

## Documentation Icinga Web 2 operation

The screenshot displays the Icinga Web 2 monitoring interface. The left sidebar contains navigation links: Dashboard, Probleme (3), Übersicht, Icinga-Director, Virtualization (VMware), Historie, Graphite, System, and Konfiguration. The main content area is divided into three sections: 'Serviceprobleme', 'Vor kurzem erholte Services', and 'Host-Probleme'. The 'Serviceprobleme' section lists several critical and warning issues for services like disk-g, disk-var, windows-services, swap, disk-y, memory, disk-/usr/share/nginx, and windows-services. The 'Vor kurzem erholte Services' section shows a list of services that have recently returned to an OK status, including swap, disk-c, swap, memory, disk-z, swap, disk-c, cpu, and memory. The 'Host-Probleme' section indicates that no hosts were found for the current filter.

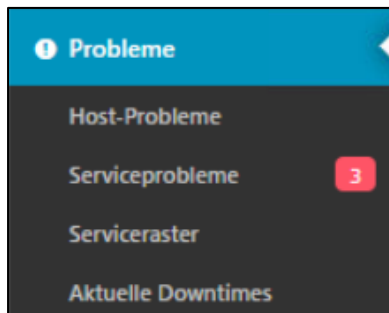
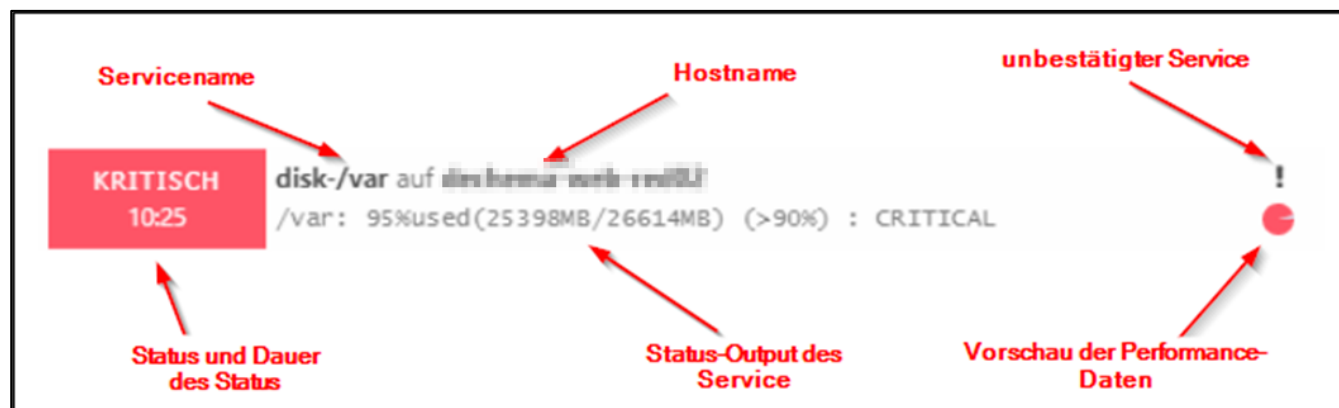
| Serviceprobleme   | Vor kurzem erholte Services   | Host-Probleme                                 |
|---|---|---|
| <b>KRITISCH</b> 39m 0s<br><b>disk-g</b> auf [redacted]<br>G:\ Label: Volume Serial Number 48b664e5:<br>94%used(153354MB/163837MB) (>90%) : CRITICAL | Ok<br>10m 35s<br><b>swap</b> auf [redacted]<br>Virtual Memory: 21%used(16622MB/78896MB) (<80%) : OK                                 | Zu diesem Filter wurden keine Hosts gefunden. |
| <b>KRITISCH</b> 10:25<br><b>disk-var</b> auf [redacted]<br>/var: 95%used(25397MB/26614MB) (>90%) : CRITICAL   | Ok<br>15m 35s<br><b>disk-c</b> auf [redacted]<br>C:\ Label: Serial Number c4b9271a: 74%used(51609MB/69871MB) (<80%) : OK            |   |
| <b>KRITISCH</b> Feb 16<br><b>windows-services</b> auf [redacted]<br>CRITICAL: IDOC Receive=stopped (auto), IDOC Send=stopped (auto), delayed ()     | Ok<br>34m 38s<br><b>swap</b> auf [redacted]<br>Virtual Memory: 14%used(5135MB/37631MB) (<80%) : OK                                  |   |
| <b>WARNUNG</b> 35m 17s<br><b>swap</b> auf [redacted]<br>Virtual Memory: 83%used(6096MB/7315MB) (>80%) : WARNING                                     | Ok<br>34m 38s<br><b>memory</b> auf [redacted]<br>Physical Memory: 46%used(1884MB/4095MB) (<80%) : OK                                |   |
| <b>WARNUNG</b> 35m 27s<br><b>disk-y</b> auf [redacted]<br>Y:\ Label: Uran Serial Number c63a5c37:<br>90%used(1413683MB/1572861MB) (>80%) : WARNING  | Ok<br>34m 41s<br><b>disk-z</b> auf [redacted]<br>Z:\ Label: Volume Serial Number eac1b08:<br>45%used(229223MB/511997MB) (<80%) : OK |   |
| <b>WARNUNG</b> 35m 36s<br><b>memory</b> auf [redacted]<br>Physical Memory: 86%used(3525MB/4095MB) (>80%) : WARNING                                  | Ok<br>34m 48s<br><b>swap</b> auf [redacted]<br>Virtual Memory: 19%used(1795MB/9408MB) (<80%) : OK                                   |   |
| <b>WARNUNG</b> 09:53<br><b>disk-/usr/share/nginx</b> auf [redacted]<br>/usr/share/nginx: 84%used(109662MB/129984MB) (>80%) : WARNING                | Ok<br>34m 52s<br><b>disk-c</b> auf [redacted]<br>C:\ Label: Serial Number aa8efb22: 12%used(52671MB/429213MB) (<80%) : OK           |   |
| <b>WARNUNG</b> Mar 16 20:58<br><b>windows-services</b> auf [redacted]<br>WARNING: , delayed (update=stopped (delayed))                              | Ok<br>34m 52s<br><b>cpu</b> auf [redacted]<br>24 CPU, average load 0.5% < 85% : OK  |   |
|   | Ok<br>34m 53s<br><b>cpu</b> auf [redacted]<br>24 CPU, average load 0.1% < 85% : OK  |   |
|   | Ok<br>34m 54s<br><b>memory</b> auf [redacted]<br>Physical Memory: 57%used(4651MB/8192MB) (<80%) : OK                                |   |

Mehr zeigen

After logging in, you go directly to the dashboard of the monitoring interface.

Current, unconfirmed service and host problems are displayed here. There is also a column with services that have recently returned to the OK status.

## Service view in the overview



## Service and host problems view

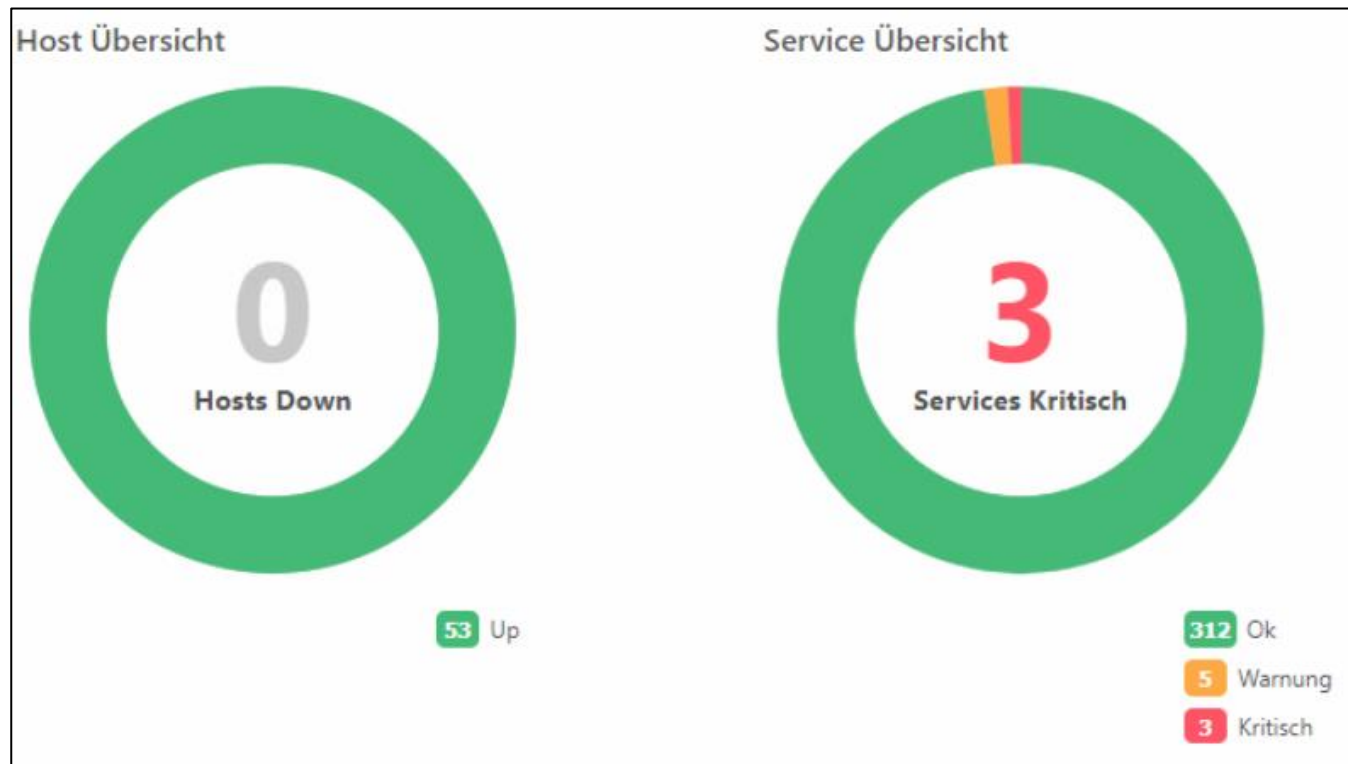
Clicking on the column headings in the dashboard takes you to the view for service or host problems.

In these lists, the hosts or services are displayed by status, sorted in descending order. The order is critical (down for hosts), unknown, warning, pending.

The same views can also be accessed from the "Issues" item in the side menu. All active downtimes are also displayed here under the menu item "Current downtimes".

## Menu item "Overview"

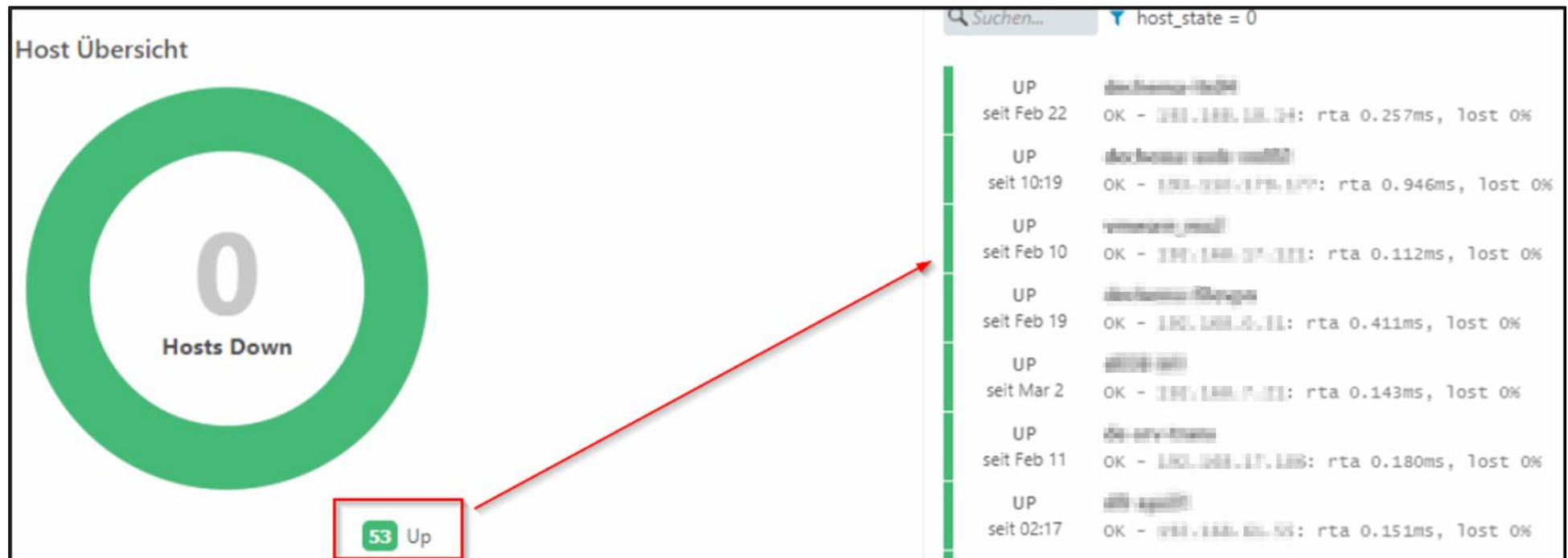
### Sub-item "Tactical Overview"



The tactical overview is divided into two parts. The status display for the hosts is on the left-hand side, and the status display for the services is on the right-hand side.


Below the pie charts are the associated numbers of hosts/services in their respective status. For example, the screenshot shows 53 hosts with status "UP" and a total of 312 services with status "OK", graphically represented by the green area of the pie charts.

Clicking on the label opens a new panel within the interface, in which only the selected hosts or services are displayed. As can be seen in the following screenshot, after clicking on "58 Up" the corresponding hosts are displayed in the new panel.




### *"Hosts" sub-item*

The "Hosts" menu item contains an alphabetically sorted list view of all hosts.

Below the list there is a "status traffic light" for all hosts:  These buttons can be used to switch directly to the hosts with the corresponding status.

Above the list is the search bar to narrow down the hosts displayed. By default, the search term is applied to the hostname as well as the host display name.

At the top right of the list are two drop-down menus for setting the number of hosts per page and the sort order:

#  Sortieren nach  

### *"Services" sub-item*

The "Services" menu item contains an alphabetically sorted list view of all services.

Below the list there is a "status traffic light" for all services:  These buttons can be used to switch directly to the services with the corresponding status.

Above the list is the search bar to narrow down the services displayed. By default, the search term is applied to the service name and service display name.

On the right above the list there are two drop-down menus for setting the number of services per page and for the sorting order:

#  Sortieren nach  

### *"Host groups" sub-item*

The host groups can be found under this menu item. Host groups are used to group hosts, e.g. all physical or virtual Windows servers. The view lists the number of hosts in the group, the name of the group, the status of the hosts, the number of services and the status of the services (from left to right).

|   |                 |   |    |   |   |    |
|---|-----------------|---|----|---|---|----|
| 6 | Linux Servers   | 6 | 40 | 1 | 1 | 38 |
| 3 | VMware ESX Host | 3 | 3  | 3 |   |    |

The "Linux Servers" host group includes 6 hosts, 6 of which are in the "UP" state. These hosts in turn have a total of 40 services, of which one is in the "Critical" state, one in the "Warning" state and 38 in the "OK" state.

Clicking on the host group name opens a new panel with a list of all hosts in the group.

| Hostgruppe         | Host-Zustände | Service-Zustände |
|--------------------|---------------|------------------|
| 6 Linux Servers    | 6             | 40 1 1 38        |
| 3 VMware ESX Host  | 3             | 3 3              |
| 1 VMware vCenter   | 1             | 2 2              |
| 43 Windows Servers | 43            | 275 2 4 269      |

A click on one of the service displays opens a corresponding panel with a list of the services (or services of the selected status) of the hosts belonging to the group.

### *"Service groups" sub-item*

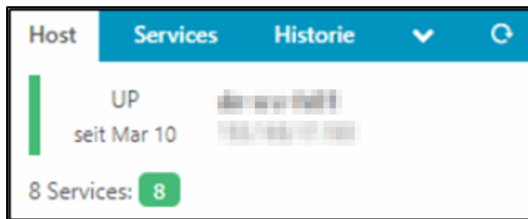
The service groups can be found under this menu item

## View page of a host or service

### Overview page of a host



At the top of the overview page you will find the three tabs "Host", "Services" and "History". These can be used to switch between the overview page, the page with all services for this host and a page with all status changes of the host.



Below the navigation bar is the status and duration of the status, as well as the host name and its address. It also shows how many services the host has and what their status is.

The next section covers the output of the plug-in as well as displaying the graphs for the performance data.



The display of the time section of the graph can be adjusted via the drop-down lists.

Clicking on the settings button opens a field with the option of defining your own time interval for the graph.

The next section provides troubleshooting buttons. These are described in the following chapters.

| Problembehandlung |                                      |
|-------------------|--------------------------------------|
| Nicht bestätigt   | <a href="#">Bestätigen</a>           |
| Kommentare        | <a href="#">Kommentar hinzufügen</a> |
| Downtimes         | <a href="#">Downtime planen</a>      |



Information about the host's membership in various host groups is also listed here.

The performance data collected by the last check is then displayed.

Hostgruppen

Windows Servers

Performancedaten

|  | Bezeichnung | Wert      | Warnung   | Kritisch  |
|--|-------------|-----------|-----------|-----------|
|  | rta         | 146,00 µs | 100,00 ms | 200,00 ms |
|  | pl          | 0%        | 5%        | 15%       |
|  | rtmax       | 283,00 µs | -         | -         |
|  | rtmin       | 102,00 µs | -         | -         |

The Check Execution section deals with the execution and rescheduling of the service checks. Further information on the check is also displayed here (e.g. check command, time of the last check, execution time)

| Check-Ausführung       |   |
|------------------------|---|
| Befehl                 | icmp <a href="#">Check-Ergebnis verarbeiten</a> |
| Check-Quelle           |   |
| Erreichbar             | Ja  |
| Letzter Check          | vor 1m 41s <a href="#">Jetzt prüfen</a>         |
| Nächster Check         | in 3m 10s <a href="#">Neu planen</a>            |
| Check-Versuche         | 1/3 (hard state)                                |
| Check-Ausführungsdauer | 0,004s  |
| Check-Latenz           | 0.00061s  |

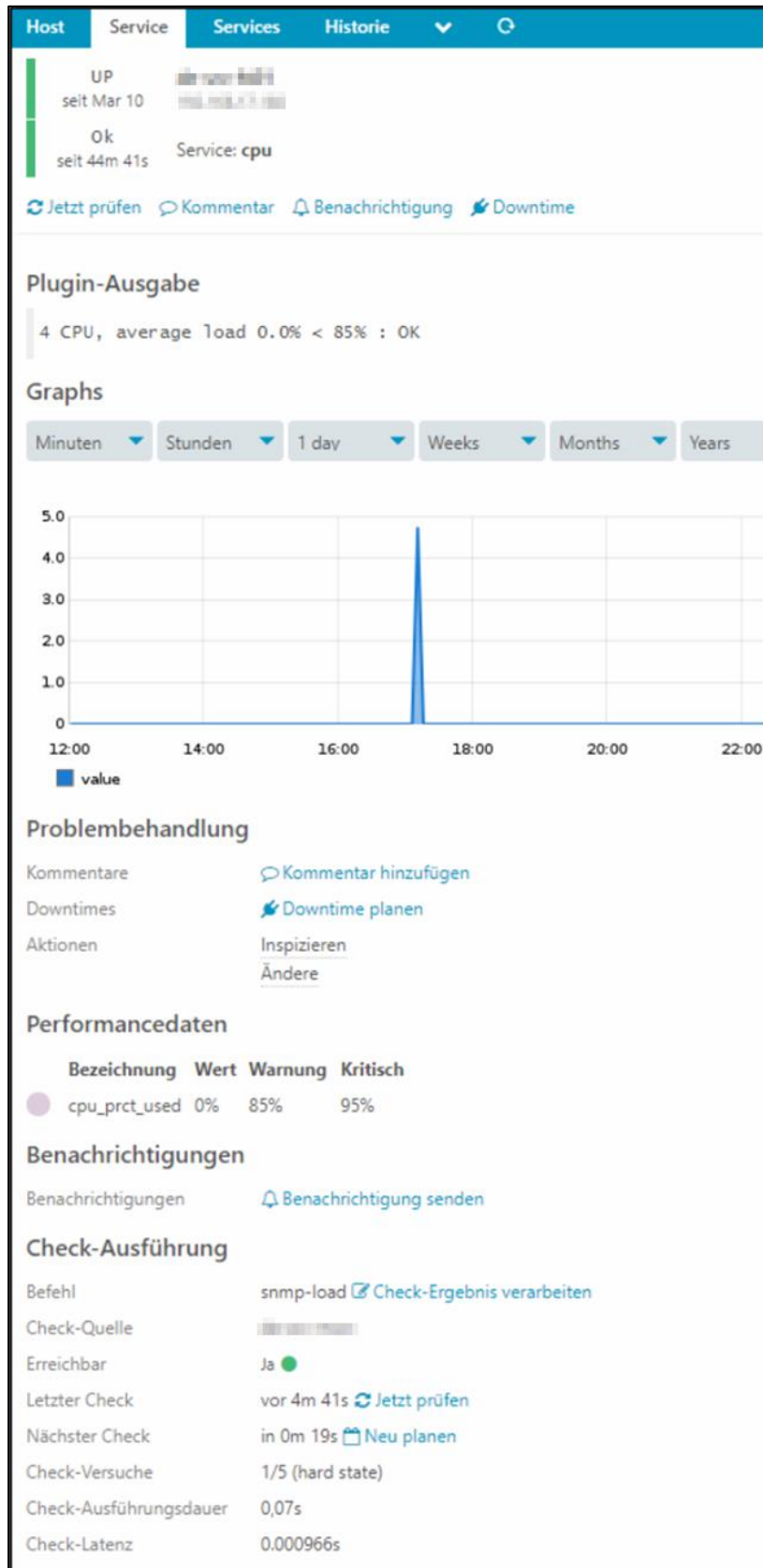
| Angepasste Variablen   |           |
|------------------------|-----------|
| graphite_check_command | icmp-host |
| os                     | Windows   |
| snmp_community         |           |

The Custom Variables section lists all host-specific variables, such as the OS variable.

In the last section of the host overview, the various functions can be activated or deactivated by simply ticking or unchecking the box. In this way, notifications for the host (not for its services!) can be deactivated simply by removing the check mark.

| Funktionsbefehle   |                                     |
|--------------------|-------------------------------------|
| Aktive Checks      | <input checked="" type="checkbox"/> |
| Passive Checks     | <input checked="" type="checkbox"/> |
| Benachrichtigungen | <input checked="" type="checkbox"/> |
| Eventhandler       | <input checked="" type="checkbox"/> |
| Flap-Erkennung     | <input type="checkbox"/>            |

## Overview page of a service



The overview page of a service has the same structure as the overview page of a host.

The description of the individual sections of the page can therefore be taken from the above description of the overview page of a host.

### Angepasste Variablen

|                          |       |
|--------------------------|-------|
| snmp_nocrypt             | true  |
| snmp_v2                  | true  |
| snmp_v3                  | false |
| snmp_v3_use_authprotocol | false |
| snmp_v3_use_privpass     | ***   |

## 1.1 troubleshooting

The troubleshooting buttons include the following options:

- Confirm problem ( Acknowledgment )
- add comment
- plan downtime

### Problembehandlung

Nicht bestätigt

[Bestätigen](#)

Kommentare

[Kommentar hinzufügen](#)

Downtimes

[Downtime planen](#)

### confirmation of a problem

To confirm a problem, the following input mask appears after clicking on "Confirm":

**Serviceproblem bestätigen**

Dieser Befehl wird verwendet, um Host- oder Service-Probleme zu bestätigen. Sobald ein Problem bestätigt wird, werden zukünftige Benachrichtigungen über Probleme vorübergehend deaktiviert, bis der entsprechende Host oder Service sich erholt.

Kommentar \*

Persistenter Kommentar ☐

Verfallszeitpunkt nutzen ☐

Sticky Bestätigung ☐

Benachrichtigung senden ☐

[Problem bestätigen](#)

\* Required field

Here, to confirm the problem, the following actions must be performed:

- Enter a comment describing why the problem was confirmed
- The check-boxes can be activated/deactivated at will,

The confirmation is then displayed on the overview page, and the host/service is marked with a small tick in the list view:

|                        |                   |
|------------------------|-------------------|
| KRITISCH<br>seit 14:49 | Service: disk-d ✓ |
|------------------------|-------------------|

## add comment

With this function a comment can be added to a host or service.

A new comment is also displayed on the overview page of a host/service.

### Kommentar zu Service hinzufügen

Dieser Befehl wird verwendet, um Host- oder Service-Kommentare hinzuzufügen.

Kommentar \* ⓘ

Kommentar hinzufügen

## plan downtime

When planning a downtime, a distinction must be made between two variants.

Variant 1 is the "Fixed Downtime". This has a fixed start and time. No notifications for status changes on this host/service will be sent during this specified period of time.

If the type is set to "flexible",

the area shown below also appears in the input mask. In addition to the start and end time, the duration of the downtime can also be specified here. If the affected host/service changes to a non-OK status within the period of start and end time, the downtime begins automatically and ends after the flexible duration set.

### Service-Downtime planen

Dieser Befehl wird verwendet, um Host- oder Service-Downtimes einzuplanen. Während einer solchen Downtime versendet Icinga keine Benachrichtigungen über die entsprechenden Hosts und Services. Sobald die Downtime verfällt, versendet Icinga die Benachrichtigungen wieder wie vorher. Geplante Downtimes bleiben über Herunterfahren und Neustart von Icinga hinweg erhalten.

Kommentar \* ⓘ

Typ \* ⓘ

Fest ▼

Anfangszeit \* ⓘ

2017-04-24T15:16:49

Endzeitpunkt \* ⓘ

2017-04-24T16:16:49

Downtime planen

\* Required field

end  
be  
of

### Flexible Dauer






Tragen Sie hier die gewünschte Dauer der Downtime ein. Die Downtime wird nach Ablauf dieser Zeit automatisch gelöscht.

Stunden \* 2

Minuten \* 0

## Remove acknowledgments, comments or downtimes

If a confirmation, a comment or a downtime is to be deleted, it is sufficient to remove it via the small "x" in the overview page of the corresponding host or service

|  |  |
|--|--|
| Bestätigt  | admin acknowledged vor 0m 12s                   |
|  | Test-Bestätigung   |
| Kommentare   | admin kommentiert vor 11m 13s                   |
|  <a href="#">Kommentar hinzufügen</a> | Test-Kommentar   |
| Downtimes  | admin created vor 1m 25s   läuft in 48m 13s ab  |
|  <a href="#">Downtime planen</a>      | Test-Downtime  |

