

Man page of ZABBIX_GET

ZABBIX_GET

Section: User Commands (1)

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NAME

`zabbix_get` - Zabbix get utility

SYNOPSIS

zabbix_get -s *host-name-or-IP* [-p *port-number*] [-I *IP-address*] -k *item-key*

zabbix_get -s *host-name-or-IP* [-p *port-number*] [-I *IP-address*] --tls-connect **cert** --tls-ca-file *CA-file* [--tls-crl-file *CRL-file*] [--tls-agent-cert-issuer *cert-issuer*] [--tls-agent-cert-subject *cert-subject*] --tls-cert-file *cert-file* --tls-key-file *key-file* [--tls-cipher13 *cipher-string*] [--tls-cipher *cipher-string*] -k *item-key*

zabbix_get -s *host-name-or-IP* [-p *port-number*] [-I *IP-address*] --tls-connect **psk** --tls-psk-identity *PSK-identity* --tls-psk-file *PSK-file* [--tls-cipher13 *cipher-string*] [--tls-cipher *cipher-string*] -k *item-key*

zabbix_get -h

zabbix_get -V

DESCRIPTION

zabbix_get is a command line utility for getting data from Zabbix agent.

OPTIONS

-s, --host *host-name-or-IP*

Specify host name or IP address of a host.

-p, --port *port-number*

Specify port number of agent running on the host. Default is 10050.

-I, --source-address *IP-address*

Specify source IP address.

-k, --key *item-key*

Specify key of item to retrieve value for.

--tls-connect *value*

How to connect to agent. Values:

unencrypted**connect without encryption (default)****psk****connect using TLS and a pre-shared key****cert****connect using TLS and a certificate****--tls-ca-file *CA-file*****Full pathname of a file containing the top-level CA(s) certificates for peer certificate verification.****--tls-crl-file *CRL-file*****Full pathname of a file containing revoked certificates.****--tls-agent-cert-issuer *cert-issuer*****Allowed agent certificate issuer.****--tls-agent-cert-subject *cert-subject*****Allowed agent certificate subject.****--tls-cert-file *cert-file*****Full pathname of a file containing the certificate or certificate chain.****--tls-key-file *key-file*****Full pathname of a file containing the private key.****--tls-psk-identity *PSK-identity*****PSK-identity string.****--tls-psk-file *PSK-file*****Full pathname of a file containing the pre-shared key.****--tls-cipher13 *cipher-string*****Cipher string for OpenSSL 1.1.1 or newer for TLS 1.3. Override the default ciphersuite selection criteria. This option is not available if OpenSSL version is less than 1.1.1.****--tls-cipher *cipher-string*****GnuTLS priority string (for TLS 1.2 and up) or OpenSSL cipher string (only for TLS 1.2). Override the default ciphersuite selection criteria.****-h, --help****Display this help and exit.**

-V, --version

Output version information and exit.

EXAMPLES

```
zabbix_get -s 127.0.0.1 -p 10050 -k "system.cpu.load[all,avg1]"
zabbix_get -s 127.0.0.1 -p 10050 -k "system.cpu.load[all,avg1]" --tls-connect
cert --tls-ca-file /home/zabbix/zabbix_ca_file --tls-agent-cert-issuer
"CN=Signing CA,OU=IT operations,O=Example Corp,DC=example,DC=com" --
tls-agent-cert-subject "CN=server1,OU=IT operations,O=Example
Corp,DC=example,DC=com" --tls-cert-file /home/zabbix/zabbix_get.crt --tls-
key-file /home/zabbix/zabbix_get.key
zabbix_get -s 127.0.0.1 -p 10050 -k "system.cpu.load[all,avg1]" --tls-connect
psk --tls-psk-identity "PSK ID Zabbix agentd" --tls-psk-file
/home/zabbix/zabbix_agentd.psk
```

SEE ALSO

Documentation <https://www.zabbix.com/manuals>

[zabbix_agent2\(8\)](#), [zabbix_agentd\(8\)](#), [zabbix_js\(1\)](#), [zabbix_proxy\(8\)](#),
[zabbix_sender\(1\)](#), [zabbix_server\(8\)](#)

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