

Documentation Icinga Web 2 operation

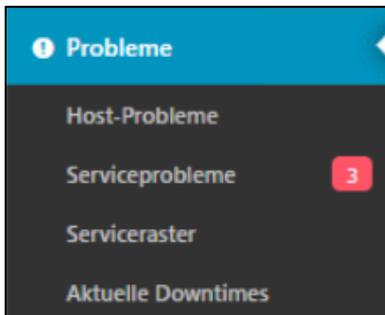
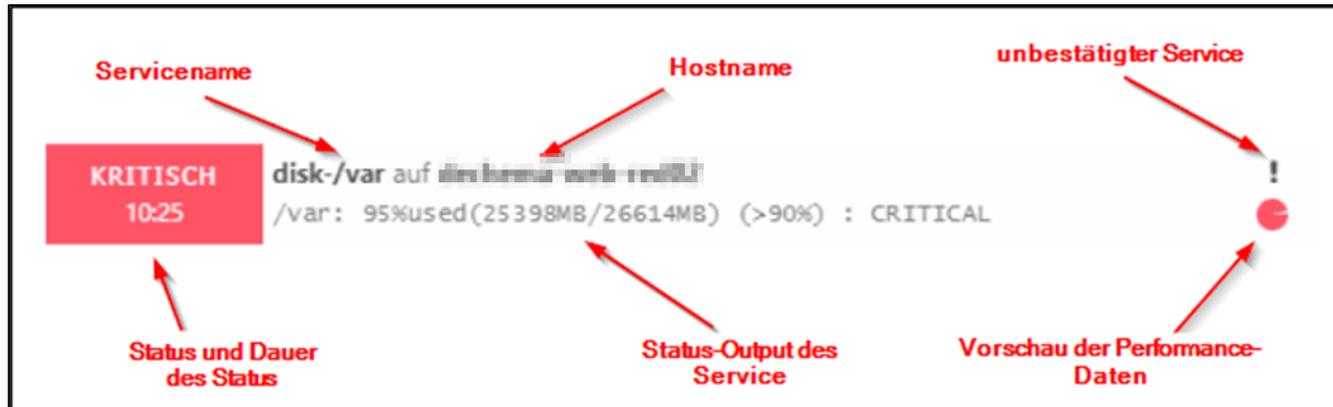
The screenshot displays the Icinga Web 2 monitoring interface. The left sidebar contains navigation options: Dashboard, Probleme (3), Übersicht, Icinga-Director, Virtualization (VMware), Historie, Graphite, System, and Konfiguration. The main content area is divided into three columns: Serviceprobleme, Vor kurzem erholte Services, and Host-Probleme. The Serviceprobleme column shows 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 column shows a list of services that have recently returned to an OK status, including swap, disk-c, memory, disk-z, swap, disk-c, cpu, and memory. The Host-Probleme column indicates that no hosts were found for the current filter.

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

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

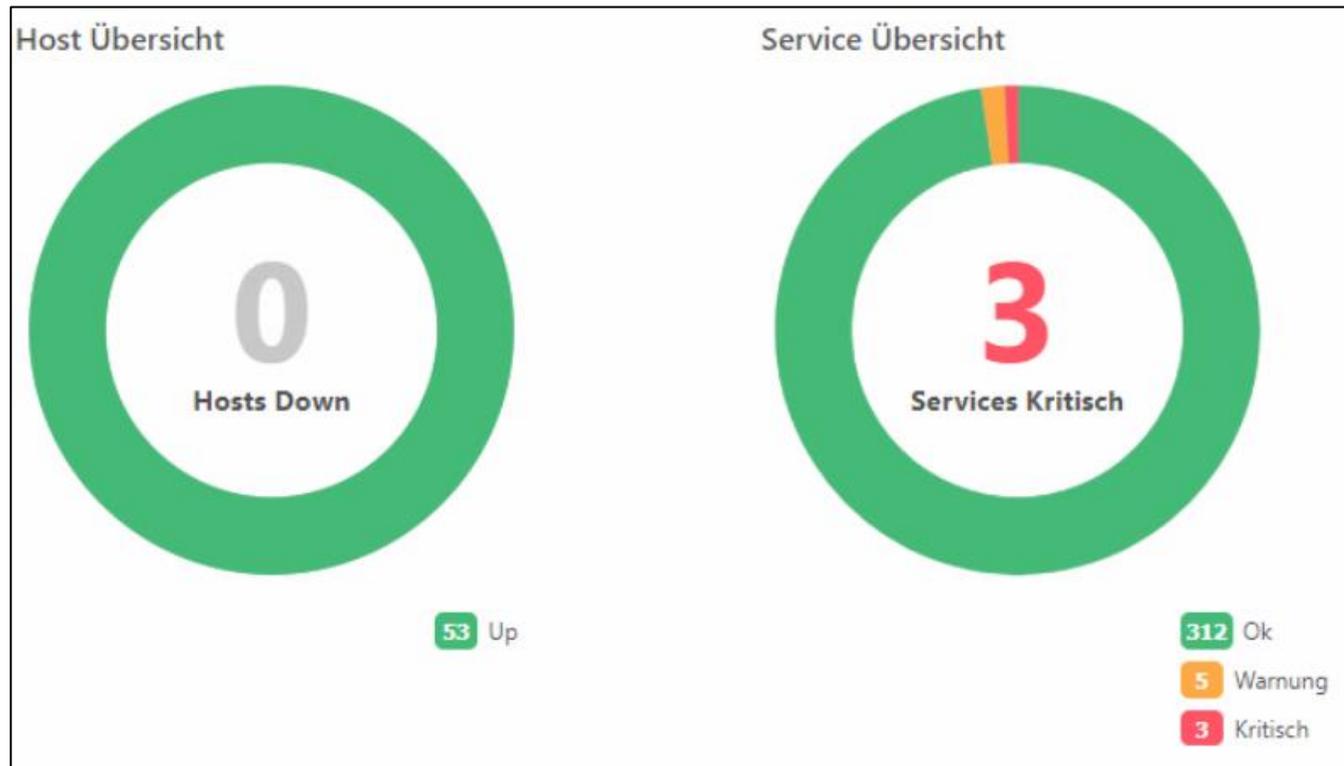
Clicking on the column headings in the dashboard takes you to the view for service or host problems.

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.

The screenshot shows a monitoring dashboard titled "Host Übersicht". On the left, a large green circle contains the number "0" and the text "Hosts Down". Below it, a smaller box displays "53 Up". A red arrow points from this box to a list of host status details on the right. The list includes a search bar "Suchen...", a filter "host_state = 0", and a vertical green bar. The list contains several entries, each with a status "UP", a timestamp, and a host name followed by connection details.

Status	Timestamp	Host Name	Details
UP	seit Feb 22	de-bremen-0204	OK - 193.188.18.24: rta 0.257ms, lost 0%
UP	seit 10:19	de-bremen-0205	OK - 193.188.17.177: rta 0.946ms, lost 0%
UP	seit Feb 10	de-bremen-0206	OK - 193.188.27.111: rta 0.112ms, lost 0%
UP	seit Feb 19	de-bremen-0207	OK - 193.188.25.11: rta 0.411ms, lost 0%
UP	seit Mar 2	de-bremen-0208	OK - 193.188.7.111: rta 0.143ms, lost 0%
UP	seit Feb 11	de-bremen-0209	OK - 193.188.17.186: rta 0.180ms, lost 0%
UP	seit 02:17	de-bremen-0210	OK - 193.188.25.55: rta 0.151ms, lost 0%

"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

UP	seit 10:41	OK - [IP]: [Port] rta 0.314ms, lost 0%
UP	seit 10:19	OK - [IP]: [Port] rta 0.329ms, lost 0% (1 unbestätigter Service)
UP	seit 10:07	OK - [IP]: [Port] rta 0.295ms, lost 0%
UP	seit 09:33	OK - [IP]: [Port] rta 0.474ms, lost 0%
UP	seit Mar 9	OK - [IP]: [Port] rta 0.511ms, lost 0% (1 unbestätigter Service)

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

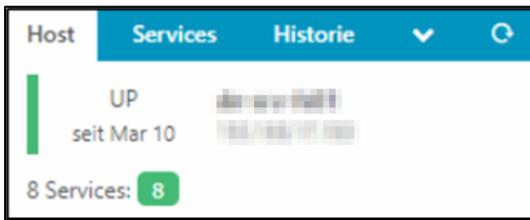
The service groups can be found under this menu item

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	Bestätigen
Kommentare	Kommentar hinzufügen
Downtimes	Downtime planen

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 Check-Ergebnis verarbeiten
Check-Quelle	
Erreichbar	Ja ●
Letzter Check	vor 1m 41s Jetzt prüfen
Nächster Check	in 3m 10s Neu planen
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

Host
Service
Services
Historie
▼
🔄

UP

seit Mar 10

Service: **cpu**

Ok

seit 44m 41s

[Jetzt prüfen](#)
[Kommentar](#)
[Benachrichtigung](#)
[Downtime](#)

Plugin-Ausgabe

4 CPU, average load 0.0% < 85% : OK

Graphs

Minuten
Stunden
1 day
Weeks
Months
Years

■ value

Problembehandlung

Kommentare
[Kommentar hinzufügen](#)

Downtimes
[Downtime planen](#)

Aktionen
[Inspizieren](#)

[Ändere](#)

Performancedaten

Bezeichnung	Wert	Warnung	Kritisch
● cpu_prct_used	0%	85%	95%

Benachrichtigungen

Benachrichtigungen
[Benachrichtigung senden](#)

Check-Ausführung

Befehl
snmp-load [Check-Ergebnis verarbeiten](#)

Check-Quelle

Erreichbar
Ja ●

Letzter Check
vor 4m 41s [Jetzt prüfen](#)

Nächster Check
in 0m 19s [Neu planen](#)

Check-Versuche
1/5 (hard state)

Check-Ausführungsdauer
0,07s

Check-Latenz
0.000966s

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 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 *

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 *

Anfangszeit *

Endzeitpunkt *

* Required field

end
be
of
the

Flexible Dauer

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

Stunden *

Minuten *

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 
 Kommentar hinzufügen	Test-Kommentar 
Downtimes	admin created vor 1m 25s läuft in 48m 13s ab 
 Downtime planen	Test-Downtime 

