

# Monitoring

Note: Any specific Tiki-Nagios documentation should be moved to <https://doc.tiki.org/Nagios>

## Tiki Monitoring with Nagios

### Assumptions

This text will assume you have enough knowledge and domain of Nagios and Linux, your Nagios is already deployed and it is in an external server (different where you have your Tiki deployment)

### Nagios Configuration

First you need to copy the check\_tiki scripts. You can download it [here](#). This script is written in PHP. Put it on a path you will remember, for example /usr/local/bin. You will need to call it manually to see the options. This document will use some defaults ones, but you will need to put your own values.

Look for your nagios.cfg file, open it and check what directory is pointing the variable cfg\_dir. In this case we are going to use /etc/nagios/conf.d/

Create a file at /etc/nagios/conf.d/check\_tiki.cfg with the following content:

```
define command{
    command_name    check_tiki_bcc
    command_line    /usr/local/bin/check_tiki.php -u $ARG1$ -c bcc --bccwarn $ARG2$ --
bcccrit $ARG3$
}

define command{
    command_name    check_tiki_searchindex
    command_line    /usr/local/bin/check_tiki.php -u $ARG1$ -c searchindex --sirwarn
$ARG2$ --sircrit $ARG3$
}

define command{
    command_name    check_tiki_db
    command_line    /usr/local/bin/check_tiki.php -u $ARG1$ -c db
}
```

Edit your server definition. Put the following in the proper directory. In our case, it is in the /etc/nagios/objects/servers/ directory. This is a template, your server definition may be much more complex than this.

```
define host{
    use                linux-server
    host_name          trunk.notre.website
    alias              trunk
}
```

```
define service{
    use                                local-service
    host_name                          trunk.notre.website
    service_description                HTTP
    check_command                      check_http!-H trunk.notre.website
    notifications_enabled              1
}

define service{
    use                                local-service
    host_name                          trunk.notre.website
    service_description                TIKI Op Code Cache
    check_command
check_tiki_bcc!http://trunk.notre.website/tiki-monitor.php!80!95
    notifications_enabled              1
}

define service{
    use                                local-service
    host_name                          trunk.notre.website
    service_description                TIKI Index
    check_command
check_tiki_searchindex!http://trunk.notre.website/tiki-monitor.php!80000!95000
    notifications_enabled              1
}

define service{
    use                                local-service
    host_name                          trunk.notre.website
    service_description                TIKI Op Code Cache
    check_command
check_tiki_db!http://trunk.notre.website/tiki-monitor.php
    notifications_enabled              1
}
```

As optional setup you can put your service dependencies. In this specific case, check\_tiki\_\* depends on HTTP availability.

```
define servicedependency{
    host_name                          trunk.notre.website
    service_description                HTTP
    dependent_host_name                trunk.notre.website
    dependent_service_description      TIKI Op Code Cache
    execution_failure_criteria         n
    notification_failure_criteria      w,u,c
}

define servicedependency{
```

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```
    host_name                trunk.notre.website
    service_description      HTTP
    dependent_host_name      trunk.notre.website
    dependent_service_description TIKI Index
    execution_failure_criteria n
    notification_failure_criteria w,u,c
}

define servicedependency{
    host_name                trunk.notre.website
    service_description      HTTP
    dependent_host_name      trunk.notre.website
    dependent_service_description TIKI DB
    execution_failure_criteria n
    notification_failure_criteria w,u,c
}
```

You can check your configuration by executing:

```
nagios -v /etc/nagios/nagios.cfg
```

If there is an error, you will be notified. After that, you can restart nagios and new monitoring will start.