

**NAME**

**gssd** - Generic Security Services Daemon

**SYNOPSIS**

**gssd** [-d] [-h] [-v] [-s *dir-list*] [-c *file-substring*] [-r *preferred-realm*]

**DESCRIPTION**

The **gssd** program provides support for the kernel GSS-API implementation.

The options are as follows:

- d Run in debug mode. In this mode, **gssd** will not fork when it starts.
- h Enable support for host-based initiator credentials. This permits a kerberized NFS mount to use a service principal in the default Kerberos 5 keytab file for access. Such access is enabled via the `gssname` option for the `mount_nfs(8)` command.
- v Run in verbose mode. In this mode, **gssd** will log activity messages to syslog using LOG\_INFO | LOG\_DAEMON or to stderr, if the **-d** option has also been specified. The minor status is logged as a decimal number, since it is actually a Kerberos return status, which is signed.

**-s *dir-list***

Look for an appropriate credential cache file in this list of directories. The list should be full pathnames from root, separated by ':' characters. Usually this list will simply be "/tmp".

Without this option, **gssd** assumes that the credential cache file is called /tmp/krb5cc\_<uid>, where <uid> is the effective uid for the RPC caller.

**-c *file-substring***

Set a file-substring for the credential cache file names. Only files with this substring embedded in their names will be selected as candidates when **-s** has been specified. If not specified, it defaults to "krb5cc\_".

**-r *preferred-realm***

Use Kerberos credentials for this realm when searching for credentials in directories specified with **-s**. If not specified, the default Kerberos realm will be used.

**FILES**

*/etc/krb5.keytab* Contains Kerberos service principals which may be used as credentials by kernel GSS-API services.

**EXIT STATUS**

The **gssd** utility exits 0 on success, and >0 if an error occurs.

**SEE ALSO**

[gssapi\(3\)](#), [syslog\(3\)](#), [mount\\_nfs\(8\)](#)

**HISTORY**

The **gssd** manual page first appeared in FreeBSD 8.0.

**AUTHORS**

This manual page was written by Doug Rabson <[dfr@FreeBSD.org](mailto:dfr@FreeBSD.org)>.