlements": "<p>License entitlements.</p>",
    "GrantedLicense$Entitlements":
"<p>License entitlements.</p>",
    "License$Entitlements": "<p>License entitlements.</p>"
  }
},
"EntitlementNotAllowedException": {
  "base": "<p>The entitlement is not allowed.</p>",
  "refs": {
  }
},
"EntitlementUnit": {
  "base": null,
  "refs": {
    "Entitlement$Unit": "<p>Entitlement unit.</p>"
  }
},
"EntitlementUsage": {
  "base": "<p>Usage associated with an entitlement resource.</p>",
  "refs": {
    "EntitlementUsageList$member": null
  }
}

```

```

    }
  },
  "EntitlementUsageList": {
    "base": null,
    "refs": {
      "LicenseUsage$EntitlementUsages": "<p>License entitlement usages.</p>"
    }
  },
  "ExtendLicenseConsumptionRequest": {
    "base": null,
    "refs": {
    }
  },
  "ExtendLicenseConsumptionResponse": {
    "base": null,
    "refs": {
    }
  },
  "FailedDependencyException": {
    "base": "<p>A dependency required to run the API is missing.</p>",
    "refs": {
    }
  },
  "Filter": {
    "base": "<p>A filter name and value pair that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria, such as tags, attributes, or IDs.</p>",
    "refs": {
      "FilterList$member": null,
      "Filters$member": null
    }
  },
  "FilterLimitExceededException": {
    "base": "<p>The request uses too many filters or too many filter values.</p>",
    "refs": {
    }
  },
  "FilterList": {
    "base": null,
    "refs": {
      "ListDistributedGrantsRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li><p> <code>LicenseArn</code> </p> </li> <li><p> <code>GrantStatus</code> </p> </li> <li><p> <code>GranteePrincipalARN</code> </p> </li> <li><p> <code>ProductSKU</code> </p> </li> <li><p> <code>LicenseIssuerName</code> </p> </li> </ul>",
      "ListLicenseManagerReportGeneratorsRequest$Filters":
        "<p>Filters to scope the results. The following filters are supported: </p> <ul> <li><p> <code>LicenseConfigurationArn</code> </p> </li> </ul>",
      "ListLicensesRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li><p> <code>Beneficiary</code> </p> </li> <li><p> <code>ProductSKU</code> </p> </li> <li><p>

```

```
<code>Fingerprint</code> </p> </li> <li> <p> <code>Status</code> </p> </li> </ul>",
```

```
"ListReceivedGrantsForOrganizationRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p> <code>ParentArn</code> </p> </li> <li> <p> <code>GranteePrincipalArn</code> </p> </li> </ul>",
```

```
"ListReceivedGrantsRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p> <code>ProductSKU</code> </p> </li> <li> <p> <code>LicenseIssuerName</code> </p> </li> <li> <p> <code>LicenseArn</code> </p> </li> <li> <p> <code>GrantStatus</code> </p> </li> <li> <p> <code>GranterAccountId</code> </p> </li> </ul>",
```

```
"ListReceivedLicensesForOrganizationRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p> <code>Beneficiary</code> </p> </li> <li> <p> <code>ProductSKU</code> </p> </li> </ul>",
```

```
"ListReceivedLicensesRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p> <code>ProductSKU</code> </p> </li> <li> <p> <code>Status</code> </p> </li> <li> <p> <code>Fingerprint</code> </p> </li> <li> <p> <code>IssuerName</code> </p> </li> <li> <p> <code>Beneficiary</code> </p> </li> </ul>",
```

```
"ListTokensRequest$Filters": "<p>Filters to scope the results. The following filter is supported:</p> <ul> <li> <p> <code>LicenseArns</code> </p> </li> </ul>"
```

```
  }
},
"FilterName": {
  "base": null,
  "refs": {
    "Filter$Name": "<p>Name of the filter. Filter names are case-sensitive.</p>"
  }
},
"FilterValue": {
  "base": null,
  "refs": {
    "FilterValues$member": null
  }
},
"FilterValues": {
  "base": null,
  "refs": {
    "Filter$Values": "<p>The value of the filter, which is case-sensitive. You can only specify one value for the filter.</p>"
  }
},
"Filters": {
  "base": null,
  "refs": {
```

```
"ListLicenseConfigurationsRequest$Filters": "<p>Filters to scope the results. The following filters and logical operators are supported:</p> <ul> <li> <p> <code>licenseCountingType</code> - The dimension for which licenses are counted. Possible values are <code>vCPU</code> | <code>Instance</code> | <code>Core</code> | <code>Socket</code>. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>enforceLicenseCount</code> - A Boolean value that indicates whether hard license enforcement is used. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p>
```

</li> <li> <p> <code>usagelimitExceeded</code> - A Boolean value that indicates whether the available licenses have been exceeded. Logical operators are <code>EQUALS</code> | <code>NOT\_EQUALS</code>.</p> </li> </ul>",

"ListLicenseConversionTasksRequest\$Filters": "<p>Filters to scope the results. Valid filters are <code>ResourceArns</code> and <code>Status</code>.</p>",

"ListUsageForLicenseConfigurationRequest\$Filters": "<p>Filters to scope the results. The following filters and logical operators are supported:</p> <ul> <li> <p> <code>resourceArn</code> - The ARN of the license configuration resource. Logical operators are <code>EQUALS</code> | <code>NOT\_EQUALS</code>.</p> </li> <li> <p> <code>resourceType</code> - The resource type (<code>EC2\_INSTANCE</code> | <code>EC2\_HOST</code> | <code>EC2\_AMI</code> | <code>SYSTEMS\_MANAGER\_MANAGED\_INSTANCE</code>). Logical operators are <code>EQUALS</code> | <code>NOT\_EQUALS</code>.</p> </li> <li> <p> <code>resourceAccount</code> - The ID of the account that owns the resource. Logical operators are <code>EQUALS</code> | <code>NOT\_EQUALS</code>.</p> </li> </ul>"

}

},

"GetAccessTokenRequest": {

"base": null,

"refs": {

}

},

"GetAccessTokenResponse": {

"base": null,

"refs": {

}

},

"GetGrantRequest": {

"base": null,

"refs": {

}

},

"GetGrantResponse": {

"base": null,

"refs": {

}

},

"GetLicenseConfigurationRequest": {

"base": null,

"refs": {

}

},

"GetLicenseConfigurationResponse": {

"base": null,

"refs": {

}

},

"GetLicenseConversionTaskRequest": {

"base": null,

```
"refs": {
}
},
"GetLicenseConversionTaskResponse": {
  "base": null,
  "refs": {
  }
},
"GetLicenseManagerReportGeneratorRequest": {
  "base": null,
  "refs": {
  }
},
"GetLicenseManagerReportGeneratorResponse": {
  "base":
null,
  "refs": {
  }
},
"GetLicenseRequest": {
  "base": null,
  "refs": {
  }
},
"GetLicenseResponse": {
  "base": null,
  "refs": {
  }
},
"GetLicenseUsageRequest": {
  "base": null,
  "refs": {
  }
},
"GetLicenseUsageResponse": {
  "base": null,
  "refs": {
  }
},
"GetServiceSettingsRequest": {
  "base": null,
  "refs": {
  }
},
"GetServiceSettingsResponse": {
  "base": null,
  "refs": {
  }
}
```

```

},
"Grant": {
  "base": "<p>Describes a grant.</p>",
  "refs": {
    "GetGrantResponse$Grant": "<p>Grant details.</p>",
    "GrantList$member": null
  }
},
"GrantList": {
  "base": null,
  "refs": {
    "ListDistributedGrantsResponse$Grants": "<p>Distributed grant details.</p>",
    "ListReceivedGrantsForOrganizationResponse$Grants": "<p>Lists the grants the organization has
received.</p>",
    "ListReceivedGrantsResponse$Grants":
"<p>Received grant details.</p>"
  }
},
"GrantStatus": {
  "base": null,
  "refs": {
    "AcceptGrantResponse$Status": "<p>Grant status.</p>",
    "CreateGrantResponse$Status": "<p>Grant status.</p>",
    "CreateGrantVersionRequest$Status": "<p>Grant status.</p>",
    "CreateGrantVersionResponse$Status": "<p>Grant status.</p>",
    "DeleteGrantResponse$Status": "<p>Grant status.</p>",
    "Grant$GrantStatus": "<p>Grant status.</p>",
    "RejectGrantResponse$Status": "<p>Grant status.</p>"
  }
},
"GrantedLicense": {
  "base": "<p>Describes a license that is granted to a grantee.</p>",
  "refs": {
    "GrantedLicenseList$member": null
  }
},
"GrantedLicenseList": {
  "base": null,
  "refs": {
    "ListReceivedLicensesForOrganizationResponse$Licenses": "<p>Lists the licenses the organization has
received.</p>",
    "ListReceivedLicensesResponse$Licenses": "<p>Received license
details.</p>"
  }
},
"ISO8601DateTime": {
  "base": null,
  "refs": {

```

"CheckoutBorrowLicenseResponse\$IssuedAt": "<p>Date and time at which the license checkout is issued.</p>",

"CheckoutBorrowLicenseResponse\$Expiration": "<p>Date and time at which the license checkout expires.</p>",

"CheckoutLicenseResponse\$IssuedAt": "<p>Date and time at which the license checkout is issued.</p>",

"CheckoutLicenseResponse\$Expiration": "<p>Date and time at which the license checkout expires.</p>",

"DatetimeRange\$Begin": "<p>Start of the time range.</p>",

"DatetimeRange\$End": "<p>End of the time range.</p>",

"DeleteLicenseResponse\$DeletionDate": "<p>Date when the license is deleted.</p>",

"ExtendLicenseConsumptionResponse\$Expiration": "<p>Date and time at which the license consumption expires.</p>",

"GrantedLicense\$CreateTime": "<p>Creation time of the granted license.</p>",

"License\$CreateTime": "<p>License creation time.</p>",

"TokenData\$ExpirationTime": "<p>Token expiration time, in ISO8601-UTC format.</p>"

}

},

"Integer": {

"base": null,

"refs": {

"CreateTokenRequest\$ExpirationInDays": "<p>Token expiration, in days, counted from token creation. The default is 365 days.</p>",

"ReportFrequency\$value": "<p>Number of times within the frequency period that a report is generated. The only supported value is <code>1</code>.</p>"

}

},

"InvalidParameterValueException": {

"base": "<p>One or more parameter values are not valid.</p>",

"refs": {

}

},

"InvalidResourceStateException": {

"base": "<p>License Manager cannot allocate a license to a resource because of its state. </p> <p>For example, you cannot allocate a license to an instance in the process of shutting down.</p>",

"refs": {

}

},

"InventoryFilter": {

"base": "<p>An inventory filter.</p>",

"refs": {

"InventoryFilterList\$member": null

}

},

"InventoryFilterCondition": {

"base": null,

"refs": {

"InventoryFilter\$Condition": "<p>Condition of the filter.</p>"

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    }
  },
  "InventoryFilterList": {
    "base": null,
    "refs": {
      "ListResourceInventoryRequest$Filters": "<p>Filters to scope the results. The following filters and logical operators are supported:</p> <ul> <li> <p> <code>account_id</code> - The ID of the Amazon Web Services account that owns the resource. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>application_name</code> - The name of the application. Logical operators are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p> </li> <li> <p> <code>license_included</code> - The type of license included. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>. Possible values are <code>sql-server-enterprise</code> | <code>sql-server-standard</code> | <code>sql-server-web</code> | <code>windows-server-datacenter</code>.</p> </li> <li> <p> <code>platform</code> - The platform of the resource. Logical operators are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p> </li> <li> <p> <code>resource_id</code> - The ID of the resource. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>tag:&lt;key&gt;&lt;value&gt;</code> - The key/value combination of a tag assigned to the resource. Logical operators are <code>EQUALS</code> (single account) or <code>EQUALS</code> | <code>NOT_EQUALS</code> (cross account).</p> </li> </ul>"
    }
  },
  "Issuer": {
    "base": "<p>Details about the issuer of a license.</p>",
    "refs": {
      "CreateLicenseRequest$Issuer": "<p>License issuer.</p>",
      "CreateLicenseVersionRequest$Issuer": "<p>License issuer.</p>"
    }
  },
  "IssuerDetails": {
    "base": "<p>Details associated with the issuer of a license.</p>",
    "refs": {
      "GrantedLicense$Issuer": "<p>Granted license issuer.</p>",
      "License$Issuer": "<p>License issuer.</p>"
    }
  },
  "License": {
    "base": "<p>Software license that is managed in License Manager.</p>",
    "refs": {
      "GetLicenseResponse$License": "<p>License details.</p>",
      "LicenseList$member": null
    }
  },
  "LicenseConfiguration": {
    "base": "<p>A license configuration is an abstraction of a customer license agreement that can be consumed and enforced by License Manager. Components include specifications for the license type (licensing by instance, socket, CPU, or vCPU), allowed tenancy (shared tenancy, Dedicated Instance, Dedicated Host, or all of these), host affinity (how long a VM must be associated with a host), and the number of licenses purchased and used.</p>",

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"refs": {
  "LicenseConfigurations$member": null
}
},
"LicenseConfigurationAssociation": {
  "base": "<p>Describes an association with a license configuration.</p>",
  "refs": {
    "LicenseConfigurationAssociations$member": null
  }
},
"LicenseConfigurationAssociations": {
  "base": null,
  "refs": {
    "ListAssociationsForLicenseConfigurationResponse$LicenseConfigurationAssociations": "<p>Information about the associations for the license configuration.</p>"
  }
},
"LicenseConfigurationStatus": {
  "base": null,
  "refs": {
    "UpdateLicenseConfigurationRequest$LicenseConfigurationStatus": "<p>New status of the license configuration.</p>"
  }
},
"LicenseConfigurationUsage": {
  "base": "<p>Details about the usage of a resource associated with a license configuration.</p>",
  "refs": {
    "LicenseConfigurationUsageList$member": null
  }
},
"LicenseConfigurationUsageList": {
  "base": null,
  "refs": {
    "ListUsageForLicenseConfigurationResponse$LicenseConfigurationUsageList": "<p>Information about the license configurations.</p>"
  }
},
"LicenseConfigurations": {
  "base": null,
  "refs": {
    "ListLicenseConfigurationsResponse$LicenseConfigurations": "<p>Information about the license configurations.</p>"
  }
},
"LicenseConversionContext": {
  "base": "<p>Information about a license type conversion task.</p>",
  "refs": {

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"CreateLicenseConversionTaskForResourceRequest\$SourceLicenseContext": "<p>Information that identifies the license type you are converting from. For the structure of the source license, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/conversion-procedures.html#conversion-cli\">Convert a license type using the CLI </a> in the <i>License Manager User Guide</i>.</p>",

"CreateLicenseConversionTaskForResourceRequest\$DestinationLicenseContext": "<p>Information that identifies the license type you are converting to. For the structure of the destination license, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/conversion-procedures.html#conversion-cli\">Convert a license type using the CLI </a> in the <i>License Manager User Guide</i>.</p>",

"GetLicenseConversionTaskResponse\$SourceLicenseContext": "<p>Information about the license type converted from.</p>",

"GetLicenseConversionTaskResponse\$DestinationLicenseContext": "<p>Information about the license type converted to.</p>",

"LicenseConversionTask\$SourceLicenseContext": "<p>Information about the license type this conversion task converted from.</p>",

"LicenseConversionTask\$DestinationLicenseContext": "<p>Information about the license type this conversion task converted to.</p>"

}

},

"LicenseConversionTask": {

"base": "<p>Information about a license type conversion task.</p>",

"refs": {

"LicenseConversionTasks\$member": null

}

},

"LicenseConversionTaskId": {

"base": null,

"refs": {

"CreateLicenseConversionTaskForResourceResponse\$LicenseConversionTaskId":

<p>The ID of the created license type conversion task.</p>",

"GetLicenseConversionTaskRequest\$LicenseConversionTaskId": "<p>ID of the license type conversion task to retrieve information on.</p>",

"GetLicenseConversionTaskResponse\$LicenseConversionTaskId": "<p>ID of the license type conversion task.</p>",

"LicenseConversionTask\$LicenseConversionTaskId": "<p>The ID of the license type conversion task.</p>"

}

},

"LicenseConversionTaskStatus": {

"base": null,

"refs": {

"GetLicenseConversionTaskResponse\$Status": "<p>Status of the license type conversion task.</p>",

"LicenseConversionTask\$Status": "<p>The status of the conversion task.</p>"

}

},

"LicenseConversionTasks": {

"base": null,

"refs": {

"ListLicenseConversionTasksResponse\$LicenseConversionTasks": "<p>Information about the license

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configuration tasks for your account.</p>"
  }
},
"LicenseCountingType":
{
  "base": null,
  "refs": {
    "CreateLicenseConfigurationRequest$LicenseCountingType": "<p>Dimension used to track the license
inventory.</p>",
    "GetLicenseConfigurationResponse$LicenseCountingType": "<p>Dimension for which the licenses are
counted.</p>",
    "LicenseConfiguration$LicenseCountingType": "<p>Dimension to use to track the license inventory.</p>"
  }
},
"LicenseDeletionStatus": {
  "base": null,
  "refs": {
    "DeleteLicenseResponse$Status": "<p>License status.</p>"
  }
},
"LicenseList": {
  "base": null,
  "refs": {
    "ListLicenseVersionsResponse$Licenses": "<p>License details.</p>",
    "ListLicensesResponse$Licenses": "<p>License details.</p>"
  }
},
"LicenseOperationFailure": {
  "base": "<p>Describes the failure of a license operation.</p>",
  "refs": {
    "LicenseOperationFailureList$member": null
  }
},
"LicenseOperationFailureList": {
  "base":
null,
  "refs": {
    "ListFailuresForLicenseConfigurationOperationsResponse$LicenseOperationFailureList": "<p>License
configuration operations that failed.</p>"
  }
},
"LicenseSpecification": {
  "base": "<p>Details for associating a license configuration with a resource.</p>",
  "refs": {
    "LicenseSpecifications$member": null
  }
},
"LicenseSpecifications": {

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"base": null,
"refs": {
  "ListLicenseSpecificationsForResourceResponse$LicenseSpecifications": "<p>License configurations
associated with a resource.</p>",
  "UpdateLicenseSpecificationsForResourceRequest$AddLicenseSpecifications": "<p>ARNs of the license
configurations to add.</p>",
  "UpdateLicenseSpecificationsForResourceRequest$RemoveLicenseSpecifications": "<p>ARNs of the license
configurations to remove.</p>"
}
},
"LicenseStatus": {
  "base": null,
  "refs": {
    "CreateLicenseResponse$Status": "<p>License status.</p>",
    "CreateLicenseVersionRequest$Status": "<p>License status.</p>",
    "CreateLicenseVersionResponse$Status": "<p>License status.</p>",
    "GrantedLicense$Status": "<p>Granted license status.</p>",
    "License$Status": "<p>License status.</p>"
  }
},
"LicenseUsage": {
  "base": "<p>Describes the entitlement usage associated with a license.</p>",
  "refs": {
    "GetLicenseUsageResponse$LicenseUsage": "<p>License usage details.</p>"
  }
},
"LicenseUsageException": {
  "base": "<p>You do not have enough licenses available to support a new resource launch.</p>",
  "refs": {
  }
},
"ListAssociationsForLicenseConfigurationRequest": {
  "base": null,
  "refs": {
  }
},
"ListAssociationsForLicenseConfigurationResponse": {
  "base": null,
  "refs": {
  }
},
"ListDistributedGrantsRequest": {
  "base": null,
  "refs": {
  }
},
"ListDistributedGrantsResponse":

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```
{
  "base": null,
  "refs": {
  }
},
"ListFailuresForLicenseConfigurationOperationsRequest": {
  "base": null,
  "refs": {
  }
},
"ListFailuresForLicenseConfigurationOperationsResponse": {
  "base": null,
  "refs": {
  }
},
"ListLicenseConfigurationsRequest": {
  "base": null,
  "refs": {
  }
},
"ListLicenseConfigurationsResponse": {
  "base": null,
  "refs": {
  }
},
"ListLicenseConversionTasksRequest": {
  "base": null,
  "refs": {
  }
},
"ListLicenseConversionTasksResponse": {
  "base": null,
  "refs": {
  }
},
"ListLicenseManagerReportGeneratorsRequest": {
  "base": null,
  "refs": {
  }
},
"ListLicenseManagerReportGeneratorsResponse": {
  "base": null,
  "refs": {
  }
},
"ListLicenseSpecificationsForResourceRequest": {
  "base": null,
  "refs": {
  }
}
```

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    }
  },
  "ListLicenseSpecificationsForResourceResponse": {
    {
      "base": null,
      "refs": {
        }
      },
    "ListLicenseVersionsRequest": {
      "base": null,
      "refs": {
        }
      },
    "ListLicenseVersionsResponse": {
      "base": null,
      "refs": {
        }
      },
    "ListLicensesRequest": {
      "base": null,
      "refs": {
        }
      },
    "ListLicensesResponse": {
      "base": null,
      "refs": {
        }
      },
    "ListReceivedGrantsForOrganizationRequest": {
      "base": null,
      "refs": {
        }
      },
    "ListReceivedGrantsForOrganizationResponse": {
      "base": null,
      "refs": {
        }
      },
    "ListReceivedGrantsRequest": {
      "base": null,
      "refs": {
        }
      },
    "ListReceivedGrantsResponse": {
      "base": null,
      "refs": {
        }
      },
  },

```

```

"ListReceivedLicensesForOrganizationRequest": {
  "base": null,
  "refs": {
  }
},
"ListReceivedLicensesForOrganizationResponse": {
  "base": null,
  "refs": {
  }
},
"ListReceivedLicensesRequest":
{
  "base": null,
  "refs": {
  }
},
"ListReceivedLicensesResponse": {
  "base": null,
  "refs": {
  }
},
"ListResourceInventoryRequest": {
  "base": null,
  "refs": {
  }
},
"ListResourceInventoryResponse": {
  "base": null,
  "refs": {
  }
},
"ListTagsForResourceRequest": {
  "base": null,
  "refs": {
  }
},
"ListTagsForResourceResponse": {
  "base": null,
  "refs": {
  }
},
"ListTokensRequest": {
  "base": null,
  "refs": {
  }
},
"ListTokensResponse": {
  "base": null,

```

```

"refs": {
}
},
>ListUsageForLicenseConfigurationRequest": {
"base": null,
"refs": {
}
},
>ListUsageForLicenseConfigurationResponse": {
"base": null,
"refs": {
}
},
"Location": {
"base": null,
"refs": {
"RedirectException$Location": null
}
},
"Long":
{
"base": null,
"refs": {
"Entitlement$MaxCount": "<p>Maximum entitlement count. Use if the unit is not None.</p>"
}
},
"ManagedResourceSummary": {
"base": "<p>Summary information about a managed resource.</p>",
"refs": {
"ManagedResourceSummaryList$member": null
}
},
"ManagedResourceSummaryList": {
"base": null,
"refs": {
"GetLicenseConfigurationResponse$ManagedResourceSummaryList": "<p>Summaries of the managed
resources.</p>",
"LicenseConfiguration$ManagedResourceSummaryList": "<p>Summaries for managed resources.</p>"
}
},
"MaxSize100": {
"base": null,
"refs": {
>ListDistributedGrantsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
>ListLicenseManagerReportGeneratorsRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
>ListLicenseVersionsRequest$MaxResults": "<p>Maximum

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number of results to return in a single call.</p>",
  "ListLicensesRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
  "ListReceivedGrantsForOrganizationRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
  "ListReceivedGrantsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
  "ListReceivedLicensesForOrganizationRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
  "ListReceivedLicensesRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
  "ListTokensRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>"
}
},
"MaxSize3StringList": {
  "base": null,
  "refs": {
    "CreateTokenRequest$TokenProperties": "<p>Data specified by the caller to be included in the JWT token. The
data is mapped to the amr claim of the JWT token.</p>",

    "GetAccessTokenRequest$TokenProperties": "<p>Token properties to validate against those present in the JWT
token.</p>",
    "TokenData$TokenProperties": "<p>Data specified by the caller.</p>"
  }
},
"Message": {
  "base": null,
  "refs": {
    "AccessDeniedException$Message": null,
    "AuthorizationException$Message": null,
    "ConflictException$Message": null,
    "EntitlementNotAllowedException$Message": null,
    "FailedDependencyException$Message": null,
    "FilterLimitExceededException$Message": null,
    "InvalidParameterValueException$Message": null,
    "InvalidResourceStateException$Message": null,
    "LicenseUsageException$Message": null,
    "NoEntitlementsAllowedException$Message": null,
    "RateLimitExceededException$Message": null,
    "RedirectException$Message": null,
    "ResourceLimitExceededException$Message": null,
    "ResourceNotFoundException$Message": null,
    "ServerInternalException$Message":
null,
    "UnsupportedDigitalSignatureMethodException$Message": null,
    "ValidationException$Message": null
  }
},
"Metadata": {
  "base": "<p>Describes key/value pairs.</p>",
  "refs": {

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    "MetadataList$member": null
  }
},
"MetadataList": {
  "base": null,
  "refs": {
    "CheckoutBorrowLicenseRequest$CheckoutMetadata": "<p>Information about constraints.</p>",
    "CheckoutBorrowLicenseResponse$CheckoutMetadata": "<p>Information about constraints.</p>",
    "CreateLicenseRequest$LicenseMetadata": "<p>Information about the license.</p>",
    "CreateLicenseVersionRequest$LicenseMetadata": "<p>Information about the license.</p>",
    "GrantedLicense$LicenseMetadata": "<p>Granted license metadata.</p>",
    "License$LicenseMetadata": "<p>License metadata.</p>",
    "LicenseOperationFailure$MetadataList": "<p>Reserved.</p>"
  }
},
"NoEntitlementsAllowedException": {
  "base": "<p>There are no entitlements found for this license, or the entitlement maximum count is reached.</p>",
  "refs": {
  }
},
"Options": {
  "base": "<p>The options you can specify when you create a new version of a grant, such as activation override behavior. For more information, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/granted-licenses.html\">Granted licenses in License Manager</a> in the <i>License Manager User Guide</i>.</p>",
  "refs": {
    "CreateGrantVersionRequest$Options": "<p>The options specified for the grant.</p>",
    "Grant$Options": "<p>The options specified for the grant.</p>"
  }
},
"OrganizationConfiguration": {
  "base": "<p>Configuration information for Organizations.</p>",
  "refs": {
    "GetServiceSettingsResponse$OrganizationConfiguration": "<p>Indicates whether Organizations is integrated with License Manager for cross-account discovery.</p>",
    "UpdateServiceSettingsRequest$OrganizationConfiguration":
"<p>Enables integration with Organizations for cross-account discovery.</p>"
  }
},
"PrincipalArnList": {
  "base": null,
  "refs": {
    "CreateGrantRequest$Principals": "<p>The grant principals. You can specify one of the following as an Amazon Resource Name (ARN):</p> <ul> <li> <p>An Amazon Web Services account, which includes only the account specified.</p> </li> </ul> <ul> <li> <p>An organizational unit (OU), which includes all accounts in the OU.</p> </li> </ul> <ul> <li> <p>An organization, which will include all accounts across your organization.</p> </li> </ul>"
  }
}

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    }
  },
  "ProductInformation": {
    "base": "<p>Describes product information for a license configuration.</p>",
    "refs": {
      "ProductInformationList$member": null
    }
  },
  "ProductInformationFilter": {
    "base": "<p>Describes product information filters.</p>",
    "refs": {
      "ProductInformationFilterList$member":
null
    }
  },
  "ProductInformationFilterList": {
    "base": null,
    "refs": {
      "ProductInformation$ProductInformationFilterList": "<p>A Product information filter consists of a
<code>ProductInformationFilterComparator</code> which is a logical operator, a
<code>ProductInformationFilterName</code> which specifies the type of filter being declared, and a
<code>ProductInformationFilterValue</code> that specifies the value to filter on. </p> <p>Accepted values for
<code>ProductInformationFilterName</code> are listed here along with descriptions and valid options for
<code>ProductInformationFilterComparator</code>. </p> <p>The following filters and are supported when the
resource type is <code>SSM_MANAGED</code>:</p> <ul> <li> <p> <code>Application Name</code> - The
name of the application. Logical operator is <code>EQUALS</code>.</p> </li> <li> <p> <code>Application
Publisher</code> - The publisher of the application. Logical operator is <code>EQUALS</code>.</p>
</li> <li> <p> <code>Application Version</code> - The version of the application. Logical operator is
<code>EQUALS</code>.</p> </li> <li> <p> <code>Platform Name</code> - The name of the platform. Logical
operator is <code>EQUALS</code>.</p> </li> <li> <p> <code>Platform Type</code> - The platform type.
Logical operator is <code>EQUALS</code>.</p> </li> <li> <p> <code>Tag:key</code> - The key of a tag
attached to an Amazon Web Services resource you wish to exclude from automated discovery. Logical operator is
<code>NOT_EQUALS</code>. The key for your tag must be appended to <code>Tag:</code> following the
example: <code>Tag:name-of-your-key</code>. <code>ProductInformationFilterValue</code> is optional if you
are not using values for the key. </p> </li> <li> <p> <code>AccountId</code> - The 12-digit ID of an Amazon
Web Services account you wish to exclude from automated discovery. Logical operator is
<code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>License Included</code> -
The type of license included. Logical operators are <code>EQUALS</code> and <code>NOT_EQUALS</code>.
Possible values are: <code>sql-server-enterprise</code> | <code>sql-server-standard</code> | <code>sql-server-
web</code> | <code>windows-server-datacenter</code>.</p> </li> </ul> <p>The following filters and logical
operators are supported when the resource type is <code>RDS</code>:</p> <ul> <li> <p> <code>Engine
Edition</code> - The edition of the database engine. Logical operator is <code>EQUALS</code>. Possible values
are: <code>oracle-ee</code> | <code>oracle-se</code> | <code>oracle-se1</code> | <code>oracle-se2</code>.</p>
</li> <li> <p> <code>License Pack</code> - The license pack. Logical operator is <code>EQUALS</code>.
Possible values are: <code>data guard</code> | <code>diagnostic pack sqlt</code> | <code>tuning pack
sqlt</code> | <code>ols</code> | <code>olap</code>.</p> </li> </ul>"
    }
  },

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"ProductInformationList": {
  "base": null,
  "refs": {
    "CreateLicenseConfigurationRequest$ProductInformationList":
"<p>Product information.</p>",
    "GetLicenseConfigurationResponse$ProductInformationList": "<p>Product information.</p>",
    "LicenseConfiguration$ProductInformationList": "<p>Product information.</p>",
    "UpdateLicenseConfigurationRequest$ProductInformationList": "<p>New product information.</p>"
  }
},
"ProvisionalConfiguration": {
  "base": "<p>Details about a provisional configuration.</p>",
  "refs": {
    "ConsumptionConfiguration$ProvisionalConfiguration": "<p>Details about a provisional configuration.</p>"
  }
},
"RateLimitExceededException": {
  "base": "<p>Too many requests have been submitted. Try again after a brief wait.</p>",
  "refs": {
  }
},
"ReceivedMetadata": {
  "base": "<p>Metadata associated with received licenses and grants.</p>",
  "refs": {
    "GrantedLicense$ReceivedMetadata": "<p>Granted license received metadata.</p>"
  }
},
"ReceivedStatus": {
  "base": null,
  "refs": {
    "ReceivedMetadata$ReceivedStatus": "<p>Received status.</p>"
  }
},
"RedirectException": {
  "base": "<p>This is not the correct Region for the resource. Try again.</p>",
  "refs": {
  }
},
"RejectGrantRequest": {
  "base": null,
  "refs": {
  }
},
"RejectGrantResponse": {
  "base": null,
  "refs": {
  }
},

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"RenewType": {
  "base": null,
  "refs": {
    "ConsumptionConfiguration$RenewType": "<p>Renewal frequency.</p>"
  }
},
"ReportContext": {
  "base": "<p>Details of the license configuration that this generator reports on.</p>",
  "refs": {
    "CreateLicenseManagerReportGeneratorRequest$ReportContext": "<p>Defines the type of license configuration the report generator tracks.</p>",
    "ReportGenerator$ReportContext": "<p>License configuration type for this generator.</p>",
    "UpdateLicenseManagerReportGeneratorRequest$ReportContext":
"<p>The report context.</p>"
  }
},
"ReportFrequency": {
  "base": "<p>Details about how frequently reports are generated.</p>",
  "refs": {
    "CreateLicenseManagerReportGeneratorRequest$ReportFrequency": "<p>Frequency by which reports are generated. Reports can be generated daily, monthly, or weekly.</p>",
    "ReportGenerator$ReportFrequency": "<p>Details about how frequently reports are generated.</p>",
    "UpdateLicenseManagerReportGeneratorRequest$ReportFrequency": "<p>Frequency by which reports are generated.</p>"
  }
},
"ReportFrequencyType": {
  "base": null,
  "refs": {
    "ReportFrequency$period": "<p>Time period between each report. The period can be daily, weekly, or monthly.</p>"
  }
},
"ReportGenerator": {
  "base": "<p>Describe the details of a report generator.</p>",
  "refs": {
    "GetLicenseManagerReportGeneratorResponse$ReportGenerator":
"<p>A report generator that creates periodic reports about your license configurations.</p>",
    "ReportGeneratorList$member": null
  }
},
"ReportGeneratorList": {
  "base": null,
  "refs": {
    "ListLicenseManagerReportGeneratorsResponse$ReportGenerators": "<p>A report generator that creates periodic reports about your license configurations.</p>"
  }
},

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"ReportGeneratorName": {
  "base": null,
  "refs": {
    "CreateLicenseManagerReportGeneratorRequest$ReportGeneratorName": "<p>Name of the report
generator.</p>",
    "UpdateLicenseManagerReportGeneratorRequest$ReportGeneratorName": "<p>Name of the report
generator.</p>"
  }
},
"ReportType": {
  "base": null,
  "refs": {
    "ReportTypeList$member": null
  }
},
"ReportTypeList": {
  "base": null,
  "refs": {
    "CreateLicenseManagerReportGeneratorRequest$Type": "<p>Type of reports to generate. The following report
types an
be generated:</p> <ul> <li> <p>License configuration report - Reports the number and details of consumed
licenses for a license configuration.</p> </li> <li> <p>Resource report - Reports the tracked licenses and resource
consumption for a license configuration.</p> </li> </ul>",
    "ReportGenerator$ReportType": "<p>Type of reports that are generated.</p>",
    "UpdateLicenseManagerReportGeneratorRequest$Type": "<p>Type of reports to generate. The following
report types are supported:</p> <ul> <li> <p>License configuration report - Reports the number and details of
consumed licenses for a license configuration.</p> </li> <li> <p>Resource report - Reports the tracked licenses and
resource consumption for a license configuration.</p> </li> </ul>"
  }
},
"ResourceInventory": {
  "base": "<p>Details about a resource.</p>",
  "refs": {
    "ResourceInventoryList$member": null
  }
},
"ResourceInventoryList": {
  "base": null,
  "refs": {
    "ListResourceInventoryResponse$ResourceInventoryList": "<p>Information about the resources.</p>"
  }
},
"ResourceLimitExceededException": {
  "base": "<p>Your resource limits have been exceeded.</p>",
  "refs": {
  }
},
"ResourceNotFoundException": {

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"base": "<p>The resource cannot be found.</p>",
"refs": {
}
},
"ResourceType": {
"base": null,
"refs": {
"ConsumedLicenseSummary$ResourceType": "<p>Resource type of the resource consuming a license.</p>",
"LicenseConfigurationAssociation$ResourceType": "<p>Type of server resource.</p>",
"LicenseConfigurationUsage$ResourceType": "<p>Type of resource.</p>",
"LicenseOperationFailure$ResourceType": "<p>Resource type.</p>",
"ManagedResourceSummary$ResourceType": "<p>Type of resource associated with a license.</p>",
"ResourceInventory$ResourceType": "<p>Type of resource.</p>"
}
},
"S3Location": {
"base":
"<p>Details of the S3 bucket that report generator reports are published to.</p>",
"refs": {
"ReportGenerator$S3Location": "<p>Details of the S3 bucket that report generator reports are published
to.</p>"
}
},
"ServerInternalException": {
"base": "<p>The server experienced an internal error. Try again.</p>",
"refs": {
}
},
"SignedToken": {
"base": null,
"refs": {
"CheckoutBorrowLicenseResponse$SignedToken": "<p>Signed token.</p>",
"CheckoutLicenseResponse$SignedToken": "<p>Signed token.</p>"
}
},
"StatusReasonMessage": {
"base": null,
"refs": {
"CreateGrantVersionRequest$StatusReason": "<p>Grant status reason.</p>",
>DeleteGrantRequest$StatusReason": "<p>The Status reason for the delete request.</p>",
"Grant$StatusReason": "<p>Grant status reason.</p>",
"ReceivedMetadata$ReceivedStatusReason": "<p>Received status reason.</p>"
}
},
"String": {
"base": null,
"refs": {

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"AcceptGrantResponse\$Version": "<p>Grant version.</p>",

"CheckInLicenseRequest\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckInLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CheckoutBorrowLicenseRequest\$NodeId": "<p>Node ID.</p>",

"CheckoutBorrowLicenseResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckoutBorrowLicenseResponse\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseRequest\$ProductSKU": "<p>Product SKU.</p>",

"CheckoutLicenseRequest\$KeyFingerprint": "<p>Key fingerprint identifying the license.</p>",

"CheckoutLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CheckoutLicenseRequest\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckoutLicenseResponse\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseResponse\$LicenseArn":

<p>Amazon Resource Name (ARN) of the checkout license.</p>",

"CreateGrantRequest\$GrantName": "<p>Grant name.</p>",

"CreateGrantRequest\$HomeRegion": "<p>Home Region of the grant.</p>",

"CreateGrantResponse\$Version": "<p>Grant version.</p>",

"CreateGrantVersionRequest\$GrantName": "<p>Grant name.</p>",

"CreateGrantVersionRequest\$SourceVersion": "<p>Current version of the grant.</p>",

"CreateGrantVersionResponse\$Version": "<p>New version of the grant.</p>",

"CreateLicenseConfigurationRequest\$Name": "<p>Name of the license configuration.</p>",

"CreateLicenseConfigurationRequest\$Description": "<p>Description of the license configuration.</p>",

"CreateLicenseConfigurationResponse\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"CreateLicenseManagerReportGeneratorRequest\$Description": "<p>Description of the report generator.</p>",

"CreateLicenseManagerReportGeneratorResponse\$LicenseManagerReportGeneratorArn":

<p>The Amazon Resource Name (ARN) of the new report generator.</p>",

"CreateLicenseRequest\$LicenseName": "<p>License name.</p>",

"CreateLicenseRequest\$ProductName": "<p>Product name.</p>",

"CreateLicenseRequest\$ProductSKU": "<p>Product SKU.</p>",

"CreateLicenseRequest\$HomeRegion": "<p>Home Region for the license.</p>",

"CreateLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CreateLicenseResponse\$Version": "<p>License version.</p>",

"CreateLicenseVersionRequest\$LicenseName": "<p>License name.</p>",

"CreateLicenseVersionRequest\$ProductName": "<p>Product name.</p>",

"CreateLicenseVersionRequest\$HomeRegion": "<p>Home Region of the license.</p>",

"CreateLicenseVersionRequest\$SourceVersion": "<p>Current version of the license.</p>",

"CreateLicenseVersionResponse\$Version": "<p>New version of the license.</p>",

"CreateTokenResponse\$TokenId":

<p>Token ID.</p>",

"DeleteGrantRequest\$Version": "<p>Current version of the grant.</p>",

"DeleteGrantResponse\$Version": "<p>Grant version.</p>",

"DeleteLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>ID of the license configuration.</p>",

"DeleteLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator to be deleted.</p>",

"DeleteLicenseRequest\$SourceVersion": "<p>Current version of the license.</p>",

"DeleteTokenRequest\$TokenId": "<p>Token ID.</p>",

"Entitlement\$Name": "<p>Entitlement name.</p>",



"Entitlement\$Value": "<p>Entitlement resource. Use only if the unit is None.</p>",

"EntitlementData\$Name": "<p>Entitlement data name.</p>",

"EntitlementData\$Value": "<p>Entitlement data value.</p>",

"EntitlementUsage\$Name": "<p>Entitlement usage name.</p>",

"EntitlementUsage\$ConsumedValue":

"<p>Resource usage consumed.</p>",

"EntitlementUsage\$MaxCount": "<p>Maximum entitlement usage count.</p>",

"ExtendLicenseConsumptionRequest\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"ExtendLicenseConsumptionResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"FailedDependencyException\$ErrorCode": null,

"GetGrantRequest\$Version": "<p>Grant version.</p>",

"GetLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"GetLicenseConfigurationResponse\$LicenseConfigurationId": "<p>Unique ID for the license configuration.</p>",

"GetLicenseConfigurationResponse\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Name": "<p>Name of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Description": "<p>Description of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Status": "<p>License configuration status.</p>",

"GetLicenseConfigurationResponse\$OwnerAccountId": "<p>Account ID of the owner of the license configuration.</p>",

"GetLicenseConversionTaskResponse\$ResourceArn": "<p>Amazon Resource Names (ARN) of the resources the license conversion task is associated with.</p>",

"GetLicenseConversionTaskResponse\$StatusMessage": "<p>The status message for the conversion task.</p>",

"GetLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator.</p>",

"GetLicenseRequest\$Version": "<p>License version.</p>",

"GetServiceSettingsResponse\$S3BucketArn": "<p>Regional S3 bucket path for storing reports, license trail event data, discovery data, and so on.</p>",

"GetServiceSettingsResponse\$SnsTopicArn": "<p>SNS topic configured to receive notifications from License Manager.</p>",

"GetServiceSettingsResponse\$LicenseManagerResourceShareArn": "<p>Amazon Resource Name (ARN) of the resource share. The License Manager management account provides member accounts with access to this share.</p>",

"Grant\$GrantName": "<p>Grant name.</p>",

"Grant\$HomeRegion": "<p>Home Region of the grant.</p>",

"Grant\$Version": "<p>Grant version.</p>",

"GrantedLicense\$LicenseName": "<p>License name.</p>",

"GrantedLicense\$ProductName": "<p>Product name.</p>",

"GrantedLicense\$ProductSKU": "<p>Product SKU.</p>",

"GrantedLicense\$HomeRegion": "<p>Home Region of the granted license.</p>",

"GrantedLicense\$Beneficiary": "<p>Granted license beneficiary.</p>",

"GrantedLicense\$Version": "<p>Version of the granted license.</p>",

"InventoryFilter\$Name": "<p>Name of the filter.</p>",

"InventoryFilter\$Value": "<p>Value of the filter.</p>",

"Issuer\$Name": "<p>Issuer name.</p>",

"Issuer\$SignKey":  
 "<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>",  
 "IssuerDetails\$Name": "<p>Issuer name.</p>",  
 "IssuerDetails\$SignKey": "<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>",  
 "IssuerDetails\$KeyFingerprint": "<p>Issuer key fingerprint.</p>",  
 "License\$LicenseName": "<p>License name.</p>",  
 "License\$ProductName": "<p>Product name.</p>",  
 "License\$ProductSKU": "<p>Product SKU.</p>",  
 "License\$HomeRegion": "<p>Home Region of the license.</p>",  
 "License\$Beneficiary": "<p>License beneficiary.</p>",  
 "License\$Version": "<p>License version.</p>",  
 "LicenseConfiguration\$LicenseConfigurationId": "<p>Unique ID of the license configuration.</p>",  
 "LicenseConfiguration\$LicenseConfigurationArn":  
 "<p>Amazon Resource Name (ARN) of the license configuration.</p>",  
 "LicenseConfiguration\$Name": "<p>Name of the license configuration.</p>",  
 "LicenseConfiguration\$Description": "<p>Description of the license configuration.</p>",  
 "LicenseConfiguration\$Status": "<p>Status of the license configuration.</p>",  
 "LicenseConfiguration\$OwnerAccountId": "<p>Account ID of the license configuration's owner.</p>",  
 "LicenseConfigurationAssociation\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseConfigurationAssociation\$ResourceOwnerId": "<p>ID of the Amazon Web Services account that owns the resource consuming licenses.</p>",  
 "LicenseConfigurationAssociation\$AmiAssociationScope": "<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>",  
 "LicenseConfigurationUsage\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseConfigurationUsage\$ResourceStatus":  
 "<p>Status of the resource.</p>",  
 "LicenseConfigurationUsage\$ResourceOwnerId": "<p>ID of the account that owns the resource.</p>",  
 "LicenseConversionTask\$ResourceArn": "<p>The Amazon Resource Name (ARN) of the resource associated with the license type conversion task.</p>",  
 "LicenseConversionTask\$StatusMessage": "<p>The status message for the conversion task.</p>",  
 "LicenseOperationFailure\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseOperationFailure\$ErrorMessage": "<p>Error message.</p>",  
 "LicenseOperationFailure\$OperationName": "<p>Name of the operation.</p>",  
 "LicenseOperationFailure\$ResourceOwnerId": "<p>ID of the Amazon Web Services account that owns the resource.</p>",  
 "LicenseOperationFailure\$OperationRequestedBy": "<p>The requester is \"License Manager Automated Discovery\".</p>",  
 "LicenseSpecification\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",  
 "LicenseSpecification\$AmiAssociationScope": "<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>",  
 "ListAssociationsForLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of a license configuration.</p>",  
 "ListAssociationsForLicenseConfigurationRequest\$NextToken": "<p>Token for the next set of results.</p>",  
 "ListAssociationsForLicenseConfigurationResponse\$NextToken": "<p>Token for the next set of results.</p>",  
 "ListDistributedGrantsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListDistributedGrantsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name of the license configuration.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListFailuresForLicenseConfigurationOperationsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConfigurationsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConfigurationsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConversionTasksRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConversionTasksResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseManagerReportGeneratorsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseManagerReportGeneratorsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseSpecificationsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of a resource that has an associated license configuration.</p>",

"ListLicenseSpecificationsForResourceRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseSpecificationsForResourceResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseVersionsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseVersionsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicensesRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicensesResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsForOrganizationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsForOrganizationResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesForOrganizationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesForOrganizationResponse\$NextToken":

"<p>Token for the next set of results.</p>",

"ListReceivedLicensesRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListResourceInventoryRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListResourceInventoryResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListTagsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"ListTokensRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListTokensResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListUsageForLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"ListUsageForLicenseConfigurationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListUsageForLicenseConfigurationResponse\$NextToken": "<p>Token for the next set of results.</p>",

"MaxSize3StringList\$member": null,

"Metadata\$Name": "<p>The key name.</p>",

"Metadata\$Value": "<p>The value.</p>",

"ProductInformation\$ResourceType": "<p>Resource type. The possible values are <code>SSM\_MANAGED</code> | <code>RDS</code>.</p>",

"ProductInformationFilter\$ProductInformationFilterName": "<p>Filter name.</p>",

"ProductInformationFilter\$ProductInformationFilterComparator": "<p>Logical operator.</p>",

"RejectGrantResponse\$Version": "<p>Grant version.</p>",

"ReportGenerator\$ReportGeneratorName": "<p>Name of the report generator.</p>",

"ReportGenerator\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator.</p>",

"ReportGenerator\$LastRunStatus": "<p>Status of the last report generation attempt.</p>",

"ReportGenerator\$LastRunFailureReason": "<p>Failure message for the last report generation attempt.</p>",

"ReportGenerator\$LastReportGenerationTime": "<p>Time the last report was generated at.</p>",

"ReportGenerator\$ReportCreatorAccount": "<p>The Amazon Web Services account ID used to create the report generator.</p>",

"ReportGenerator\$Description": "<p>Description of the report generator.</p>",

"ReportGenerator\$CreateTime": "<p>Time the report was created.</p>",

"ResourceInventory\$ResourceId": "<p>ID of the resource.</p>",

"ResourceInventory\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",

"ResourceInventory\$Platform": "<p>Platform of the resource.</p>",

"ResourceInventory\$PlatformVersion": "<p>Platform version of the resource in the inventory.</p>",

"ResourceInventory\$ResourceOwningAccountId": "<p>ID of the account that owns the resource.</p>",

"S3Location\$bucket": "<p>Name of the S3 bucket reports are published to.</p>",

"S3Location\$keyPrefix": "<p>Prefix of the S3 bucket reports are published to.</p>",

"StringList\$member": null,

"Tag\$Key": "<p>Tag key.</p>",

"Tag\$Value": "<p>Tag value.</p>",

"TagKeyList\$member": null,

"TagResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"TokenData\$TokenId": "<p>Token ID.</p>",

"TokenData\$TokenType": "<p>Type of token generated. The supported value is <code>REFRESH\_TOKEN</code>.</p>",

"TokenData\$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",

"TokenData\$Status": "<p>Token status. The possible values are <code>AVAILABLE</code> and <code>DELETED</code>.</p>",

"UntagResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$Name": "<p>New name of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$Description": "<p>New description of the license configuration.</p>",

"UpdateLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator to update.</p>",

"UpdateLicenseManagerReportGeneratorRequest\$Description": "<p>Description of the report generator.</p>",

"UpdateLicenseSpecificationsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the Amazon Web Services resource.</p>",

"UpdateServiceSettingsRequest\$S3BucketArn": "<p>Amazon Resource Name (ARN) of the Amazon S3 bucket where the License Manager information is stored.</p>",

"UpdateServiceSettingsRequest\$SnsTopicArn": "<p>Amazon Resource Name (ARN) of the Amazon SNS topic used for License Manager alerts.</p>"

}

```

},
"StringList": {
  "base": null,
  "refs": {
    "CreateLicenseConfigurationRequest$LicenseRules":
      "<p>License rules. The syntax is #name=value (for example, #allowedTenancy=EC2-DedicatedHost). The
      available rules vary by dimension, as follows.</p>
      <ul>
      <li><p> <code>Cores</code> dimension:
      <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumCores</code> |
      <code>minimumCores</code> </p> </li>
      <li><p> <code>Instances</code> dimension:
      <code>allowedTenancy</code> | <code>maximumCores</code> | <code>minimumCores</code> |
      <code>maximumSockets</code> | <code>minimumSockets</code> | <code>maximumVcpus</code> |
      <code>minimumVcpus</code> </p> </li>
      <li><p> <code>Sockets</code> dimension:
      <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumSockets</code> |
      <code>minimumSockets</code> </p> </li>
      <li><p> <code>vCPUs</code> dimension:
      <code>allowedTenancy</code> | <code>honorVcpuOptimization</code> | <code>maximumVcpus</code> |
      <code>minimumVcpus</code> </p> </li>
      </ul>
      <p>The unit for <code>licenseAffinityToHost</code>
      is days and the range is 1 to 180. The possible values for <code>allowedTenancy</code> are <code>EC2-
      Default</code>, <code>EC2-DedicatedHost</code>, and <code>EC2-DedicatedInstance</code>. The possible
      values for <code>honorVcpuOptimization</code> are <code>True</code> and <code>False</code>.</p>",
    "GetLicenseConfigurationResponse$LicenseRules": "<p>License rules.</p>",
    "LicenseConfiguration$LicenseRules": "<p>License rules.</p>",
    "ListLicenseConfigurationsRequest$LicenseConfigurationArns": "<p>Amazon Resource Names (ARN) of the
    license configurations.</p>",
    "ListTokensRequest$TokenIds": "<p>Token IDs.</p>",
    "ProductInformationFilter$ProductInformationFilterValue": "<p>Filter value.</p>",
    "UpdateLicenseConfigurationRequest$LicenseRules": "<p>New license rule. The only rule that you can add
    after you create a license configuration is licenseAffinityToHost.</p>"
  }
}
},
"Tag": {
  "base": "<p>Details about a tag
for a license configuration.</p>",
  "refs": {
    "TagList$member": null
  }
},
"TagKeyList": {
  "base": null,
  "refs": {
    "UntagResourceRequest$TagKeys": "<p>Keys identifying the tags to remove.</p>"
  }
},
"TagList": {
  "base": null,
  "refs": {
    "CreateLicenseConfigurationRequest$Tags": "<p>Tags to add to the license configuration.</p>",
    "CreateLicenseManagerReportGeneratorRequest$Tags": "<p>Tags to add to the report generator.</p>",
    "GetLicenseConfigurationResponse$Tags": "<p>Tags for the license configuration.</p>",
  }
}

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    "ListTagsForResourceResponse$Tags": "<p>Information about the tags.</p>",
    "ReportGenerator$Tags": "<p>Tags associated with the report generator.</p>",
    "TagResourceRequest$Tags": "<p>One or more tags.</p>"
  }
},
"TagResourceRequest": {
  "base": null,
  "refs": {
  }
},
"TagResourceResponse": {
  "base": null,
  "refs": {

  }
},
"TokenData": {
  "base": "<p>Describes a token.</p>",
  "refs": {
    "TokenList$member": null
  }
},
"TokenList": {
  "base": null,
  "refs": {
    "ListTokensResponse$Tokens": "<p>Received token details.</p>"
  }
},
"TokenString": {
  "base": null,
  "refs": {
    "CreateTokenResponse$Token": "<p>Refresh token, encoded as a JWT token.</p>",
    "GetAccessTokenRequest$Token": "<p>Refresh token, encoded as a JWT token.</p>",
    "GetAccessTokenResponse$AccessToken": "<p>Temporary access token.</p>"
  }
},
"TokenType": {
  "base": null,
  "refs": {
    "CreateTokenResponse$TokenType": "<p>Token type.</p>"
  }
},
"UnsupportedDigitalSignatureMethodException": {
  "base": "<p>The digital signature method is unsupported. Try your request again.</p>",
  "refs": {
  }
},
"UntagResourceRequest": {

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"base": null,
"refs": {
}
},
"UntagResourceResponse":
{
  "base": null,
  "refs": {
  }
},
"UpdateLicenseConfigurationRequest": {
  "base": null,
  "refs": {
  }
},
"UpdateLicenseConfigurationResponse": {
  "base": null,
  "refs": {
  }
},
"UpdateLicenseManagerReportGeneratorRequest": {
  "base": null,
  "refs": {
  }
},
"UpdateLicenseManagerReportGeneratorResponse": {
  "base": null,
  "refs": {
  }
},
"UpdateLicenseSpecificationsForResourceRequest": {
  "base": null,
  "refs": {
  }
},
"UpdateLicenseSpecificationsForResourceResponse": {
  "base": null,
  "refs": {
  }
},
"UpdateServiceSettingsRequest": {
  "base": null,
  "refs": {
  }
},
"UpdateServiceSettingsResponse": {
  "base": null,
  "refs": {
  }
}
```

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    }
  },
  "UsageOperation": {
    "base": null,
    "refs": {
      "LicenseConversionContext$UsageOperation": "<p>The Usage operation value
that corresponds to the license type you are converting your resource from. For more information about which
platforms correspond to which usage operation values see <a
href=\"https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/billing-info-fields.html#billing-info\">Sample
data: usage operation by platform </a> </p>"
    }
  },
  "ValidationException": {
    "base": "<p>The provided input is not valid. Try your request again.</p>",
    "refs": {
    }
  }
}
{
  "testCases": [
    {
      "documentation": "For region af-south-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager.af-south-1.amazonaws.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Region": "af-south-1"
      }
    },
    {
      "documentation": "For region ap-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager.ap-east-1.amazonaws.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Region": "ap-east-1"
      }
    }
  ]
}

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"documentation": "For region ap-northeast-1 with FIPS disabled and DualStack disabled",

"expect": {
  "endpoint": {
    "url": "https://license-manager.ap-northeast-1.amazonaws.com"
  }
},
"params": {
  "UseFIPS": false,
  "UseDualStack": false,
  "Region": "ap-northeast-1"
}
},
{
"documentation": "For region ap-northeast-2 with FIPS disabled and DualStack disabled",
"expect": {
  "endpoint": {
    "url": "https://license-manager.ap-northeast-2.amazonaws.com"
  }
},
"params": {
  "UseFIPS": false,
  "UseDualStack": false,
  "Region": "ap-northeast-2"
}
},
{
"documentation": "For region ap-northeast-3 with FIPS disabled and DualStack disabled",
"expect": {
  "endpoint": {
    "url": "https://license-manager.ap-northeast-3.amazonaws.com"
  }
},
"params": {
  "UseFIPS": false,
  "UseDualStack": false,
  "Region": "ap-northeast-3"
}
},
{
"documentation": "For region ap-south-1 with FIPS disabled and DualStack disabled",
"expect": {
  "endpoint": {
    "url": "https://license-manager.ap-south-1.amazonaws.com"
  }
},
"params": {
  "UseFIPS": false,

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        "UseDualStack": false,
        "Region": "ap-south-1"
    }
},
{
    "documentation": "For region ap-southeast-1 with FIPS disabled and DualStack disabled",
    "expect": {
        "endpoint": {
            "url": "https://license-manager.ap-southeast-1.amazonaws.com"
        }
    },
    "params": {
        "UseFIPS": false,
        "UseDualStack":
false,
        "Region": "ap-southeast-1"
    }
},
{
    "documentation": "For region ap-southeast-2 with FIPS disabled and DualStack disabled",
    "expect": {
        "endpoint": {
            "url": "https://license-manager.ap-southeast-2.amazonaws.com"
        }
    },
    "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Region": "ap-southeast-2"
    }
},
{
    "documentation": "For region ap-southeast-3 with FIPS disabled and DualStack disabled",
    "expect": {
        "endpoint": {
            "url": "https://license-manager.ap-southeast-3.amazonaws.com"
        }
    },
    "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Region": "ap-southeast-3"
    }
},
{
    "documentation":
"For region ca-central-1 with FIPS disabled and DualStack disabled",
    "expect": {

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    "endpoint": {
      "url": "https://license-manager.ca-central-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "ca-central-1"
  }
},
{
  "documentation": "For region eu-central-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.eu-central-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "eu-central-1"
  }
},
{
  "documentation": "For region eu-north-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.eu-north-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "eu-north-1"
  }
},
{
  "documentation": "For region eu-south-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.eu-south-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "eu-south-1"
  }
}

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    }
  },
  {
    "documentation": "For region eu-west-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager.eu-west-1.amazonaws.com"
      }
    },
    "params":
  {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "eu-west-1"
  }
},
  {
    "documentation": "For region eu-west-2 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager.eu-west-2.amazonaws.com"
      }
    },
    "params": {
      "UseFIPS": false,
      "UseDualStack": false,
      "Region": "eu-west-2"
    }
},
  {
    "documentation": "For region eu-west-3 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager.eu-west-3.amazonaws.com"
      }
    },
    "params": {
      "UseFIPS": false,
      "UseDualStack": false,
      "Region": "eu-west-3"
    }
},
  {
    "documentation": "For region me-south-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager.me-south-1.amazonaws.com"
      }
    }
  }
}

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    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "me-south-1"
  }
},
{
  "documentation": "For region sa-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.sa-east-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "sa-east-1"
  }
},
{
  "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-east-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-east-1"
  }
},
{
  "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-east-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-east-1"
  }
},

```

```

{
  "documentation": "For region us-east-2 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-east-2.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-east-2"
  }
},
{
  "documentation": "For region us-east-2 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-east-2.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-east-2"
  }
},
{
  "documentation": "For region us-west-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-west-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-west-1"
  }
},
{
  "documentation": "For region us-west-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-west-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-west-1"
  }
}
}

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```

"params": {
  "UseFIPS": true,
  "UseDualStack": false,
  "Region": "us-west-1"
}
},
{
  "documentation": "For region us-west-2 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-west-2.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-west-2"
  }
},
{
  "documentation": "For region us-west-2 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-west-2.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-west-2"
  }
},
{
  "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-east-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": true,
    "Region": "us-east-1"
  }
},
{
  "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",

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"expect": {
  "endpoint": {
    "url": "https://license-manager.us-east-1.api.aws"
  }
},

"params": {
  "UseFIPS": false,
  "UseDualStack": true,
  "Region": "us-east-1"
}
},
{
  "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.cn-north-1.amazonaws.com.cn"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "cn-north-1"
  }
},
{
  "documentation": "For region cn-northwest-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.cn-northwest-1.amazonaws.com.cn"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "cn-northwest-1"
  }
},
{
  "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.cn-north-1.api.amazonwebservices.com.cn"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": true,

```



```

    "Region": "cn-north-1"
  }
},
{
  "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.cn-north-1.amazonaws.com.cn"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "cn-north-1"
  }
},
{
  "documentation": "For region cn-north-1 with FIPS disabled
and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.cn-north-1.api.amazonwebservices.com.cn"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": true,
    "Region": "cn-north-1"
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-gov-east-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-gov-east-1"
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-gov-east-1.amazonaws.com"
    }
  }
}

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```

    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-gov-east-1"
  }
},
{
  "documentation": "For region us-gov-west-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-gov-west-1.amazonaws.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-gov-west-1"
  }
},
{
  "documentation": "For region us-gov-west-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-gov-west-1.amazonaws.com"
    }
  },
  "params": {

    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-gov-west-1"
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-gov-east-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": true,
    "Region": "us-gov-east-1"
  }
},

```

```

{
  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-gov-east-1.api.aws"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": true,
    "Region": "us-gov-east-1"
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-iso-east-1.c2s.ic.gov"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-iso-east-1"
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": true,
    "Region": "us-iso-east-1"
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-iso-east-1.c2s.ic.gov"
    }
  },
  "params": {
    "UseFIPS": true,

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    "UseDualStack": false,
    "Region": "us-iso-east-1"
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "error": "DualStack is enabled but this partition does not support DualStack"
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": true,
    "Region": "us-iso-east-1"
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager.us-isob-east-1.sc2s.sgov.gov"
    }
  },
  "params":
{
  "UseFIPS": false,
  "UseDualStack": false,
  "Region": "us-isob-east-1"
}
},
{
  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
  },
  "params": {
    "UseFIPS": true,
    "UseDualStack": true,
    "Region": "us-isob-east-1"
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-fips.us-isob-east-1.sc2s.sgov.gov"
    }
  },
  "params": {

```

```

    "UseFIPS": true,
    "UseDualStack": false,
    "Region": "us-isob-east-1"
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "error": "DualStack is enabled but this partition does not support DualStack"
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": true,
    "Region": "us-isob-east-1"
  }
},
{
  "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
  "expect": {
    "endpoint": {
      "url": "https://example.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Region": "us-east-1",
    "Endpoint": "https://example.com"
  }
},
{
  "documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
  "expect": {
    "endpoint": {
      "url": "https://example.com"
    }
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": false,
    "Endpoint": "https://example.com"
  }
},
{
  "documentation": "For custom endpoint with fips enabled and dualstack disabled",
  "expect": {
    "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
  },
},

```

```

"params": {
  "UseFIPS": true,
  "UseDualStack": false,
  "Region": "us-east-1",
  "Endpoint": "https://example.com"
}
},
{
  "documentation": "For custom endpoint with fips disabled and dualstack enabled",
  "expect": {
    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
  },
  "params": {
    "UseFIPS": false,
    "UseDualStack": true,
    "Region": "us-east-1",
    "Endpoint": "https://example.com"
  }
},
{
  "documentation": "Missing region",
  "expect": {
    "error": "Invalid Configuration: Missing Region"
  }
}
],
"version": "1.0"
}
{
  "version": "1.0",
  "parameters": {
    "Region": {
      "builtIn": "AWS::Region",
      "required": false,
      "documentation": "The AWS region used to dispatch the request.",
      "type": "String"
    },
    "UseDualStack": {
      "builtIn": "AWS::UseDualStack",
      "required": true,
      "default": false,
      "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-
stack, dispatching the request MAY return an error.",
      "type": "Boolean"
    },
    "UseFIPS": {
      "builtIn": "AWS::UseFIPS",
      "required": true,

```

```

    "default": false,
    "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured
endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
    "type": "Boolean"
  },
  "Endpoint": {
    "builtIn": "SDK::Endpoint",
    "required": false,
    "documentation": "Override the endpoint used to send this request",
    "type": "String"
  }
},
"rules": [
  {
    "conditions": [
      {
        "fn": "isSet",
        "argv": [
          {
            "ref": "Endpoint"
          }
        ]
      }
    ]
  }
],
"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          {
            "ref": "UseFIPS"
          },
          true
        ]
      }
    ]
  },
  {
    "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
    "type": "error"
  }
],
{
  "conditions": [],
  "rules": [
    {
      "conditions": [
        {
          "fn": "booleanEquals",

```

```

        "argv": [
            {
                "ref": "UseDualStack"
            },
            true
        ]
    },
    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
    "type": "error"
},
{
    "conditions": [],
    "endpoint": {
        "url": {
            "ref": "Endpoint"
        },
        "properties": {},
        "headers": {}
    },
    "type": "endpoint"
}
],
"type": "tree"
}
],
"type": "tree"
},
{
    "conditions": [],
    "rules": [
        {
            "conditions": [
                {
                    "fn": "isSet",
                    "argv": [
                        {
                            "ref": "Region"
                        }
                    ]
                }
            ]
        }
    ],
    "rules": [
        {
            "conditions": [
                {

```



```

"fn": "aws.partition",
  "argv": [
    {
      "ref": "Region"
    }
  ],
  "assign": "PartitionResult"
}
],
"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          {
            "ref": "UseFIPS"
          }
        ],
        true
      }
    ]
  },
  {
    "fn": "booleanEquals",
    "argv": [
      {
        "ref": "UseDualStack"
      }
    ],
    true
  }
],
"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          true,
          {

```

```

"fn": "getAttr",
  "argv": [
    {
      "ref": "PartitionResult"
    }
  ],
  "supportsFIPS"
]

```

```

    }
  ]
},
{
  "fn": "booleanEquals",
  "argv": [
    true,
    {
      "fn": "getAttr",
      "argv": [
        {
          "ref": "PartitionResult"
        },
        "supportsDualStack"
      ]
    }
  ]
},
],
"rules": [
  {
    "conditions": [],
    "rules": [
      {
        "conditions": [],
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
          "properties": {},
          "headers": {}
        },
        "type": "endpoint"
      }
    ],
    "type": "tree"
  }
],
"type": "tree"
},
{
  "conditions": [],
  "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
  "type": "error"
}

```

```

    ],
    "type": "tree"
  },
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          {
            "ref": "UseFIPS"
          },
          true
        ]
      }
    ],
    "rules": [
      {
        "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
              {
                "fn": "getAttr",
                "argv": [
                  {
                    "ref": "PartitionResult"
                  },
                  "supportsFIPS"
                ]
              }
            ]
          }
        ],
        true
      }
    ],
    "rules": [
      {
        "conditions": [],
        "rules": [
          {
            "conditions": [],
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
              "properties": {},
              "headers": {}
            }
          }
        ]
      }
    ]
  }
}

```

```

    },
    "type": "endpoint"
  }
],
"type": "tree"
}
],
"type": "tree"
},
{
  "conditions": [],
  "error": "FIPS is enabled but this partition does not support FIPS",
  "type": "error"
}
],
"type": "tree"
},
{
  "conditions": [
    {
      "fn": "booleanEquals",
      "argv": [
        {
          "ref": "UseDualStack"
        },
        true
      ]
    }
  ],
  "rules": [
    {
      "conditions": [
        {
          "fn": "booleanEquals",
          "argv": [
            true,
            {
              "fn": "getAttr",
              "argv": [
                {
                  "ref": "PartitionResult"
                },
                "supportsDualStack"
              ]
            }
          ]
        }
      ]
    }
  ]
}

```

```

    }
  ],
  "rules": [
    {
      "conditions": [],
      "rules": [
        {
          "conditions": [],
          "endpoint": {
            "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
            "properties": {},
            "headers": {}
          },
          "type": "endpoint"
        }
      ],
      "type": "tree"
    }
  ],
  "type": "tree"
},
{
  "conditions": [],
  "error": "DualStack is enabled but this partition does not support DualStack",
  "type": "error"
}
],
"type": "tree"
},
{
  "conditions": [],
  "rules": [
    {
      "conditions": [],
      "endpoint": {
        "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
        "properties": {},
        "headers": {}
      },
      "type": "endpoint"
    }
  ],
  "type": "tree"
}

```

```

        }
    ],
    "type": "tree"
}
],
"type": "tree"
},
{
    "conditions": [],
    "error": "Invalid Configuration: Missing Region",
    "type": "error"
}
],
"type": "tree"
}
]
}
{
    "pagination": {
        "ListLinuxSubscriptionInstances": {
            "input_token": "NextToken",
            "output_token": "NextToken",
            "limit_key": "MaxResults",
            "result_key": "Instances"
        },
        "ListLinuxSubscriptions": {
            "input_token": "NextToken",
            "output_token": "NextToken",
            "limit_key": "MaxResults",
            "result_key": "Subscriptions"
        },
        "ListRegisteredSubscriptionProviders": {
            "input_token": "NextToken",
            "output_token": "NextToken",
            "limit_key": "MaxResults",
            "result_key": "RegisteredSubscriptionProviders"
        }
    }
}
{
    "version": "1.0",
    "examples": {
    }
}
{
    "pagination": {
        "ListIdentityProviders": {
            "input_token": "NextToken",

```

```

    "output_token": "NextToken",
    "limit_key": "MaxResults",
    "result_key": "IdentityProviderSummaries"
  },
  "ListInstances": {
    "input_token": "NextToken",
    "output_token": "NextToken",
    "limit_key": "MaxResults",
    "result_key": "InstanceSummaries"
  },
  "ListProductSubscriptions": {
    "input_token": "NextToken",
    "output_token": "NextToken",
    "limit_key": "MaxResults",
    "result_key": "ProductUserSummaries"
  },
  "ListUserAssociations": {
    "input_token": "NextToken",
    "output_token": "NextToken",
    "limit_key": "MaxResults",
    "result_key": "InstanceUserSummaries"
  }
}
}
}

```

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```
{
  "version":"2.0",
  "metadata":{
    "apiVersion":"2018-05-10",
    "endpointPrefix":"license-manager-user-subscriptions",
    "jsonVersion":"1.1",
    "protocol":"rest-json",
    "serviceFullName":"AWS License Manager User Subscriptions",
    "serviceId":"License Manager User Subscriptions",
    "signatureVersion":"v4",
    "signingName":"license-manager-user-subscriptions",
    "uid":"license-manager-user-subscriptions-2018-05-10"
  },
  "operations":{
    "AssociateUser":{
      "name":"AssociateUser",
      "http":{
        "method":"POST",
        "requestUri":"/user/AssociateUser",
        "responseCode":200
      },
      "input":{"shape":"AssociateUserRequest"},
      "output":{"shape":"AssociateUserResponse"},
      "errors":[
        {"shape":"ServiceQuotaExceededException"},
        {"shape":"ConflictException"},
        {"shape":"ValidationException"},
        {"shape":"ThrottlingException"},
        {"shape":"InternalServerError"},
        {"shape":"ResourceNotFoundException"},
        {"shape":"AccessDeniedException"}
      ],
      "idempotent":true
    },
    "DeregisterIdentityProvider":{
      "name":"DeregisterIdentityProvider",
      "http":{
        "method":"POST",
        "requestUri":"/identity-provider/DeregisterIdentityProvider",
        "responseCode":200
      },
      "input":{"shape":"DeregisterIdentityProviderRequest"},
      "output":{"shape":"DeregisterIdentityProviderResponse"},
      "errors":[]
    }
  }
}
```



```

    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ],
  "idempotent":true
},
"DisassociateUser":{
  "name":"DisassociateUser",
  "http":{
    "method":"POST",
    "requestUri":"/user/DisassociateUser",
    "responseCode":200
  },
  "input":{"shape":"DisassociateUserRequest"},
  "output":{"shape":"DisassociateUserResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ],
  "idempotent":true
},
>ListIdentityProviders":{
  "name":"ListIdentityProviders",
  "http":{
    "method":"POST",
    "requestUri":"/identity-provider/ListIdentityProviders",
    "responseCode":200
  },
  "input":{"shape":"ListIdentityProvidersRequest"},
  "output":{"shape":"ListIdentityProvidersResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ]
}
]

```

```

},
"ListInstances":{
  "name":"ListInstances",
  "http":{
    "method":"POST",
    "requestUri":"/instance/ListInstances",
    "responseCode":200
  },
  "input":{"shape":"ListInstancesRequest"},
  "output":{"shape":"ListInstancesResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ]
},
"ListProductSubscriptions":{
  "name":"ListProductSubscriptions",
  "http":{
    "method":"POST",
    "requestUri":"/user/ListProductSubscriptions",
    "responseCode":200
  },
  "input":{"shape":"ListProductSubscriptionsRequest"},
  "output":{"shape":"ListProductSubscriptionsResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ]
},
"ListUserAssociations":{
  "name":"ListUserAssociations",
  "http":{
    "method":"POST",
    "requestUri":"/user/ListUserAssociations",
    "responseCode":200
  },
  "input":{"shape":"ListUserAssociationsRequest"},
  "output":{"shape":"ListUserAssociationsResponse"},

```

```

"errors":[
  {"shape":"ServiceQuotaExceededException"},
  {"shape":"ConflictException"},
  {"shape":"ValidationException"},
  {"shape":"ThrottlingException"},
  {"shape":"InternalServerError"},
  {"shape":"ResourceNotFoundException"},
  {"shape":"AccessDeniedException"}
]
},
"RegisterIdentityProvider":{
  "name":"RegisterIdentityProvider",
  "http":{
    "method":"POST",
    "requestUri":"/identity-provider/RegisterIdentityProvider",
    "responseCode":200
  },
  "input":{"shape":"RegisterIdentityProviderRequest"},
  "output":{"shape":"RegisterIdentityProviderResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ],
  "idempotent":true
},
"StartProductSubscription":{
  "name":"StartProductSubscription",
  "http":{
    "method":"POST",
    "requestUri":"/user/StartProductSubscription",
    "responseCode":200
  },
  "input":{"shape":"StartProductSubscriptionRequest"},

  "output":{"shape":"StartProductSubscriptionResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"AccessDeniedException"}
  ]
}

```

```

]
},
"StopProductSubscription":{
  "name":"StopProductSubscription",
  "http":{
    "method":"POST",
    "requestUri":"/user/StopProductSubscription",
    "responseCode":200
  },
  "input":{"shape":"StopProductSubscriptionRequest"},
  "output":{"shape":"StopProductSubscriptionResponse"},
  "errors":[
    {"shape":"ServiceQuotaExceededException"},
    {"shape":"ConflictException"},
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},

    {"shape":"AccessDeniedException"}
  ]
},
"UpdateIdentityProviderSettings":{
  "name":"UpdateIdentityProviderSettings",
  "http":{
    "method":"POST",
    "requestUri":"/identity-provider/UpdateIdentityProviderSettings",
    "responseCode":200
  },
  "input":{"shape":"UpdateIdentityProviderSettingsRequest"},
  "output":{"shape":"UpdateIdentityProviderSettingsResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"ThrottlingException"},
    {"shape":"InternalServerError"},
    {"shape":"AccessDeniedException"}
  ],
  "idempotent":true
}
},
"shapes":{
  "AccessDeniedException":{
    "type":"structure",
    "members":{
      "message":{"shape":"String"}
    },
    "exception":true
  },
}

```

```

"ActiveDirectoryIdentityProvider":{
  "type":"structure",
  "members":{
    "DirectoryId":{"shape":"String"}
  }
},
"AssociateUserRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "InstanceId",
    "Username"
  ],
  "members":{
    "Domain":{"shape":"String"},
    "IdentityProvider":{"shape":"IdentityProvider"},
    "InstanceId":{"shape":"String"},
    "Username":{"shape":"String"}
  }
},
"AssociateUserResponse":{
  "type":"structure",
  "required":["InstanceUserSummary"],
  "members":{
    "InstanceUserSummary":{"shape":"InstanceUserSummary"}
  }
},
"BoxInteger":{
  "type":"integer",
  "box":true
},
"ConflictException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true,
  "fault":true
},
"DeregisterIdentityProviderRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product"
  ],
  "members":{
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"}
  }
}

```

```

    }
  },
  "DeregisterIdentityProviderResponse":{
    "type":"structure",
    "required":["IdentityProviderSummary"],
    "members":{
      "IdentityProviderSummary":{"shape":"IdentityProviderSummary"}
    }
  },
  "DisassociateUserRequest":{
    "type":"structure",
    "required":[
      "IdentityProvider",
      "InstanceId",
      "Username"
    ],
    "members":{
      "Domain":{"shape":"String"},
      "IdentityProvider":{"shape":"IdentityProvider"},
      "InstanceId":{"shape":"String"},
      "Username":{"shape":"String"}
    }
  },
  "DisassociateUserResponse":{
    "type":"structure",
    "required":["InstanceUserSummary"],
    "members":{
      "InstanceUserSummary":{"shape":"InstanceUserSummary"}
    }
  },
  "Filter":{
    "type":"structure",
    "members":{
      "Attribute":{"shape":"String"},
      "Operation":{"shape":"String"},
      "Value":{"shape":"String"}
    }
  },
  "FilterList":{
    "type":"list",
    "member":{"shape":"Filter"}
  },
  "IdentityProvider":{
    "type":"structure",
    "members":{
      "ActiveDirectoryIdentityProvider":{"shape":"ActiveDirectoryIdentityProvider"}
    },
    "union":true
  }

```

```

},
"IdentityProviderSummary":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product",
    "Settings",
    "Status"
  ],
  "members":{
    "FailureMessage":{"shape":"String"},
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "Settings":{"shape":"Settings"},
    "Status":{"shape":"String"}
  }
},
"IdentityProviderSummaryList":{
  "type":"list",
  "member":{"shape":"IdentityProviderSummary"}
},
"InstanceSummary":{
  "type":"structure",
  "required":[
    "InstanceId",
    "Products",
    "Status"
  ],
  "members":{
    "InstanceId":{"shape":"String"},
    "LastStatusCheckDate":{"shape":"String"},
    "Products":{"shape":"StringList"},
    "Status":{"shape":"String"},
    "StatusMessage":{"shape":"String"}
  }
},
"InstanceSummaryList":{
  "type":"list",
  "member":{"shape":"InstanceSummary"}
},
"InstanceUserSummary":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "InstanceId",
    "Status",
    "Username"
  ],

```

```

"members":{
  "AssociationDate":{"shape":"String"},
  "DisassociationDate":{"shape":"String"},
  "Domain":{"shape":"String"},
  "IdentityProvider":{"shape":"IdentityProvider"},
  "InstanceId":{"shape":"String"},
  "Status":{"shape":"String"},
  "StatusMessage":{"shape":"String"},
  "Username":{"shape":"String"}
}
},
"InstanceUserSummaryList":{
  "type":"list",
  "member":{"shape":"InstanceUserSummary"}
},
"InternalServerError":{
  "type":"structure",
  "members":{

"message":{"shape":"String"}
  },
  "exception":true,
  "fault":true
},
"ListIdentityProvidersRequest":{
  "type":"structure",
  "members":{
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"}
  }
},
"ListIdentityProvidersResponse":{
  "type":"structure",
  "required":["IdentityProviderSummaries"],
  "members":{
    "IdentityProviderSummaries":{"shape":"IdentityProviderSummaryList"},
    "NextToken":{"shape":"String"}
  }
},
"ListInstancesRequest":{
  "type":"structure",
  "members":{
    "Filters":{"shape":"FilterList"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"String"}
  }
},
"ListInstancesResponse":{

```



```

"type":"structure",
"members":{
  "InstanceSummaries":{"shape":"InstanceSummaryList"},
  "NextToken":{"shape":"String"}
}
},
>ListProductSubscriptionsRequest:{
"type":"structure",
"required":[
  "IdentityProvider",
  "Product"
],
"members":{
  "Filters":{"shape":"FilterList"},
  "IdentityProvider":{"shape":"IdentityProvider"},
  "MaxResults":{"shape":"BoxInteger"},
  "NextToken":{"shape":"String"},
  "Product":{"shape":"String"}
}
},
>ListProductSubscriptionsResponse:{
"type":"structure",
"members":{
  "NextToken":{"shape":"String"},
  "ProductUserSummaries":{"shape":"ProductUserSummaryList"}
}
},
>ListUserAssociationsRequest:{
"type":"structure",
"required":[
  "IdentityProvider",
  "InstanceId"
],
"members":{
  "Filters":{"shape":"FilterList"},
  "IdentityProvider":{"shape":"IdentityProvider"},
  "InstanceId":{"shape":"String"},
  "MaxResults":{"shape":"BoxInteger"},
  "NextToken":{"shape":"String"}
}
},
>ListUserAssociationsResponse:{
"type":"structure",
"members":{
  "InstanceUserSummaries":{"shape":"InstanceUserSummaryList"},
  "NextToken":{"shape":"String"}
}
}

```

```

},
"ProductUserSummary":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product",
    "Status",
    "Username"
  ],
  "members":{
    "Domain":{"shape":"String"},
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "Status":{"shape":"String"},
    "StatusMessage":{"shape":"String"},
    "SubscriptionEndDate":{"shape":"String"},
    "SubscriptionStartDate":{"shape":"String"},
    "Username":{"shape":"String"}
  }
},
"ProductUserSummaryList":{
  "type":"list",
  "member":{"shape":"ProductUserSummary"}
},
"RegisterIdentityProviderRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product"
  ],
  "members":{
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "Settings":{"shape":"Settings"}
  }
},
"RegisterIdentityProviderResponse":{
  "type":"structure",
  "required":["IdentityProviderSummary"],
  "members":{
    "IdentityProviderSummary":{"shape":"IdentityProviderSummary"}
  }
},
"ResourceNotFoundException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  }
},

```

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"error":{
  "statusCode":404,
  "senderFault":true
},
"exception":true
},
"SecurityGroup":{
  "type":"string",
  "max":200,
  "min":5,
  "pattern":"^sg-([0-9a-z]{8})([0-9a-z]{17})$"
},
"ServiceQuotaExceededException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true
},
"Settings":{
  "type":"structure",
  "required":[
    "SecurityGroupId",
    "Subnets"
  ],
  "members":{
    "SecurityGroupId":{"shape":"SecurityGroup"},
    "Subnets":{"shape":"SettingsSubnetsList"}
  }
},
"SettingsSubnetsList":{
  "type":"list",
  "member":{"shape":"Subnet"},
  "min":1
},
"StartProductSubscriptionRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product",
    "Username"
  ],
  "members":{
    "Domain":{"shape":"String"},
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "Username":{"shape":"String"}
  }
}

```

```

},
"StartProductSubscriptionResponse":{
  "type":"structure",
  "required":["ProductUserSummary"],
  "members":{
    "ProductUserSummary":{"shape":"ProductUserSummary"}
  }
},
"StopProductSubscriptionRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product",
    "Username"
  ],
  "members":{
    "Domain":{"shape":"String"},
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "Username":{"shape":"String"}
  }
},
"StopProductSubscriptionResponse":{
  "type":"structure",
  "required":["ProductUserSummary"],
  "members":{
    "ProductUserSummary":{"shape":"ProductUserSummary"}
  }
},
"String":{"type":"string"},
"StringList":{
  "type":"list",
  "member":{"shape":"String"}
},
"Subnet":{
  "type":"string",
  "pattern":"subnet-[a-z0-9]{8,17}"
},
"Subnets":{
  "type":"list",
  "member":{"shape":"Subnet"}
},
"ThrottlingException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true

```

```

},
"UpdateIdentityProviderSettingsRequest":{
  "type":"structure",
  "required":[
    "IdentityProvider",
    "Product",
    "UpdateSettings"
  ],
  "members":{
    "IdentityProvider":{"shape":"IdentityProvider"},
    "Product":{"shape":"String"},
    "UpdateSettings":{"shape":"UpdateSettings"}
  }
},
"UpdateIdentityProviderSettingsResponse":{
  "type":"structure",
  "required":["IdentityProviderSummary"],
  "members":{
    "IdentityProviderSummary":{"shape":"IdentityProviderSummary"}
  }
},
"UpdateSettings":{
  "type":"structure",
  "required":[
    "AddSubnets",
    "RemoveSubnets"
  ],
  "members":{
    "AddSubnets":{"shape":"Subnets"},
    "RemoveSubnets":{"shape":"Subnets"},
    "SecurityGroupId":{"shape":"SecurityGroup"}
  }
},
"ValidationException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true
}
}
}

```

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```
{
  "version": "2.0",
  "metadata": {
    "apiVersion": "2018-05-10",
    "endpointPrefix": "license-manager-linux-subscriptions",
    "jsonVersion": "1.1",
    "protocol": "rest-json",
    "protocols": ["rest-json"],
    "serviceFullName": "AWS License Manager Linux Subscriptions",
    "serviceId": "License Manager Linux Subscriptions",
    "signatureVersion": "v4",
    "signingName": "license-manager-linux-subscriptions",
    "uid": "license-manager-linux-subscriptions-2018-05-10",
    "auth": ["aws.auth#sigv4"]
  },
  "operations": {
    "DeregisterSubscriptionProvider": {
      "name": "DeregisterSubscriptionProvider",
      "http": {
        "method": "POST",
        "requestUri": "/subscription/DeregisterSubscriptionProvider",
        "responseCode": 200
      },
      "input": { "shape": "DeregisterSubscriptionProviderRequest" },
      "output": { "shape": "DeregisterSubscriptionProviderResponse" },
      "errors": [
        { "shape": "InternalServerError" },
        { "shape": "ResourceNotFoundException" },
        { "shape": "ThrottlingException" },
        { "shape": "ValidationException" }
      ],
      "idempotent": true
    },
    "GetRegisteredSubscriptionProvider": {
      "name": "GetRegisteredSubscriptionProvider",
      "http": {
```

```

    "method":"POST",
    "requestUri":"/subscription/GetRegisteredSubscriptionProvider",
    "responseCode":200
  },
  "input":{"shape":"GetRegisteredSubscriptionProviderRequest"},
  "output":{"shape":"GetRegisteredSubscriptionProviderResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"ThrottlingException"},
    {"shape":"ValidationException"}
  ],
  "idempotent":true
},
"GetServiceSettings":{
  "name":"GetServiceSettings",
  "http":{
    "method":"POST",
    "requestUri":"/subscription/GetServiceSettings",
    "responseCode":200
  },
  "input":{"shape":"GetServiceSettingsRequest"},
  "output":{"shape":"GetServiceSettingsResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ThrottlingException"},
    {"shape":"ValidationException"}
  ],
  "idempotent":true
},
"ListLinuxSubscriptionInstances":{
  "name":"ListLinuxSubscriptionInstances",
  "http":{
    "method":"POST",
    "requestUri":"/subscription/ListLinuxSubscriptionInstances",
    "responseCode":200
  },
  "input":{"shape":"ListLinuxSubscriptionInstancesRequest"},
  "output":{"shape":"ListLinuxSubscriptionInstancesResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ThrottlingException"},
    {"shape":"ValidationException"}
  ],
  "idempotent":true
},
"ListLinuxSubscriptions":{
  "name":"ListLinuxSubscriptions",

```

```

"http":{
  "method":"POST",
  "requestUri":"/subscription/ListLinuxSubscriptions",
  "responseCode":200
},
"input":{"shape":"ListLinuxSubscriptionsRequest"},
"output":{"shape":"ListLinuxSubscriptionsResponse"},
"errors":[
  {"shape":"InternalServerError"},
  {"shape":"ThrottlingException"},
  {"shape":"ValidationException"}
],
"idempotent":true
},
>ListRegisteredSubscriptionProviders:{
  "name":"ListRegisteredSubscriptionProviders",
  "http":{
    "method":"POST",
    "requestUri":"/subscription/ListRegisteredSubscriptionProviders",
    "responseCode":200
  },
  "input":{"shape":"ListRegisteredSubscriptionProvidersRequest"},
  "output":{"shape":"ListRegisteredSubscriptionProvidersResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ThrottlingException"},
    {"shape":"ValidationException"}
  ],
  "idempotent":true
},
>ListTagsForResource:{
  "name":"ListTagsForResource",
  "http":{
    "method":"GET",
    "requestUri":"/tags/{resourceArn}",
    "responseCode":200
  },
  "input":{"shape":"ListTagsForResourceRequest"},
  "output":{"shape":"ListTagsForResourceResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"ValidationException"}
  ]
},
RegisterSubscriptionProvider:{
  "name":"RegisterSubscriptionProvider",
  "http":{

```

```

    "method": "POST",
    "requestUri": "/subscription/RegisterSubscriptionProvider",
    "responseCode": 200
  },
  "input": { "shape": "RegisterSubscriptionProviderRequest" },
  "output": { "shape": "RegisterSubscriptionProviderResponse" },
  "errors": [
    { "shape": "InternalServerError" },
    { "shape": "ThrottlingException" },
    { "shape": "ValidationException" }
  ],
  "idempotent": true
},
"TagResource": {
  "name": "TagResource",
  "http": {
    "method": "PUT",
    "requestUri": "/tags/{resourceArn}",
    "responseCode": 200
  },
  "input": { "shape": "TagResourceRequest" },
  "output": { "shape": "TagResourceResponse" },
  "errors": [
    { "shape": "InternalServerError" },
    { "shape": "ResourceNotFoundException" },
    { "shape": "ValidationException" }
  ],
  "idempotent": true
},
"UntagResource": {
  "name": "UntagResource",
  "http": {
    "method": "DELETE",
    "requestUri": "/tags/{resourceArn}",
    "responseCode": 200
  },
  "input": { "shape": "UntagResourceRequest" },
  "output": { "shape": "UntagResourceResponse" },
  "errors": [
    { "shape": "InternalServerError" },
    { "shape": "ResourceNotFoundException" }
  ],
  "idempotent": true
},
"UpdateServiceSettings": {
  "name": "UpdateServiceSettings",
  "http": {

```

```

    "method":"POST",
    "requestUri":"/subscription/UpdateServiceSettings",
    "responseCode":200
  },
  "input":{"shape":"UpdateServiceSettingsRequest"},
  "output":{"shape":"UpdateServiceSettingsResponse"},
  "errors":[
    {"shape":"InternalServerError"},
    {"shape":"ThrottlingException"},
    {"shape":"ValidationException"}
  ],
  "idempotent":true
}
},
"shapes":{
  "Boolean":{
    "type":"boolean",
    "box":true
  },
  "BoxInteger":{
    "type":"integer",
    "box":true
  },
  "BoxLong":{
    "type":"long",
    "box":true
  },
  "DeregisterSubscriptionProviderRequest":{
    "type":"structure",
    "required":["SubscriptionProviderArn"],
    "members":{
      "SubscriptionProviderArn":{"shape":"SubscriptionProviderArn"}
    }
  },
  "DeregisterSubscriptionProviderResponse":{
    "type":"structure",
    "members":{
    }
  },
  "Filter":{
    "type":"structure",
    "members":{
      "Name":{"shape":"String"},
      "Operator":{"shape":"Operator"},
      "Values":{"shape":"StringList"}
    }
  },
  "FilterList":{

```

```

"type":"list",
"member":{"shape":"Filter"}
},
"GetRegisteredSubscriptionProviderRequest":{"
"type":"structure",
"required":["SubscriptionProviderArn"],
"members":{"
"SubscriptionProviderArn":{"shape":"SubscriptionProviderArn"}
}
},
"GetRegisteredSubscriptionProviderResponse":{"
"type":"structure",
"members":{"
"LastSuccessfulDataRetrievalTime":{"shape":"String"},
"SecretArn":{"shape":"SecretArn"},
"SubscriptionProviderArn":{"shape":"SubscriptionProviderArn"},
"SubscriptionProviderSource":{"shape":"SubscriptionProviderSource"},
"SubscriptionProviderStatus":{"shape":"SubscriptionProviderStatus"},
"SubscriptionProviderStatusMessage":{"shape":"String"}
}
},
"GetServiceSettingsRequest":{"
"type":"structure",
"members":{"
}
},
"GetServiceSettingsResponse":{"
"type":"structure",
"members":{"
"HomeRegions":{"shape":"StringList"},
"LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
"LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"},
"Status":{"shape":"Status"},
"StatusMessage":{"shape":"StringMap"}
}
},
"Instance":{"
"type":"structure",
"members":{"
"AccountID":{"shape":"String"},
"AmiId":{"shape":"String"},
"DualSubscription":{"shape":"String"},
"InstanceID":{"shape":"String"},
"InstanceType":{"shape":"String"},
"LastUpdatedTime":{"shape":"String"},
"OsVersion":{"shape":"String"},
"ProductCode":{"shape":"ProductCodeList"},
"Region":{"shape":"String"},

```

```

    "RegisteredWithSubscriptionProvider":{"shape":"String"},
    "Status":{"shape":"String"},
    "SubscriptionName":{"shape":"String"},
    "SubscriptionProviderCreateTime":{"shape":"String"},
    "SubscriptionProviderUpdateTime":{"shape":"String"},
    "UsageOperation":{"shape":"String"}
  }
},

"InstanceList":{
  "type":"list",
  "member":{"shape":"Instance"}
},
"InternalServerError":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true,
  "fault":true
},
"LinuxSubscriptionsDiscovery":{
  "type":"string",
  "enum":[
    "Enabled",
    "Disabled"
  ]
},
"LinuxSubscriptionsDiscoverySettings":{
  "type":"structure",
  "required":[
    "OrganizationIntegration",
    "SourceRegions"
  ],
  "members":{
    "OrganizationIntegration":{"shape":"OrganizationIntegration"},
    "SourceRegions":{"shape":"StringList"}
  }
},
"ListLinuxSubscriptionInstancesRequest":{
  "type":"structure",
  "members":{
    "Filters":{"shape":"FilterList"},
    "MaxResults":{"shape":"BoxInteger"},
    "NextToken":{"shape":"ListLinuxSubscriptionInstancesRequestNextTokenString"}
  }
},
"ListLinuxSubscriptionInstancesRequestNextTokenString":{

```



```

    "type":"string",
    "max":16384,
    "min":1
  },
  "ListLinuxSubscriptionInstancesResponse":{
    "type":"structure",
    "members":{
      "Instances":{"shape":"InstanceList"},
      "NextToken":{"shape":"String"}
    }
  },
  "ListLinuxSubscriptionsRequest":{
    "type":"structure",
    "members":{
      "Filters":{"shape":"FilterList"},
      "MaxResults":{"shape":"BoxInteger"},
      "NextToken":{"shape":"ListLinuxSubscriptionsRequestNextTokenString"}
    }
  },
  "ListLinuxSubscriptionsRequestNextTokenString":{
    "type":"string",
    "max":16384,
    "min":1
  },
  "ListLinuxSubscriptionsResponse":{
    "type":"structure",
    "members":{
      "NextToken":{"shape":"String"},
      "Subscriptions":{"shape":"SubscriptionList"}
    }
  },
  "ListRegisteredSubscriptionProvidersRequest":{
    "type":"structure",
    "members":{
      "MaxResults":{"shape":"ListRegisteredSubscriptionProvidersRequestMaxResultsInteger"},
      "NextToken":{"shape":"String"},
      "SubscriptionProviderSources":{"shape":"SubscriptionProviderSourceList"}
    }
  },
  "ListRegisteredSubscriptionProvidersRequestMaxResultsInteger":{
    "type":"integer",
    "box":true,
    "max":100,
    "min":1
  },
  "ListRegisteredSubscriptionProvidersResponse":{
    "type":"structure",
    "members":{

```

```

    "NextToken":{"shape":"String"},
    "RegisteredSubscriptionProviders":{"shape":"RegisteredSubscriptionProviderList"}
  }
},
"ListTagsForResourceRequest":{"
  "type":"structure",
  "required":["resourceArn"],
  "members":{"
    "resourceArn":{"
      "shape":"SubscriptionProviderArn",
      "location":"uri",
      "locationName":"resourceArn"
    }
  }
},
"ListTagsForResourceResponse":{"
  "type":"structure",
  "members":{"
    "tags":{"shape":"Tags"}
  }
},
"Operator":{"
  "type":"string",
  "enum":[
    "Equal",
    "NotEqual",
    "Contains"
  ],
  "max":20,
  "min":1
},
"OrganizationIntegration":{"
  "type":"string",
  "enum":[
    "Enabled",
    "Disabled"
  ]
},
"ProductCodeList":{"
  "type":"list",
  "member":{"shape":"String"}
},
"RegisterSubscriptionProviderRequest":{"
  "type":"structure",
  "required":[
    "SecretArn",
    "SubscriptionProviderSource"
  ],

```

```

"members":{
  "SecretArn":{"shape":"SecretArn"},
  "SubscriptionProviderSource":{"shape":"SubscriptionProviderSource"},
  "Tags":{"shape":"Tags"}
}
},
"RegisterSubscriptionProviderResponse":{
  "type":"structure",
  "members":{
    "SubscriptionProviderArn":{"shape":"String"},
    "SubscriptionProviderSource":{"shape":"SubscriptionProviderSource"},
    "SubscriptionProviderStatus":{"shape":"SubscriptionProviderStatus"}
  }
},
"RegisteredSubscriptionProvider":{
  "type":"structure",
  "members":{
    "LastSuccessfulDataRetrievalTime":{"shape":"String"},
    "SecretArn":{"shape":"SecretArn"},
    "SubscriptionProviderArn":{"shape":"SubscriptionProviderArn"},
    "SubscriptionProviderSource":{"shape":"SubscriptionProviderSource"},
    "SubscriptionProviderStatus":{"shape":"SubscriptionProviderStatus"},
    "SubscriptionProviderStatusMessage":{"shape":"String"}
  }
},
"RegisteredSubscriptionProviderList":{
  "type":"list",
  "member":{"shape":"RegisteredSubscriptionProvider"}
},
"ResourceNotFoundException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true
},
"SecretArn":{
  "type":"string",
  "pattern":"^arn:[a-z0-9-\\.]{1,63}:secretsmanager:[a-z0-9-\\.]{0,63}:[a-z0-9-\\.]{0,63}:secret:[^/]{1,1023}$"
},
"Status":{
  "type":"string",
  "enum":[
    "InProgress",
    "Completed",
    "Successful",
    "Failed"
  ]
}

```

```

]
},
"String":{"type":"string"},
"StringList":{"
  "type":"list",
  "member":{"shape":"StringListMemberString"},
  "max":100,
  "min":1
},
"StringListMemberString":{"
  "type":"string",
  "max":100,
  "min":1
},
"StringMap":{"
  "type":"map",
  "key":{"shape":"String"},
  "value":{"shape":"String"}
},
"Subscription":{"
  "type":"structure",
  "members":{"
    "InstanceCount":{"shape":"BoxLong"},
    "Name":{"shape":"String"},
    "Type":{"shape":"String"}
  }
},
"SubscriptionList":{"
  "type":"list",
  "member":{"shape":"Subscription"}
},
"SubscriptionProviderArn":{"
  "type":"string",
  "pattern":"^arn:[a-z0-9-\\.]{1,63}:[a-z0-9-\\.]{1,63}:[a-z0-9-\\.]{1,63}:[a-z0-9-\\.]{1,63}:[a-z0-9-\\.]{1,510}/[a-z0-9-\\.]{1,510}$"
},
"SubscriptionProviderSource":{"
  "type":"string",
  "enum":["RedHat"]
},
"SubscriptionProviderSourceList":{"
  "type":"list",
  "member":{"shape":"SubscriptionProviderSource"}
},
"SubscriptionProviderStatus":{"
  "type":"string",
  "enum":["
    "ACTIVE",

```

```

    "INVALID",
    "PENDING"
  ]
},
"TagKeyList":{
  "type":"list",
  "member":{"shape":"String"},
  "max":50,
  "min":0,
  "sensitive":true
},
"TagResourceRequest":{
  "type":"structure",
  "required":[
    "resourceArn",
    "tags"
  ],
  "members":{
    "resourceArn":{
      "shape":"SubscriptionProviderArn",
      "location":"uri",
      "locationName":"resourceArn"
    },
    "tags":{"shape":"Tags"}
  }
},
"TagResourceResponse":{
  "type":"structure",
  "members":{
  }
},
"Tags":{
  "type":"map",
  "key":{"shape":"String"},
  "value":{"shape":"String"},
  "max":50,
  "min":0,
  "sensitive":true
},
"ThrottlingException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  },
  "exception":true
},
"UntagResourceRequest":{
  "type":"structure",

```

```

"required":[
  "resourceArn",
  "tagKeys"
],
"members":{
  "resourceArn":{
    "shape":"SubscriptionProviderArn",
    "location":"uri",
    "locationName":"resourceArn"
  },
  "tagKeys":{
    "shape":"TagKeyList",
    "location":"querystring",
    "locationName":"tagKeys"
  }
}
},
"UntagResourceResponse":{
  "type":"structure",
  "members":{
  }
},
"UpdateServiceSettingsRequest":{
  "type":"structure",
  "required":[
    "LinuxSubscriptionsDiscovery",
    "LinuxSubscriptionsDiscoverySettings"
  ],
  "members":{
    "AllowUpdate":{"shape":"Boolean"},
    "LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
    "LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"}
  }
},
"UpdateServiceSettingsResponse":{
  "type":"structure",
  "members":{
    "HomeRegions":{"shape":"StringList"},
    "LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
    "LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"},
    "Status":{"shape":"Status"},
    "StatusMessage":{"shape":"StringMap"}
  }
},
"ValidationException":{
  "type":"structure",
  "members":{
    "message":{"shape":"String"}
  }
}

```

```

    },
    "exception":true
  }
}
{
  "pagination": {
  }
}
{
  "version": "1.0",
  "parameters": {
    "Region": {
      "builtIn": "AWS::Region",
      "required": false,
      "documentation": "The AWS region used to dispatch the request.",
      "type": "String"
    },
    "UseDualStack": {
      "builtIn": "AWS::UseDualStack",
      "required": true,
      "default": false,
      "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-
stack, dispatching the request MAY return an error.",
      "type": "Boolean"
    },
    "UseFIPS": {
      "builtIn": "AWS::UseFIPS",
      "required": true,
      "default": false,
      "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured
endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
      "type": "Boolean"
    },
    "Endpoint": {
      "builtIn": "SDK::Endpoint",
      "required": false,
      "documentation": "Override the endpoint used to send this request",
      "type": "String"
    }
  },
  "rules": [
    {
      "conditions": [
        {
          "fn": "isSet",
          "argv": [

```

```

        {
            "ref": "Endpoint"
        }
    ]
}
],
"type": "tree",
"rules": [
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseFIPS"
                    },
                    true
                ]
            }
        ]
    },
    {
        "error": "Invalid Configuration: FIPS and custom
endpoint are not supported",
        "type": "error"
    },
    {
        "conditions": [],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            {
                                "ref": "UseDualStack"
                            },
                            true
                        ]
                    }
                ]
            },
            {
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                "type": "error"
            },
            {
                "conditions": [],

```

"endpoint": {

```

            "url": {

```



```

        "ref": "Endpoint"
    },
    "properties": {},
    "headers": {}
},
"type": "endpoint"
}
]
}
],
{
"conditions": [],
"type": "tree",
"rules": [
{
"conditions": [
{
"fn": "isSet",
"argv": [
{
"ref": "Region"
}
]
}
],
"type": "tree",
"rules": [
{
"conditions": [
{
"fn": "aws.partition",
"argv": [
{
"ref": "Region"
}
]
},
],
"assign": "PartitionResult"
}
],
"type": "tree",
"rules": [
{
"conditions": [
{
"fn": "booleanEquals",
"argv": [
{

```

```

        "ref": "UseFIPS"
    },
    true
]
},
{
    "fn": "booleanEquals",
    "argv": [
        {
            "ref": "UseDualStack"
        },
        true
    ]
}
],
"type": "tree",
"rules": [
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    true,
                    {
                        "fn": "getAttr",
                        "argv": [
                            {
                                "ref": "PartitionResult"
                            },
                            "supportsFIPS"
                        ]
                    }
                ]
            }
        ]
    },
    {
        "fn": "booleanEquals",
        "argv": [
            true,
            {
                "fn": "getAttr",
                "argv": [
                    {
                        "ref": "PartitionResult"
                    },
                    "supportsDualStack"
                ]
            }
        ]
    }
]

```

```

        }
    ]
}
],
"type": "tree",
"rules": [
    {
        "conditions": [],
        "type": "tree",
        "rules": [
            {
                "conditions": [],
                "endpoint": {
                    "url": "https://license-manager-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    }
]
}
]
},
{
    "conditions": [],
    "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
    "type": "error"
}
]
},
{
    "conditions": [
        {
            "fn": "booleanEquals",
            "argv": [
                {
                    "ref": "UseFIPS"
                },
            ],
            true
        }
    ]
}
],
"type": "tree",

```

```

"rules": [
  {
    "conditions": [
      {
        "fn": "booleanEquals",
        "argv": [
          true,
          {
            "fn": "getAttr",
            "argv": [
              {
                "ref": "PartitionResult"
              }
            ]
          }
        ]
      }
    ],
    "supportsFIPS"
  ]
},
{
  "type": "tree",
  "rules": [
    {
      "conditions": [],
      "type": "tree",
      "rules": [
        {
          "conditions": [],
          "endpoint": {
            "url":
"https://license-manager-fips.{Region}.{PartitionResult#dnsSuffix}",
            "properties": {},
            "headers": {}
          },
          "type": "endpoint"
        }
      ]
    }
  ]
},
{
  "conditions": [],
  "error": "FIPS is enabled but this partition does not support FIPS",
  "type": "error"
}
]

```

```

    },
    {
      "conditions": [
        {
          "fn": "booleanEquals",
          "argv": [
            {
              "ref": "UseDualStack"
            },
            true
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {
          "conditions": [
            {
              "fn": "booleanEquals",
              "argv":
                [
                  true,
                  {
                    "fn": "getAttr",
                    "argv": [
                      {
                        "ref": "PartitionResult"
                      },
                      "supportsDualStack"
                    ]
                  }
                ]
            }
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {
          "conditions": [],
          "type": "tree",
          "rules": [
            {
              "conditions": [],
              "endpoint": {
                "url": "https://license-
manager.{Region}.{PartitionResult#dualStackDnsSuffix}",
                "properties": {},
                "headers": {}
              }
            }
          ]
        }
      ]
    }
  ]
}

```



```

    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
    }
  },
  "params": {
    "Region": "us-east-1",
    "UseFIPS": true,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
    }
  },
  "params": {
    "Region": "us-east-1",
    "UseFIPS": true,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-east-1 with FIPS disabled and
DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
    }
  },
  "params": {
    "Region": "us-east-1",
    "UseFIPS": false,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
    }
  },
  "params": {
    "Region": "us-east-1",
    "UseFIPS": false,
    "UseDualStack": false
  }
}

```

```

    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": false,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
      }
    },
  },

```



```

"params": {
  "Region": "cn-north-1",
  "UseFIPS": false,
  "UseDualStack": false
}
},
{
  "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
    }
  },
  "params": {
    "Region": "us-gov-east-1",
    "UseFIPS": true,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
    }
  },
  "params": {
    "Region": "us-gov-east-1",
    "UseFIPS": true,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
    }
  },
  "params": {
    "Region": "us-gov-east-1",
    "UseFIPS": false,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
  "expect": {

```

```

    "endpoint": {
      "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
    }
  },
  "params": {
    "Region": "us-gov-east-1",
    "UseFIPS": false,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
  },
  "params": {
    "Region": "us-iso-east-1",
    "UseFIPS": true,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
    }
  },
  "params": {
    "Region": "us-iso-east-1",
    "UseFIPS": true,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "error": "DualStack is enabled but this partition does not support DualStack"
  },
  "params": {
    "Region": "us-iso-east-1",
    "UseFIPS": false,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
  "expect": {

```

```

    "endpoint": {
      "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
    }
  },
  "params": {
    "Region": "us-iso-east-1",
    "UseFIPS": false,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
  "expect": {
    "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
  },
  "params": {
    "Region": "us-isob-east-1",
    "UseFIPS": true,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
  "expect": {
    "endpoint": {
      "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
    }
  },
  "params": {
    "Region": "us-isob-east-1",
    "UseFIPS": true,
    "UseDualStack": false
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
  "expect": {
    "error": "DualStack is enabled but this partition does not support DualStack"
  },
  "params": {
    "Region": "us-isob-east-1",
    "UseFIPS": false,
    "UseDualStack": true
  }
},
{
  "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
  "expect": {

```

```

        "endpoint": {
            "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
        }
    },
    "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": false
    }
},
{
    "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
    "expect": {
        "endpoint": {
            "url": "https://example.com"
        }
    },
    "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
    }
},
{
    "documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
    "expect": {
        "endpoint": {
            "url": "https://example.com"
        }
    },
    "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
    }
},
{
    "documentation": "For custom endpoint with fips enabled and dualstack disabled",
    "expect":
{
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
    },
    "params": {
        "Region": "us-east-1",
        "UseFIPS": true,
        "UseDualStack": false,

```

```

    "Endpoint": "https://example.com"
  }
},
{
  "documentation": "For custom endpoint with fips disabled and dualstack enabled",
  "expect": {
    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
  },
  "params": {
    "Region": "us-east-1",
    "UseFIPS": false,
    "UseDualStack": true,
    "Endpoint": "https://example.com"
  }
},
{
  "documentation": "Missing region",
  "expect": {
    "error": "Invalid Configuration: Missing Region"
  }
}
},
"version": "1.0"
}

```

## 1.36 prometheus-client-model 0.6.1

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# 1.37 curl 8.12.1-r0

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## 1.38 logrus 1.9.3

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