

**NAME**

**send\_nsca** – send monitoring commands to NSCA-ng server

**SYNOPSIS**

**send\_nsca** [-CSstv] [-c *file*] [-D *delay*] [-d *delimiter*] [-e *separator*] [-H *server*] [-o *timeout*] [-p *port*]  
**send\_nsca -h | -V**

**DESCRIPTION**

The **send\_nsca** utility transmits one or more check results or monitoring commands to an **nsca-ng**(8) server. The communication with the server is TLS encrypted and authenticated using pre-shared keys (as per RFC 4279). By default, **send\_nsca** reads host or service check results from the standard input. Multiple check results must be separated with an ASCII ETB character (octal value: 27). Service check results are expected to be in the following format:

```
host[tab]service[tab]status[tab]message[newline]
```

where *host* and *service* are the host name and service description as configured in Nagios, *status* is the numeric return code, and *message* is the output string. Host check results are expected to be in the same format, just without the *service* description:

```
host[tab]status[tab]message[newline]
```

Note that multiline *messages* are supported.

**OPTIONS**

- C** Instead of accepting host or service check results in the format described above, read “raw” monitoring commands for submission to the Nagios command file from the standard input, one command per line. The commands are expected to be in the format described in the Nagios documentation; except that the leading bracketed timestamp may be omitted, in which case the current timestamp is prepended to the provided command by **send\_nsca**.
- c *file*** Read the configuration from the specified *file* instead of using the default configuration file */etc/send\_nsca.cfg*.
- D *delay***  
Wait for a random number of seconds between 0 and the specified *delay* before contacting the server. This might be useful to reduce the server load if many **send\_nsca** clients are invoked simultaneously. The default setting is 0, which tells **send\_nsca** to connect to the server immediately. If this option is specified, the **delay** setting in the **send\_nsca.cfg**(5) file is ignored.
- d *delimiter***  
Use the specified *delimiter* instead of a horizontal tab to separate the fields when parsing host or service check results. The *delimiter* must be a single character, a C-style backslash escape sequence, the octal value of a character with a leading zero, or the hexadecimal value of a character prefixed with “0x”. Any ASCII character other than a backslash, newline, ETB, or NUL is allowed. This option is ignored if the **-C** option is specified.
- e *separator***  
Use the specified *separator* instead of an ASCII ETB character to separate multiple host or service check results. The *separator* must be a single character, a C-style backslash escape sequence, the octal value of a character with a leading zero, or the hexadecimal value of a character prefixed with “0x”. Any ASCII character is allowed, but note that multiline check result messages cannot be submitted if a newline character is used. This option is ignored if the **-C** option is specified.
- H *server***  
Connect and talk to the specified *server* address or host name. By default, **send\_nsca**

attempts to communicate with “localhost”. This option takes precedence over the **server** setting in the **send\_nasca.cfg(5)** file.

- h** Print usage information to the standard output and exit.
- o *timeout***  
Close the connection if the server didn't respond for the specified number of seconds. If the *timeout* is set to 0, **send\_nasca** won't enforce connection timeouts. The default *timeout* is 15 seconds. This option is provided for compatibility with NSCA 2.x. If it's specified, the **timeout** setting in the **send\_nasca.cfg(5)** file is ignored.
- p *port***  
Connect to the specified service name or *port* number instead of using the default *port* (5668). This option takes precedence over the **port** setting in the **send\_nasca.cfg(5)** file.
- S** Write all messages to the standard error output. This is the default behaviour.
- s** Send all messages (except for usage errors) to the system logger. This option may be combined with the **-S** option.
- t** This option is ignored. It is accepted for compatibility with NSCA 2.x.
- V** Print version information to the standard output and exit.
- v** Generate a message for each check result or monitoring command sent to the **nsca-ng(8)** server. This option can be specified up to three times in order to increase the verbosity.

#### EXIT STATUS

The **send\_nasca** utility exits 0 on success, and >0 if an error occurs.

#### FILES

*/etc/send\_nasca.cfg*

The **send\_nasca.cfg(5)** configuration file.

#### SEE ALSO

**send\_nasca.cfg(5)**, **nsca-ng(8)**, **nsca-ng.cfg(5)**

<http://www.nagios.org/developerinfo/externalcommands/>

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