

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\\_agentd\(8\)](#), [zabbix\\_proxy\(8\)](#), [zabbix\\_sender\(1\)](#), [zabbix\\_server\(8\)](#),  
[zabbix\\_js\(1\)](#), [zabbix\\_agent2\(8\)](#)

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