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Rocky Enterprise Linux 9.2 Manual Pages on command 'podman-image-sign.1'

$ man podman-image-sign.1

podman-image-sign(1)   General Commands Manual   podman-image-sign(1)

NAME

    podman-image-sign - Create a signature for an image

SYNOPSIS

    podman image sign [options] image [image ...]

DESCRIPTION

    podman image sign will create a local signature for one or more local

    images that have been pulled from a registry. The signature will be

    written to a directory derived from the registry configuration files in

    $HOME/.config/containers/registries.d if it exists, otherwise /etc/con?

    tainers/registries.d (unless overridden at compile-time), see contain?

    ers-registries.d(5) for more information. By default, the signature

    will be written into /var/lib/containers/sigstore for root and

    $HOME/.local/share/containers/sigstore for non-root users

OPTIONS

  --all, -a

    Sign all the manifests of the multi-architecture image (default false).

  --authfile=path

Path of the authentication file. Default is ${XDG_RUNTIME_DIR}/contain?
ers/auth.json, which is set using podman login. If the authorization
state is not found there, $HOME/.docker/config.json is checked, which
is set using docker login.

Note: There is also the option to override the default path of the au?
thentication file by setting the REGISTRY_AUTH_FILE environment vari?
able. This can be done with export REGISTRY_AUTH_FILE=path.

--cert-dir=path

Use certificates at path (*.crt, *.cert, *.key) to connect to the reg?
istry. (Default: /etc/containers/certs.d) Please refer to containers-
certs.d(5) for details. (This option is not available with the remote
Podman client, including Mac and Windows (excluding WSL2) machines)

--directory, -d=dir

Store the signatures in the specified directory.   Default:
/var/lib/containers/sigstore

--help, -h

Print usage statement.

--sign-by=identity

Override the default identity of the signature.

EXAMPLES

Sign the busybox image with the identity of foo@bar.com with a user's
keyring and save the signature in /tmp/signatures/.

sudo podman image sign --sign-by foo@bar.com --directory /tmp/signa?
tures docker://privateregistry.example.com/foobar

sudo   podman   image   sign   --authfile=/tmp/foobar.json   --sign-by
foo@bar.com --directory /tmp/signatures docker://privateregistry.exam?
ple.com/foobar

RELATED CONFIGURATION

The write (and read) location for signatures is defined in YAML-based
configuration files in /etc/containers/registries.d/ for root, or
$HOME/.config/containers/registries.d for non-root users. When signing
an image, Podman will use those configuration files to determine where
to write the signature based on the name of the originating registry or

a default storage value unless overridden with the --directory option.

For example, consider the following configuration file.

docker:

  privateregistry.example.com:

    sigstore: file:///var/lib/containers/sigstore

When signing an image preceded with the registry name 'privatereg?
istry.example.com', the signature will be written into sub-directories
of /var/lib/containers/sigstore/privateregistry.example.com. The use of
'sigstore' also means the signature will be 'read' from that same loca?
tion on a pull-related function.

SEE ALSO

containers-certs.d(5), containers-registries.d(5)

HISTORY

November 2018, Originally compiled by Qi Wang (qiwan at redhat dot com)

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