

ZABBIX TESTS AND CONFIGURATION

Instance Upgrade:

```
dell [took ~ 0.1s] in www/html/tiki-manager on 7 feature/AVT-1675 [!]  
➔ php tiki-manager instance:upgrade  


| ID | Type  | Name                  | Host URL                     | Contact             | Branch | Revision | Last Action | Result | Action Date | Revision Date |
|----|-------|-----------------------|------------------------------|---------------------|--------|----------|-------------|--------|-------------|---------------|
| 10 | local | test1.softstart.local | http://test1.softstart.local | test1@softstart.com | 27.x   | fb6646dc | update      |        | 2024-08-17  | 2024-09-17    |
| 11 | local | test2.softstart.local | http://test2.softstart.local | test2@softstart.com | 27.x   | 01fef40f | clone       |        | 2024-08-22  | 2024-08-21    |
| 12 | local | test3.softstart.local | http://test3.softstart.local | test3@softstart.com | 26.x   | f50b6433 | update      |        | 2024-09-17  | 2024-08-23    |
| 13 | local | test4.softstart.local | http://test4.softstart.local | test4@softstart.com | 27.x   | 7c2f6281 | clone       |        | 2024-08-22  | 2024-09-16    |

  
In case you want to upgrade more than one instance, please use a comma (,) between the values  
Which instance(s) do you want to upgrade?:  
> 10  
Working on test1.softstart.local  
PHP version 8.1.29 found at /usr/bin/php8.1.  
You are currently running: 27.x  
Which version do you want to upgrade to [1]:  
[0] git : 27.x  
[1] git : master  
[2] git : tags/27.0  
[3] git : tags/27.0RC1  
[4] git : tags/27.0alpha  
[5] git : tags/27.0beta  
> 0  
Locking website...  
Updating 27.x branch  
Installing composer dependencies... [may take a while]  
Installing WP dependencies... [may take a while]  
WP: Building artifacts (33/103)... [may take a while]  
Updating database schema...  
Updating Tiki Packages... [may take a while]  
Cleaning cache...  
Generating cache... [may take a while]  
Rebuilding index... [may take a while]  
Fixing permissions...  
Unlocking website...
```

Create Blank Instance:

```
dell [took ~ 0.1s] in www/html/tiki-manager on 7 feature/AVT-1675 [!]  
➔ php tiki-manager instance:create  
  
Tiki Manager Info  
=====
```

```
Running on Ubuntu  
PHP Version: 8.1.29  
PHP exec: /usr/bin/php8.1  
  
New Instance Setup  
=====
```

```
Connection type [local]:  
[0] local  
[1] ftp  
[2] ssh  
> 0  
  
WebUrl [https://localhost]:  
> test5.softstart.local
```

```
Instance PHP Version: 8.1.29  
Instance PHP exec: /usr/bin/php8.1  
Fetching compatible versions. Please wait...  
  
[ NOTE ] If some versions are not offered, it's likely because the host server doesn't meet the requirements for that  
[       ] version (ex: PHP version is too old)  
  
Branch:  
[0] git : 26.x  
[1] git : 27.x  
[2] git : master  
[3] git : tags/26.0  
[4] git : tags/26.0RC1  
[5] git : tags/26.0alpha  
[6] git : tags/26.0beta  
[7] git : tags/26.1  
[8] git : tags/26.2  
[9] git : tags/27.0  
[10] git : tags/27.0RC1  
[11] git : tags/27.0alpha  
[12] git : tags/27.0beta  
[13] blank : none  
> 13  
  
[OK] This is a blank instance. This is useful to restore a backup later.
```

Instance list with instance last state:

```
dell [took ~ 1s 9.1s] in www/html/tiki-manager on 7 feature/AVT-1675 [!]  
➔ php tiki-manager instance:list  


| ID | Type  | Name                  | Host URL                     | Contact             | Branch | Revision | Last Action | Result  | Action Date | Revision Date |
|----|-------|-----------------------|------------------------------|---------------------|--------|----------|-------------|---------|-------------|---------------|
| 10 | local | test1.softstart.local | http://test1.softstart.local | test1@softstart.com | 27.x   | 00803223 | upgrade     | success | 2024-09-18  | 2024-09-17    |
| 11 | local | test2.softstart.local | http://test2.softstart.local | test2@softstart.com | 27.x   | 01fef40f | clone       |         | 2024-08-22  | 2024-08-21    |
| 12 | local | test3.softstart.local | http://test3.softstart.local | test3@softstart.com | 26.x   | f50b6433 | update      |         | 2024-09-17  | 2024-08-23    |
| 13 | local | test4.softstart.local | http://test4.softstart.local | test4@softstart.com | 27.x   | 7c2f6281 | clone       |         | 2024-08-22  | 2024-09-16    |
| 14 | local | test5.softstart.local | http://test5.softstart.local | test5@softstart.com |        |          |             | success |             |               |


```

Instance monitor:

```
dell [took ~ 0.2s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ php tiki-manager instance:monitor
+-----+
| InstanceId | Last Operation | Result |
+-----+
| 10         | upgrade       | success |
| 11         | clone         | unknown |
| 12         | update        | unknown |
| 13         | clone         | unknown |
| 14         | None          | success |
+-----+
```

Instance monitor with text output:

```
dell [took ~ 0.1s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ php tiki-manager instance:monitor -i 10 -t
No Failures

dell [took ~ 0.1s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ php tiki-manager instance:monitor -i 10 -t
Failures:10-upgrade

dell [took ~ 0.1s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ php tiki-manager instance:monitor
+-----+
| InstanceId | Last Operation | Result |
+-----+
| 10         | upgrade       | failure |
| 11         | clone         | unknown |
| 12         | update        | unknown |
| 13         | clone         | unknown |
| 14         | None          | success |
+-----+

dell [took ~ 0.1s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ php tiki-manager instance:monitor -t
Failures:10-upgrade
```

Test Case:

```
dell [took ~ 0.1s] in www/html/tiki-manager on  feature/AVT-1675 [!?]
+ ./vendor/bin/simple-phpunit tests/Command/MonitorInstanceCommandTest.php
PHPUnit 9.5.28 by Sebastian Bergmann and contributors.

Testing TikiManager\Tests\Command\MonitorInstanceCommandTest
.                                                                1 / 1 (100%)

Time: 00:00.018, Memory: 8.00 MB

OK (1 test, 4 assertions)
```

Logged when instance state changes:

```
Instance.php 9, M  Version.php 2, M  CommandHelper.php M  Environment.php M
MonitorInstanceCommand.php M  MonitorInstanceCommandTest.php U  RestoreInstanceCommand.php M  Update
389670 LOCAL [2024-09-17 15:47:38] /usr/bin/php8.1 -q -d memory_limit=256M console.php cache:generate misc 2>6
389671 Generating misc caches
389672 Caches generated
389673
389674
389675 LOCAL [2024-09-17 15:47:38] which svn 2>61 - return: 1
389676 LOCAL [2024-09-17 15:47:38] which git 2>61 - return: 0
389677 /usr/bin/git
389678
389679 LOCAL [2024-09-17 15:47:38] which svn 2>61 - return: 1
389680 LOCAL [2024-09-17 15:47:38] which git 2>61 - return: 0
389681 /usr/bin/git
389682
389683 LOCAL [2024-09-17 15:47:38] which svn 2>61 - return: 1
389684 LOCAL [2024-09-17 15:47:38] which git 2>61 - return: 0
389685 /usr/bin/git
389686
389687 Instance 14 state changed from unknown to success during instance:create. Reason: Instance created.
389688
389689
```

Zabbix Configuration and Test:

After installing the Zabbix we need to add params as below to monitor the instance

```
1 * Edit the file: /etc/zabbix/zabbix_agentd.conf and add below config at the end of file.
```

```

2 UserParameter=tiki_manager.monitor[*],[tiki-manager full path]/tiki-manager instance:monitor -i "$1" -t
3
4 for example:
5 UserParameter=tiki_manager.monitor[*],/var/www/html/tiki-manager/tiki-manager instance:monitor -i "$1" -t

```

```

##### For advanced users - TCP-related fine-tuning parameters #####
## Option: ListenBacklog
## The maximum number of pending connections in the queue. This parameter is passed to
## listen() function as argument 'backlog' (see "man listen").
## Mandatory: no
## Range: 0 - INT_MAX (depends on system, too large values may be silently truncated to implementation-specified maximum)
## Default: SOMAXCONN (hard-coded constant, depends on system)
## ListenBacklog=
UserParameter=tiki_manager.monitor[*],/var/www/html/tiki-manager/tiki-manager instance:monitor -i "$1" -t

```

To take effect you might need to restart the Zabbix service

```
1 sudo service zabbix-server zabbix-agent restart
```

Go to the Zabbix host list: <http://localhost/zabbix/zabbix.php?action=host.list> and click on items, it will land on the create item page where you need to create the item as shown:

The screenshot shows the Zabbix web interface. In the 'Hosts' section, a table lists hosts with columns for Name, Status, Templates, Discovery, and more. A 'Create item' button is visible in the top right. In the 'Items' section, a form is shown for creating a new item, with fields for Name, Type, Key, and various options. A 'Create item' button is also visible in the top right of the 'Items' section.

The create item will display a pop-up form that needs to be filled out, we can provide specific instance IDs ["10,12,3"] to monitor only those instances OR we can provide "all" to monitor all instances as shown:

The screenshot shows the 'Item' form in the Zabbix web interface. The form is titled 'Item' and contains fields for Name, Type, Key, and various options. The 'Key' field is highlighted with a red box, showing the value 'tiki_manager.monitor[*]'. The 'Name' field is also highlighted with a red box, showing the value 'Tiki Manager Monitor'. The form includes sections for 'Custom intervals', 'Trends', and 'Populate host monitoring field'.

Once you create an item it will be listed and you can see the monitor logs/history as shown:

The screenshot shows the 'Subfilter' configuration page in the Splunk Enterprise console. The 'Subfilter' dropdown is expanded, showing a list of subfilter types. The 'Subfilter' field is set to 'Subfilter'.

Latest data

Host groups

Sign them to search

Select

Hosts

Search engines

Select

Name

The Manager Monitor

Select

Type

Source

Or

Contains

value

Reset

AND

Show type

New

1

2

Tag name

URL

Shortened

Name

Tag display priority

priority

contents

unregistered list

Show method

Normal

Not supported

Save as

Cancel

Reset

Suffix affects only filtered data

WIDEN

Display name *

DATA

OPEN data Without data

Host

Name *

Last check

Last value

Change

Tags

Info

Expand record

The Manager Monitor

0%

No Patterns

History

Showing 1 of 1 items

[illegible]