



Linux Ubuntu 26.04 Manual Pages on command 'sss_ssh_knownhosts.1'

\$ man sss_ssh_knownhosts.1

SSS_SSH_KNOWNHOSTS(1) SSSD Manual pages SSS_SSH_KNOWNHOSTS(1)

NAME

sss_ssh_knownhosts - get OpenSSH known hosts public keys

SYNOPSIS

sss_ssh_knownhosts [options] HOST

DESCRIPTION

sss_ssh_knownhosts acquires SSH public keys for host HOST and outputs them in OpenSSH known_hosts key format (see the ?SSH_KNOWN_HOSTS FILE FORMAT? section of sshd(8) for more information).

ssh(1) can be configured to use sss_ssh_knownhosts for public key host authentication using the ?KnownHostsCommand? option:

KnownHostsCommand /usr/bin/sss_ssh_knownhosts %H

Please refer to the ssh_config(5) man page for more details about this option.

This tool requires that SSSD's ssh service is enabled to work properly.

OPTIONS

-d,--domain DOMAIN

Search for host public keys in SSSD domain DOMAIN.

-o,--only-host-name

When the keys retrieved from the backend do not include the hostname, this tool will add the unmodified hostname as provided by the caller. If this flag is set, only the hostname (no port number) will be added to the keys.

-,--help

Display help message and exit.

KEY RETRIEVAL

The key lines retrieved from the backend are expected to respect the key format as described in the `?SSH_KNOWN_HOSTS FILE FORMAT?` section of `sshd(8)`. However, returning only the keytype and the key itself is tolerated, in which case, the hostname received as parameter will be added before the keytype to output a correctly formatted line. The hostname will be added unmodified or just the hostname (no port number), depending on whether the `-o,--only-host-name` option was provided.

When the SSH server is listening on a non-default port, the backend **MUST** provide the hostname including the port number in the correct format and position as part of the key line. For example, the minimal key line would be:

```
[canonical.host.name]:2222 <keytype> <base64-encoded key>
```

EXIT STATUS

In case of successful execution, even if no key was found for that host or if the ssh responder could not be contacted, 0 is returned. 1 is returned in case of any other error.

SEE ALSO

`sssd(8)`, `sssd.conf(5)`, `sssd-ldap(5)`, `sssd-ldap-attributes(5)`, `sssd-krb5(5)`, `sssd-simple(5)`, `sssd-ipa(5)`, `sssd-ad(5)`, `sssd-idp(5)`, `sssd-sudo(5)`, `sssd-session-recording(5)`, `sss_cache(8)`, `sss_debuglevel(8)`, `sss_obfuscate(8)`, `sss_seed(8)`, `sssd_krb5_locator_plugin(8)`, `sss_ssh_authorizedkeys(1)`, `sss_ssh_knownhosts(1)`, `sssd-ifp(5)`, `pam_sss(8)`, `sss_rpcidmapd(5)`, `sssd-systemtap(5)`

AUTHORS

The SSSD upstream - <https://github.com/SSSD/sss/>

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