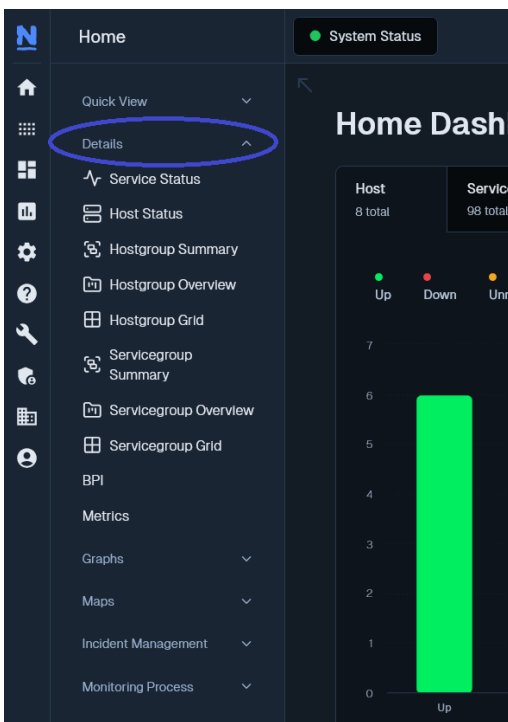


Utilizing Host and Service Details in Nagios XI 2024

Purpose

This document describes how to utilize the different features of the Nagios® XI™ interface to view detail information about hosts and services. The **Details** menu offers many different ways to view the status of your hosts and services. In larger environments users may want to view status by host or service group, yet smaller environments may prefer to view status by device.

Details Menu Overview



Nagios XI provides several options for viewing host and service details in your monitoring environment. Details can be viewed by:

- Individual Hosts or Services
- Host or Service Group Summaries
- Host or Service Group Overviews
- Host or Service Group Grids

You can access the **Details** menu by clicking on the **Home** menu item, then select the **Details** sub-menu to select your different viewing options.

Utilizing Host and Service Details in Nagios XI 2024

Service Detail

The **Service Detail** page displays a complete list of all services currently being monitored in a table format.

Services are color-coded based on their status.

To see more information about a particular service, click a link in the **Service** column to access the **Service Status Detail** page.

The screenshot displays the Nagios XI interface. The left sidebar contains a navigation menu with 'Service Status' highlighted. The main content area shows the 'Service Status' page for 'all services'. A table lists the following services:

Host	Service	Status	Duration	Attempt	Last Check	Status Information
192.168.107.60	CPU Usage	Ok	19h 47m 29s	1/5	2024-11-29 23:18:34	OK: Percent was 0.91 %
	Disk Usage on C:/	Ok	8d 1h 41m 57s	1/5	2024-11-29 23:18:49	OK: Used disk space was 63.80 % (Used: 1088.59 GiB, Free: 605.47 GiB, Total: 1674.06 GiB)
	Disk Usage on C:/ Alternate	Unknown	7d 20h 18m 21s	5/5	2024-11-29 23:17:48	NSClient - ERROR: No performance data from command: check_drivesize
	Ethernet 2 Bandwidth - Inbound	Ok	8d 1h 40m 57s	1/5	2024-11-29 23:17:41	OK: Bytes_recv was 0.00 MB/s
	Ethernet 2 Bandwidth - Outbound	Ok	8d 1h 40m 8s	1/5	2024-11-29 23:18:11	OK: Bytes_sent was 0.00 MB/s

To view the **Host Details** of a particular host, click a link under the **Host** column.

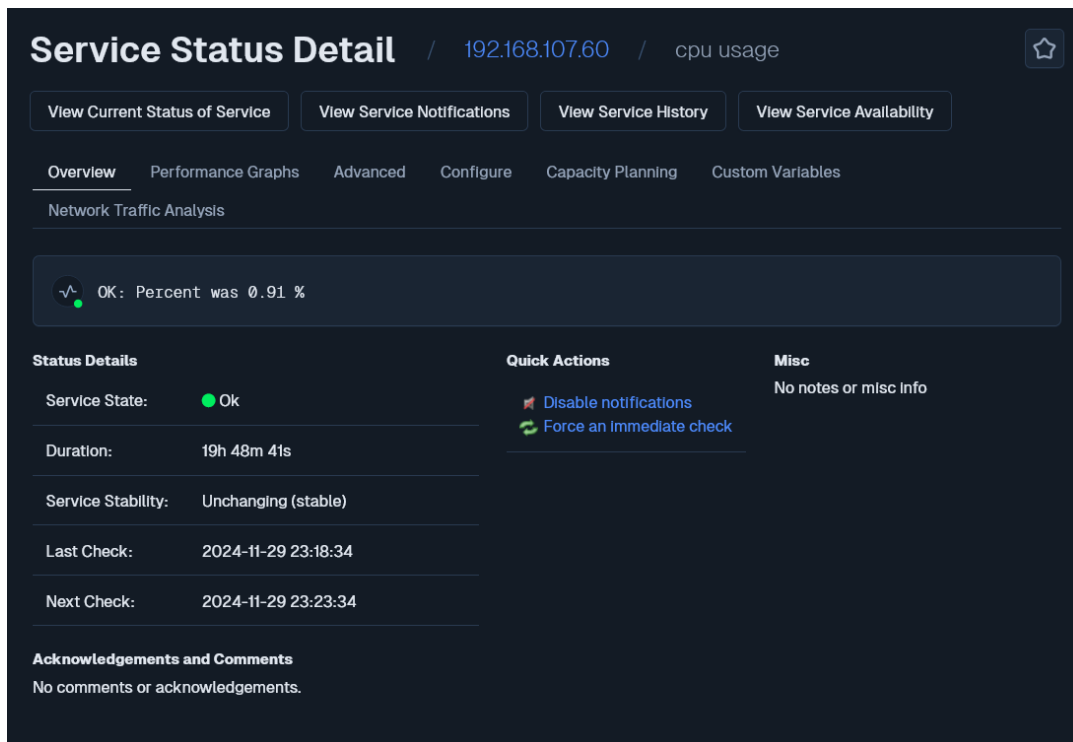
The **Service Status Detail** page gives access to all of the statistics for that service, accessible via multiple tabs. The **Overview** is the first tab that is displayed.

Utilizing Host and Service Details in Nagios XI 2024

Overview

Displays basic service information such as state, duration service has been in this state, stability (hard or soft state), last check time and next check time. **Quick Actions** allows **Disable/Enable notifications** as well as being able to **Force an immediate check**. Other actions defined in the Actions component will appear in this list.

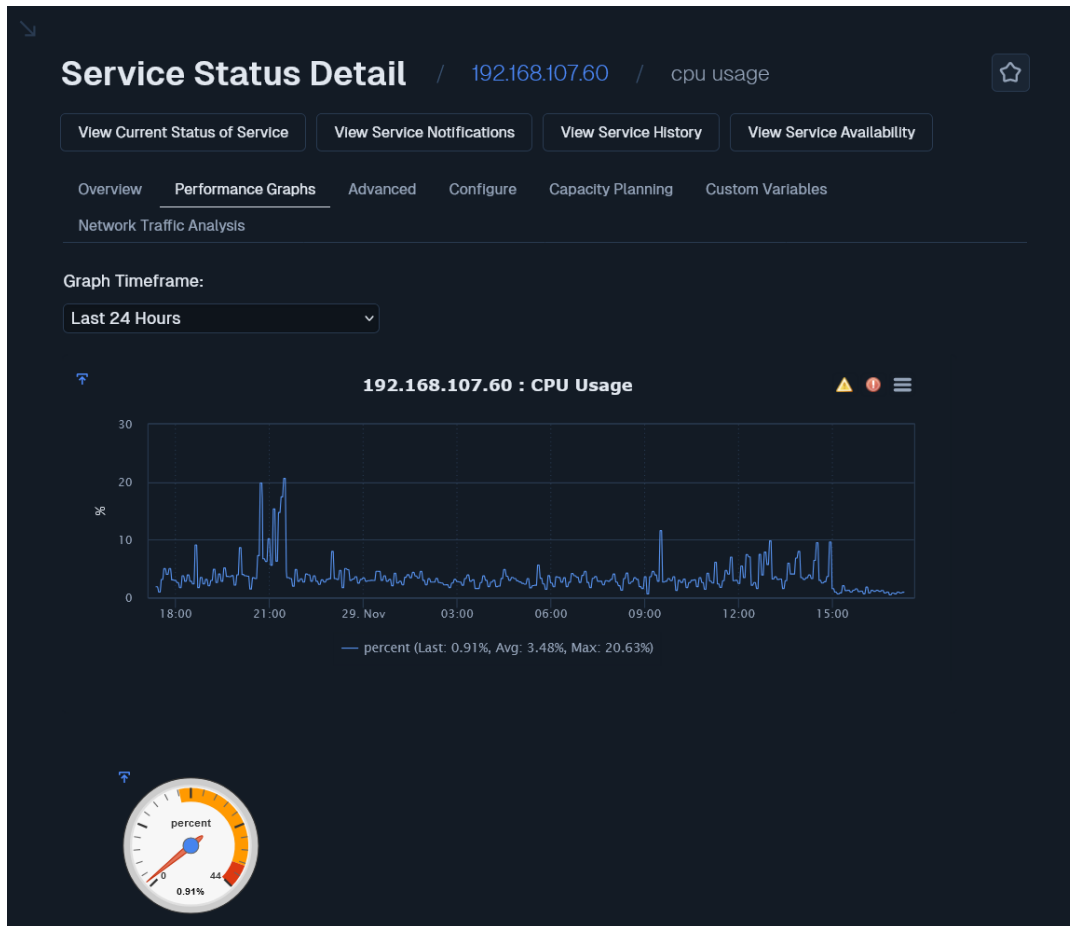
Any **Acknowledgments** or **Comments** will appear on the **Overview tab**.



The screenshot shows the 'Service Status Detail' page for host 192.168.107.60 and service 'cpu usage'. The page is dark-themed and includes a navigation bar with tabs: Overview (selected), Performance Graphs, Advanced, Configure, Capacity Planning, and Custom Variables. Below the navigation bar, there are four buttons: 'View Current Status of Service', 'View Service Notifications', 'View Service History', and 'View Service Availability'. A status bar shows a green checkmark and the text 'OK: Percent was 0.91 %'. The main content area is divided into three columns: 'Status Details', 'Quick Actions', and 'Misc'. 'Status Details' lists: Service State: Ok (with a green dot), Duration: 19h 48m 41s, Service Stability: Unchanging (stable), Last Check: 2024-11-29 23:18:34, and Next Check: 2024-11-29 23:23:34. 'Quick Actions' includes 'Disable notifications' and 'Force an Immediate check'. 'Misc' shows 'No notes or misc info'. At the bottom, there is a section for 'Acknowledgements and Comments' with the text 'No comments or acknowledgements.'

Utilizing Host and Service Details in Nagios XI 2024

Performance Graphs



Displays graph for the service (Last 24 Hours by default).

A **Gauge** will also be displayed if the performance data contains warning and/or critical thresholds.

The graph data is pulled from the round robin database (RRD), hence values will be averaged as you look at performance graphs for larger time periods (weeks, months).

The gauge data is taken from the last check result received by the service when it was populated into the RRD file. The data is in an accompanying XML file in the same directory as the RRD file.

If the service does not produce performance data, the tab will still appear but no graphs will be shown.

Utilizing Host and Service Details in Nagios XI 2024

Advanced

The **Advanced Status Details** table shows more detailed information about the service.

The screenshot shows the 'Service Status Detail' page for host 192.168.107.60 and service 'cpu usage'. The page has a dark theme and includes navigation tabs for Overview, Performance Graphs, **Advanced**, Configure, Capacity Planning, and Custom Variables. Below the tabs are buttons for 'View Current Status of Service', 'View Service Notifications', 'View Service History', and 'View Service Availability'. The main content is divided into two sections: 'Advanced Status Details' and 'Service Attributes'.

Advanced Status Details

Service State:	● Ok
Duration:	19h 50m 14s
State Type:	Hard
Current Check:	1 of 5
Last Check:	2024-11-29 23:18:34
Next Check:	2024-11-29 23:23:34
Last State Change:	2024-11-29 03:32:27
Last Notification:	Never
Check Type:	Active
Check Latency:	0.012916999869048595 seconds
Execution Time:	0.875925 seconds
State Change:	0%
Performance Data:	'percent'=0.91%;20;40;

Service Attributes

Attribute	State	Action
Active Checks	●	✕
Passive Checks	●	✕
Notifications	●	✕
Flap Detection	●	✕
Event Handler	●	✕
Performance Data	●	
Obsession	●	✕

Commands

- Add comment
- Schedule downtime
- Submit passive check result
- Send custom notification

The **Service Attributes** table displays the current state of each attribute as well as the ability to enable or disable the attributes. In the state column, if an attribute is:

- Enabled then the circle will be a green color AND in the **Action** column the ✕ can be clicked to disable the attribute
- Disabled then the circle will be a gray or red color AND in the **Action** column the ✓ can be clicked to enable the attribute

Utilizing Host and Service Details in Nagios XI 2024

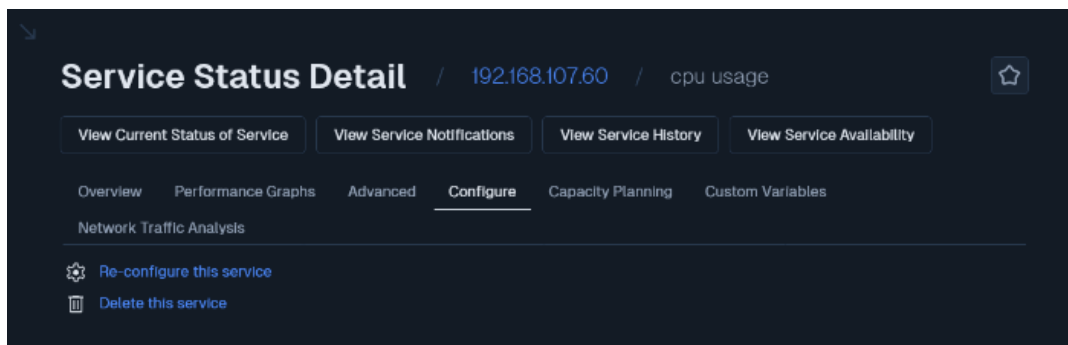
The **Commands** table allows you to:

- **Add comment**
 - Create a comment that will appear on the **Overview** tab.
- **Schedule downtime**
 - Define scheduled downtime for the service.
- **Submit passive check result**
 - Allows you to manually define the state of the service, most useful with **Passive** services. If this is an active service then the check result you submit will be overwritten by the check results of the next service check interval.
- **Send custom notification**
 - This will send a custom notification to all the contacts configured to receive notifications for this service.
- **Delay next notification**
 - This allows you to delay the next problem notification that is sent out for the specified service. The notification delay will be disregarded if the service changes state before the next notification is scheduled to be sent out. This has no effect if the service is currently in an OK state.

Under **More Options** there is also a link **View in Nagios Core** for those more familiar with the Nagios Core layout.

Configure

For standard services you have the ability to **re-configure** or **delete** the service.



If the service utilizes any advanced features, such as being assigned to multiple hosts then you will not be able to use either option, you will receive an error. You will need to use **Core Config Manager (CCM)** to make any changes instead.

Utilizing Host and Service Details in Nagios XI 2024

When using **re-configure** the options available are similar to a configuration wizard.

Configure Service / 192.168.107.60 / cpu usage

Note: You may update basic settings for the service below or use the [Nagios Core Config Manager](#) to modify advanced settings for this service. Service attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications Groups

Change basic service settings.

Host Name:
The unique name of the host.

Service Description:
The unique description of the service.

Display Name:

Configure Service / 192.168.107.60 / cpu usage

Note: You may update basic settings for the service below or use the [Nagios Core Config Manager](#) to modify advanced settings for this service. Service attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications Groups

Specify the parameters that determine how the service should be monitored.

Under normal circumstances:

Monitor the service every minutes.

When a potential problem is first detected:

Re-check the service every minutes up to times before generating an alert.

Monitor the service with this command: (Advanced users only)

Utilizing Host and Service Details in Nagios XI 2024

Configure Service / 192.168.107.60 / cpu usage

Note: You may update basic settings for the service below or use the [Nagios Core Config Manager](#) to modify advanced settings for this service. Service attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring **Notifications** Groups

Specify the parameters that determine how notifications should be sent for the service.

When a problem is detected:

- Don't send any notifications
- Send a notification immediately
- Wait 15 minutes before sending a notification

If problems persist:

Send a notification every 60 minutes until the problem is resolved.

Send alert notifications to:

- Myself ([Adjust settings](#))
- Other individual contacts

Specific contact groups

- All Contacts (x1_contactgroup_all)
- Nagios Administrators (admins)

Configure Service / 192.168.107.60 / cpu usage

Note: You may update basic settings for the service below or use the [Nagios Core Config Manager](#) to modify advanced settings for this service. Service attribute values which are inherited from advanced templates are not shown below.

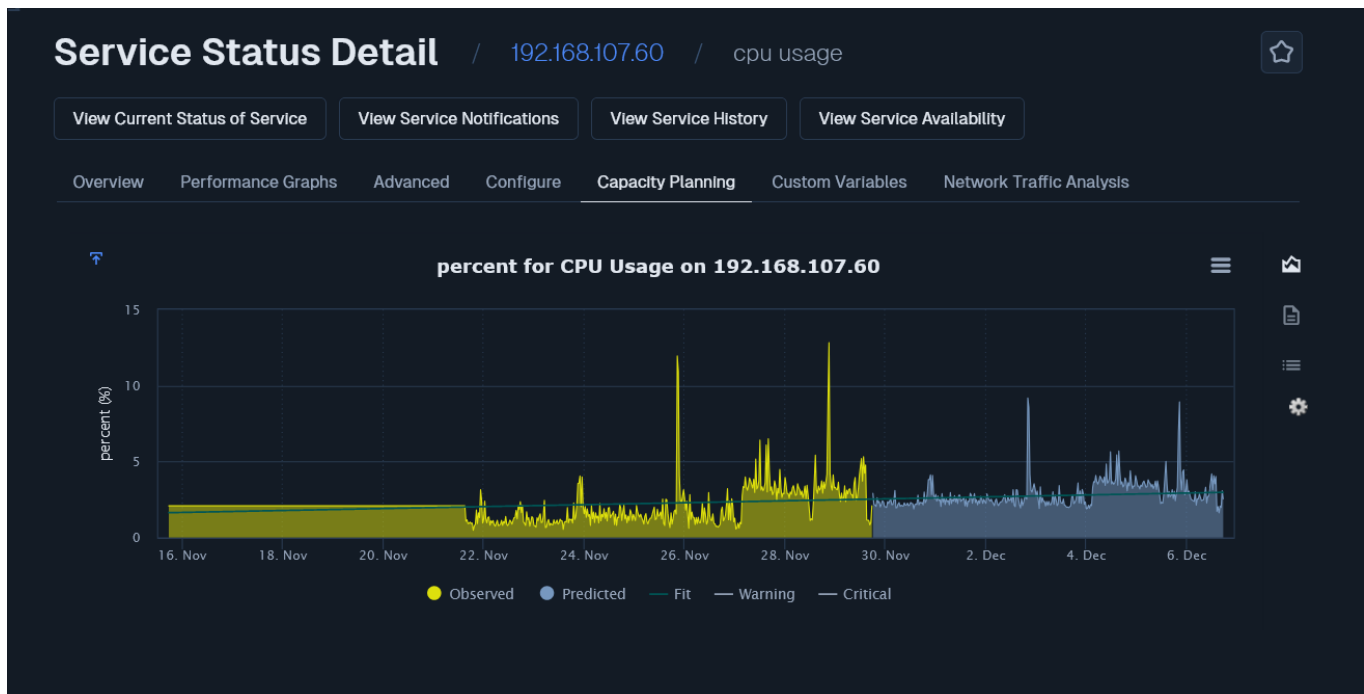
Attributes Monitoring Notifications **Groups**

Define which servicegroup(s) the monitored service(s) should belong to (if any).

Utilizing Host and Service Details in Nagios XI 2024

Capacity Planning

[Capacity planning](#) allows you to predict future trends based on the existing performance data. Use the gear icon on the far right to change options such as **Time Period** and **Extrapolation Method**.



Capacity planning is only available for services that have performance graphs.

Custom Variables

Free variables are an advanced feature of Nagios Core that allows custom directives with values to be stored in a service object.

The screenshot shows the 'Service Status Detail' page for the host '192.168.107.60' and service 'cpu usage'. The 'Custom Variables' tab is selected, displaying a table of custom variables. The table has two columns: 'Name' and 'Value'. The only variable listed is 'XIWIZARD' with the value 'nca'.

Name	Value
XIWIZARD	nca

If your service has any free variables defined then they will appear here in a table for your reference.

Utilizing Host and Service Details in Nagios XI 2024

Network Traffic Analysis

This tab connects to **Nagios Network Analyzer** to provide traffic reporting.

Service Status Detail

 / 192.168.107.60 / cpu usage ☆

[View Current Status of Service](#) [View Service Notifications](#) [View Service History](#) [View Service Availability](#)

[Overview](#) [Performance Graphs](#) [Advanced](#) [Configure](#) [Capacity Planning](#) [Custom Variables](#) [Network Traffic Analysis](#)

Network Analyzer Server Integration Required

In order to run reports or queries from your Nagios Network Analyzer servers, you'll need to add them in the [Nagios Network Analyzer configuration menu](#). To add servers, you'll need the IP address and an API Key for the server. We recommend creating a specific user and use that API Key for Nagios XI integration.

[Configure Network Analyzer Integration](#)

Don't Have Nagios Network Analyzer?

Nagios Network Analyzer is an enterprise-grade tool for monitoring network activity and traffic using NetFlow and sFlow. Learn more by visiting go.nagios.com/networkanalyzer

Free 30-day trial available.

[Learn More About Network Analyzer](#)

Utilizing Host and Service Details in Nagios XI 2024

Host Detail

The **Host Detail** page displays a complete list of all hosts currently being monitored in a table format. Hosts are color-coded based on their status. To see more information about a particular host, click a link in the **Host** column to access the **Host Status Detail** page.

The screenshot displays the Nagios XI interface for the 'Host Status' page. At the top, there are navigation elements including 'Views', 'System Status', and search options. The main content area is divided into two summary cards: 'Host Status Summary' and 'Service Status Summary'. Below these is a table listing individual hosts with columns for Host, Status, Duration, Attempt, Last Check, and Status Information. The table shows five entries, including IP addresses and the domain 'exchange.nagios.org'.

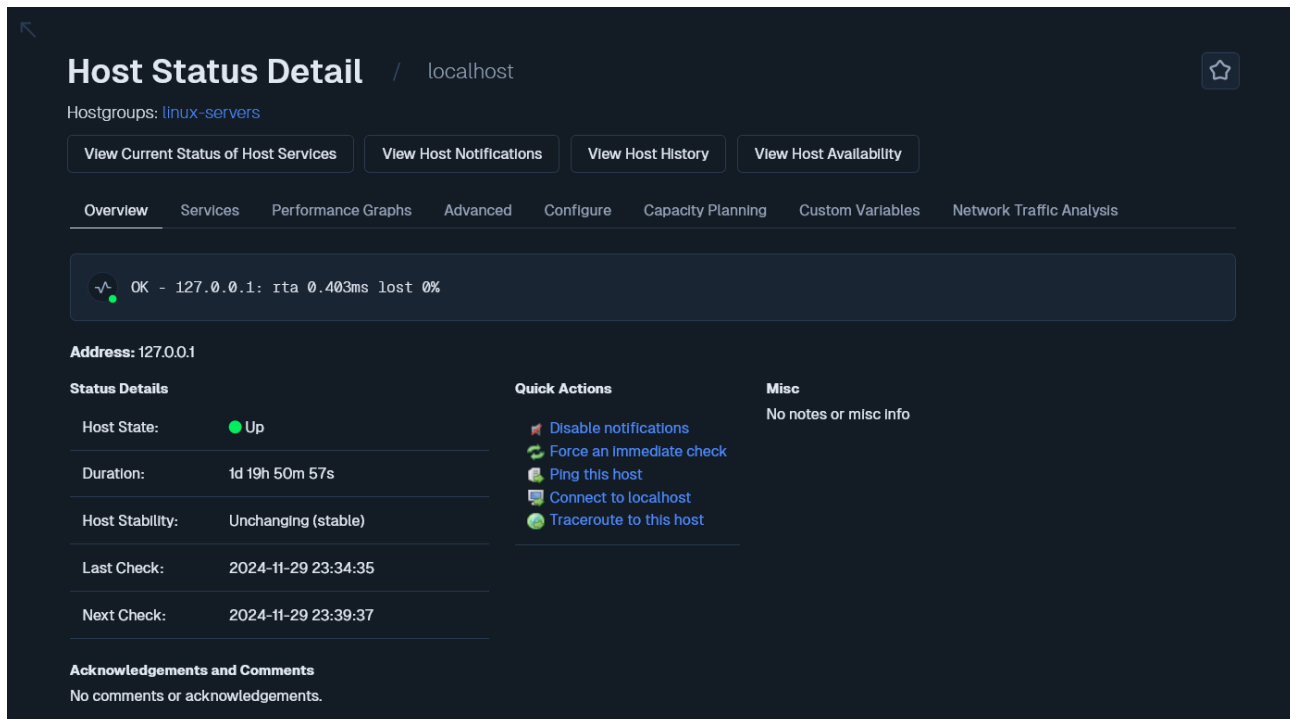
Host	Status	Duration	Attempt	Last Check	Status Information
192.168.107.60	Pending	8d 2h 0m 50s	1/5	N/A	Host check is pending ... Check is scheduled for 2024-11-29 23:43:11
192.168.157.129	Up	1d 19h 49m 4s	1/5	2024-11-29 23:37:09	OK - 192.168.157.129: rta 0.480ms lost 0%
192.168.157.131	Down	3d 19h 40m 3ts	5/5	2024-11-29 23:33:29	CRITICAL - 192.168.157.131: Host unreachable @ 192.168.157.129. rta nan, lost 100%
192.168.157.133	Up	1d 4h 38m 0s	1/5	2024-11-29 23:37:22	OK: Agent_version was ['3.1.1']
exchange.nagios.org	Up	2h 17m 42s	1/5	2024-11-29 23:37:12	TCP OK - 0.064 second response time on exchange.nagios.org port 443

The **Host Status Detail** page gives access to all of the statistics for that service, accessible via multiple tabs. The **Overview** is the first tab that is displayed.

Utilizing Host and Service Details in Nagios XI 2024

Overview

Displays basic host information such as state, duration host has been in this state, stability (hard or soft state), last check time and next check time.



The screenshot shows the 'Host Status Detail' page for 'localhost'. At the top, there's a navigation bar with 'Overview' selected and other tabs like 'Services', 'Performance Graphs', 'Advanced', 'Configure', 'Capacity Planning', 'Custom Variables', and 'Network Traffic Analysis'. Below the navigation bar, there are four buttons: 'View Current Status of Host Services', 'View Host Notifications', 'View Host History', and 'View Host Availability'. The main content area shows a status bar with a green dot and the text 'OK - 127.0.0.1: rta 0.403ms lost 0%'. Below this, there's a section for 'Address: 127.0.0.1'. The 'Status Details' section includes: Host State: Up (green dot), Duration: 1d 19h 50m 57s, Host Stability: Unchanging (stable), Last Check: 2024-11-29 23:34:35, and Next Check: 2024-11-29 23:39:37. The 'Quick Actions' section lists: Disable notifications, Force an immediate check, Ping this host, Connect to localhost, and Traceroute to this host. The 'Misc' section shows 'No notes or misc info'. At the bottom, there's a section for 'Acknowledgements and Comments' with the text 'No comments or acknowledgements.'

Quick Actions allows:

- Disable/Enable notifications
- Force an immediate check
- Ping the host
- Connect to the host (RDP, VCN, Telnet, SSH)
- Traceroute the host

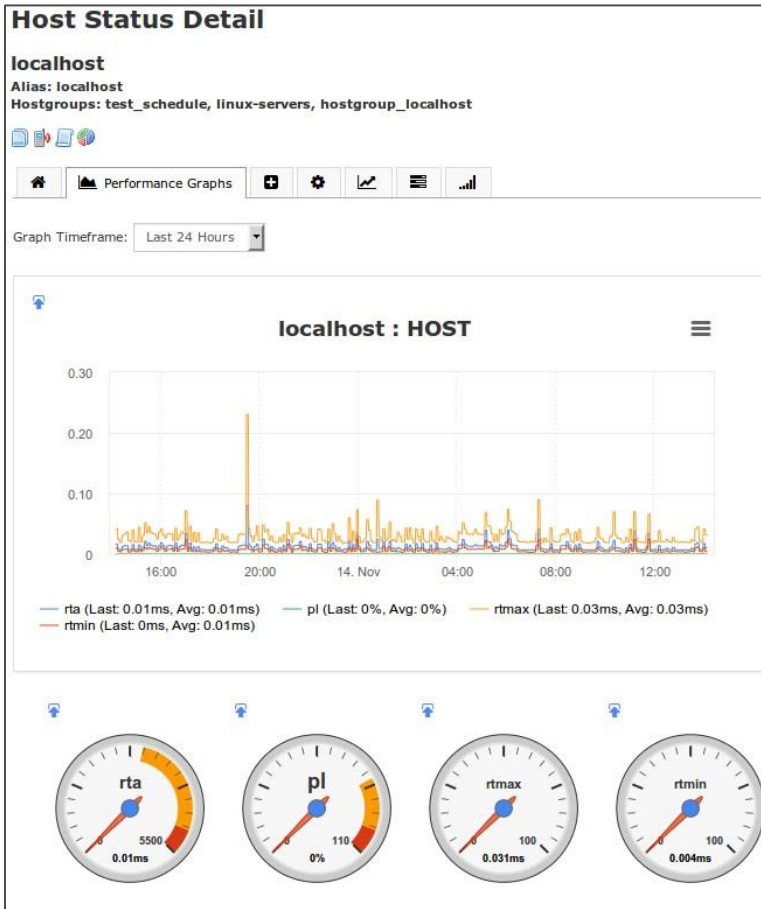
Other actions defined in the **Actions** component will appear in this list.

Any **Acknowledgments** or **Comments** will appear on the **Overview** tab.

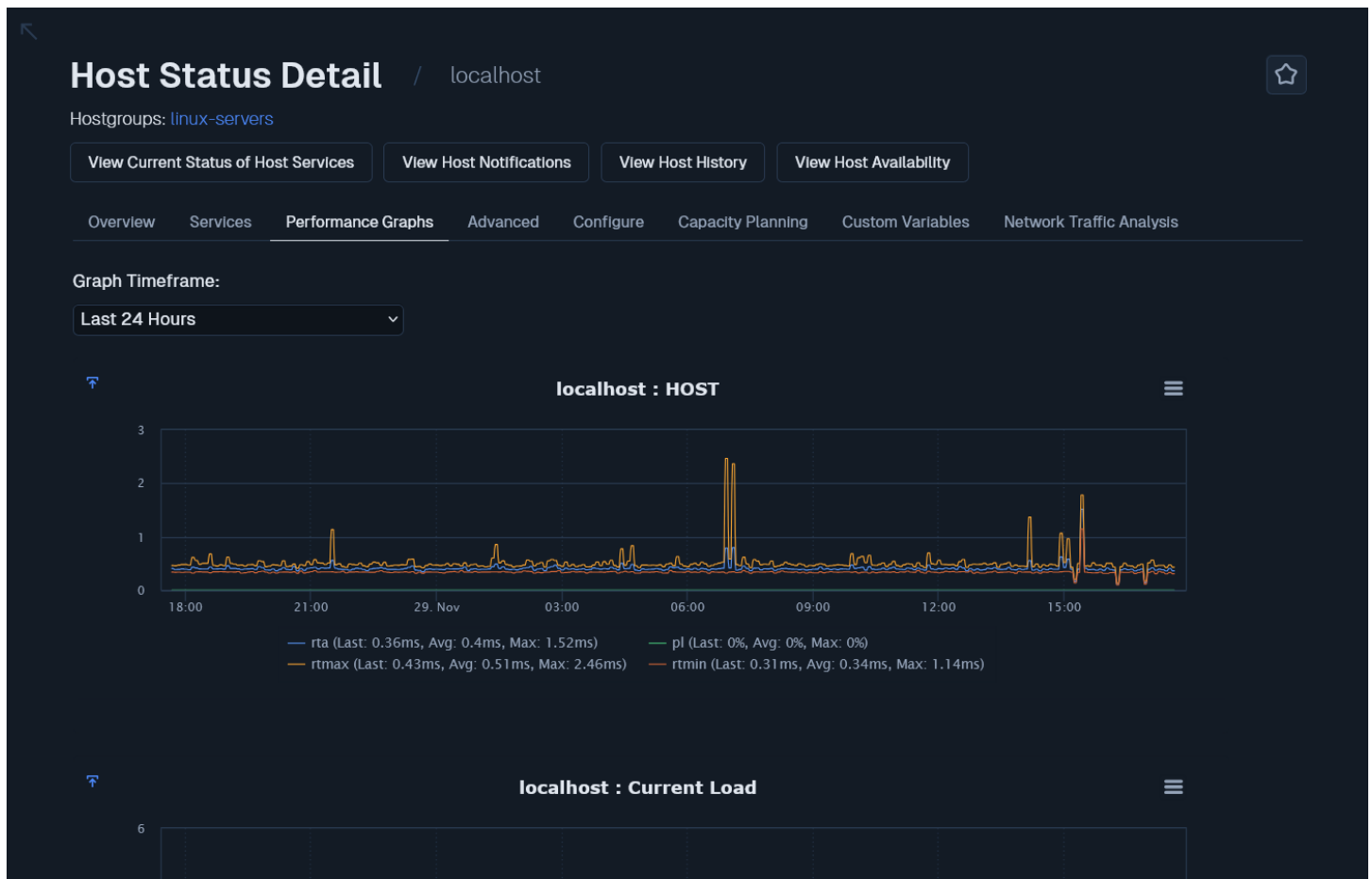
Utilizing Host and Service Details in Nagios XI 2024

Performance Graphs

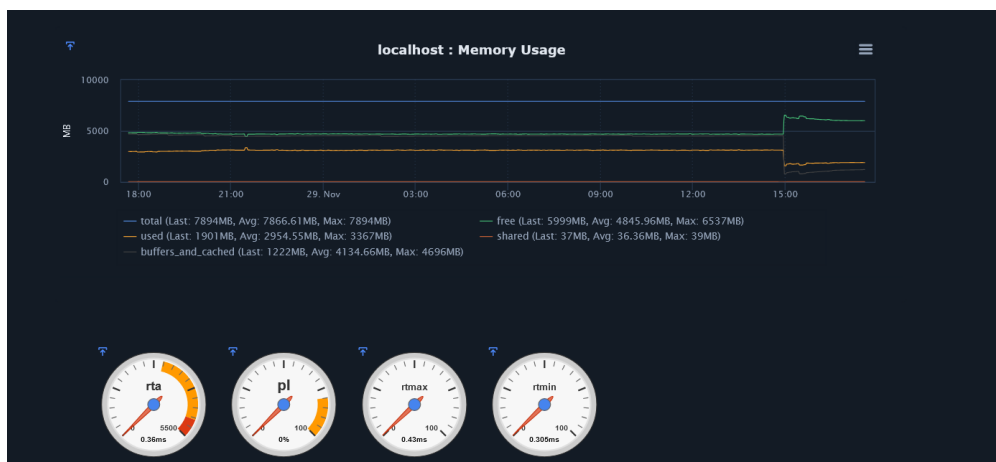
Displays graph for the host object and the first four services for the host (Last 24 Hours by default). There is a link at the bottom **More Performance Graphs** that will allow you to browse all the performance graphs of the services assigned to the host.



Utilizing Host and Service Details in Nagios XI 2024



A **Gauge** will also be displayed if the host object performance data contains warning and/or critical thresholds.



Utilizing Host and Service Details in Nagios XI 2024

The graph data is pulled from the round robin database (RRD), hence values will be averaged as you look at performance graphs for larger time periods (weeks, months).

The gauge data is taken from the last check result received by the host when it was populated into the RRD file. The data is in an accompanying XML file in the same directory as the RRD file.

If the host does not produce performance data, the tab will still appear but no host graphs will be shown (service graphs will be shown if they exist).

Advanced

The **Advanced Status Details** table shows more detailed information about the host.

The screenshot displays the 'Host Status Detail' page for 'localhost'. The page includes navigation tabs for Overview, Services, Performance Graphs, **Advanced**, Configure, Capacity Planning, Custom Variables, and Network Traffic Analysis. Below the tabs are four buttons: 'View Current Status of Host Services', 'View Host Notifications', 'View Host History', and 'View Host Availability'. The 'Advanced' tab is active, showing two main sections: 'Advanced Status Details' and 'Host Attributes'.

Advanced Status Details

Host State:	● Up
Duration:	1d 19h 53m 8s
State Type:	Hard
Current Check:	1 of 10
Last Check:	2024-11-29 23:39:37
Next Check:	2024-11-29 23:44:37
Last State Change:	2024-11-28 03:48:28
Last Notification:	Never
Check Type:	Active
Check Latency:	0.007151000201702118 seconds
Execution Time:	0.031388 seconds
State Change:	0%

Host Attributes



Attribute	State	Action
Active Checks	●	×
Passive Checks	●	×
Notifications	●	×
Flap Detection	●	×
Event Handler	●	×
Performance Data	●	
Obsession	●	×

Commands

- [Add comment](#)
- [Schedule downtime](#)

Utilizing Host and Service Details in Nagios XI 2024

The **Host Attributes** table displays the current state of each attribute as well as the ability to enable or disable the attributes. In the state column, if an attribute is:

- Enabled then the circle will be a green color AND in the **Action** column the  can be clicked to disable the attribute
- Disabled then the circle will be a gray or red color AND in the **Action** column the  can be clicked to enable the attribute

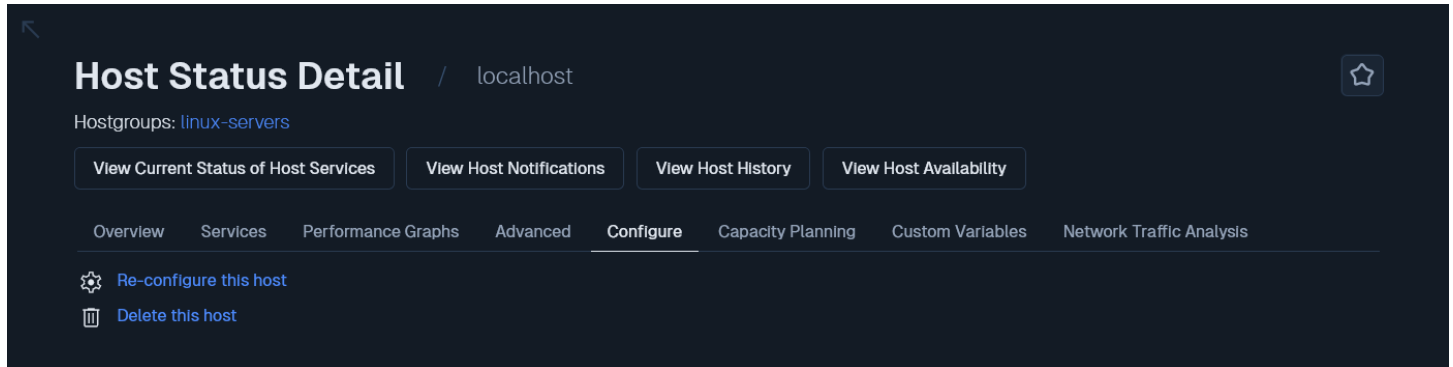
The **Commands** table allows you to:

- **Add comment**
 - Create a comment that will appear on the **Overview** tab.
- **Schedule downtime**
 - Define scheduled downtime for the host.
- **Schedule downtime for all services on this host**
 - Define scheduled downtime for all the services on the host (saves having to schedule each service individually).
- **Forced immediate check for host and all services**
 - Force Nagios XI to immediately perform the host check and all service checks.
- **Submit passive check result**
 - Allows you to manually define the state of the host, most useful with Passive hosts. If this is an active host then the check result you submit will be overwritten by the check results of the next host check interval.
- **Send custom notification**
 - This will send a custom notification to all the contacts configured to receive notifications for this host.
- **Delay next notification**
 - This allows you to delay the next problem notification that is sent out for the specified host. The notification delay will be disregarded if the host changes state before the next notification is scheduled to be sent out. This has no effect if the host is currently in an UP state.

Under **More Options** there is also a link **View in Nagios Core** for those more familiar with the Nagios Core layout.

Utilizing Host and Service Details in Nagios XI 2024

Configure



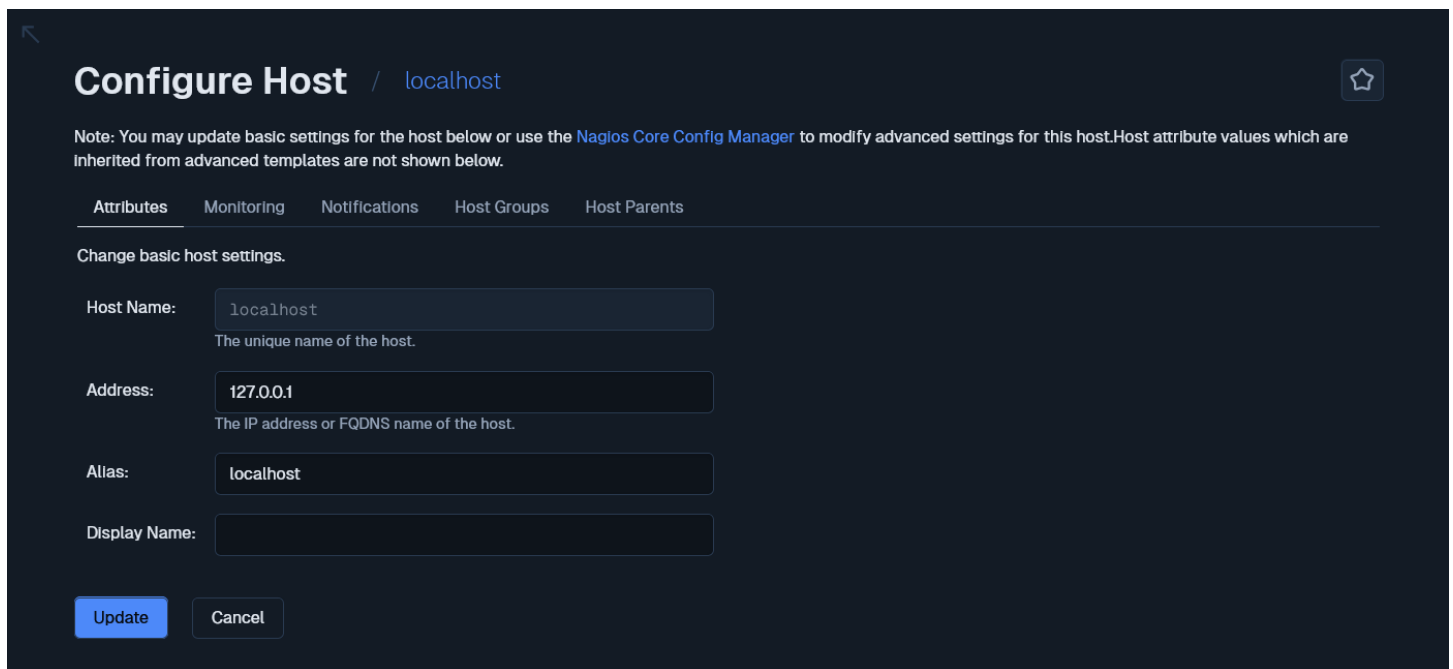
The screenshot shows the 'Host Status Detail' page for 'localhost'. The page title is 'Host Status Detail / localhost'. Below the title, it shows 'Hostgroups: linux-servers'. There are four buttons: 'View Current Status of Host Services', 'View Host Notifications', 'View Host History', and 'View Host Availability'. A navigation bar includes 'Overview', 'Services', 'Performance Graphs', 'Advanced', 'Configure' (selected), 'Capacity Planning', 'Custom Variables', and 'Network Traffic Analysis'. At the bottom, there are two options: 'Re-configure this host' (with a gear icon) and 'Delete this host' (with a trash icon).

For standard hosts you have the ability to re-configure or delete the host.

If the host utilizes any advanced features then you may not be able to use either option, you will receive an error. You will need to use **Core Configuration Manager (CCM)** to make any changes instead.

A host object cannot be deleted until all of the services assigned to it have also been deleted.

When using **re-configure** the options available are similar to a configuration wizard.



The screenshot shows the 'Configure Host' page for 'localhost'. The page title is 'Configure Host / localhost'. A note states: 'Note: You may update basic settings for the host below or use the Nagios Core Config Manager to modify advanced settings for this host. Host attribute values which are inherited from advanced templates are not shown below.' There are five tabs: 'Attributes' (selected), 'Monitoring', 'Notifications', 'Host Groups', and 'Host Parents'. Below the tabs, it says 'Change basic host settings.' There are four input fields: 'Host Name' (localhost), 'Address' (127.0.0.1), 'Alias' (localhost), and 'Display Name' (empty). At the bottom, there are two buttons: 'Update' and 'Cancel'.

Utilizing Host and Service Details in Nagios XI 2024

Configure Host / localhost ☆

Note: You may update basic settings for the host below or use the [Nagios Core Config Manager](#) to modify advanced settings for this host. Host attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications Host Groups Host Parents

Specify the parameters that determine how the host should be monitored.

Under normal circumstances

Monitor the host every minutes.

When a potential problem is first detected:

Re-check the host every minutes up to times before generating an alert.

Monitor the host with this command: (Advanced users only)

Configure Host / localhost ☆

Note: You may update basic settings for the host below or use the [Nagios Core Config Manager](#) to modify advanced settings for this host. Host attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications Host Groups Host Parents

Specify the parameters that determine how notifications should be sent for the host.

When a problem is detected:

- Don't send any notifications
- Send a notification immediately
- Wait minutes before sending a notification

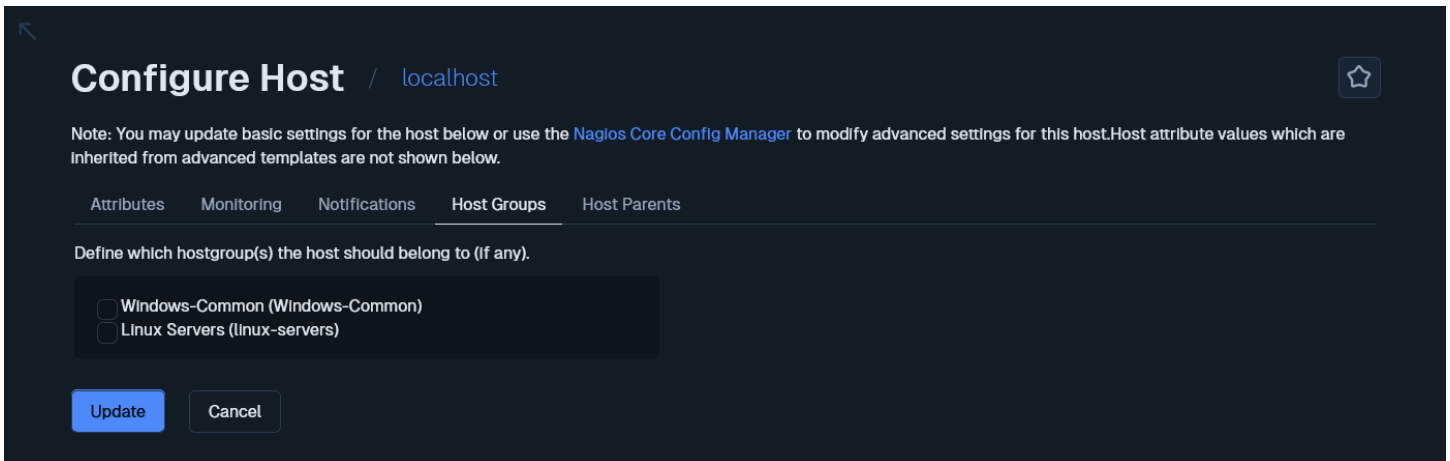
If problems persist:

Send a notification every minutes until the problem is resolved.

Send alert notifications to:

- Myself ([Adjust settings](#))
- Other individual contacts

Utilizing Host and Service Details in Nagios XI 2024



Configure Host / localhost

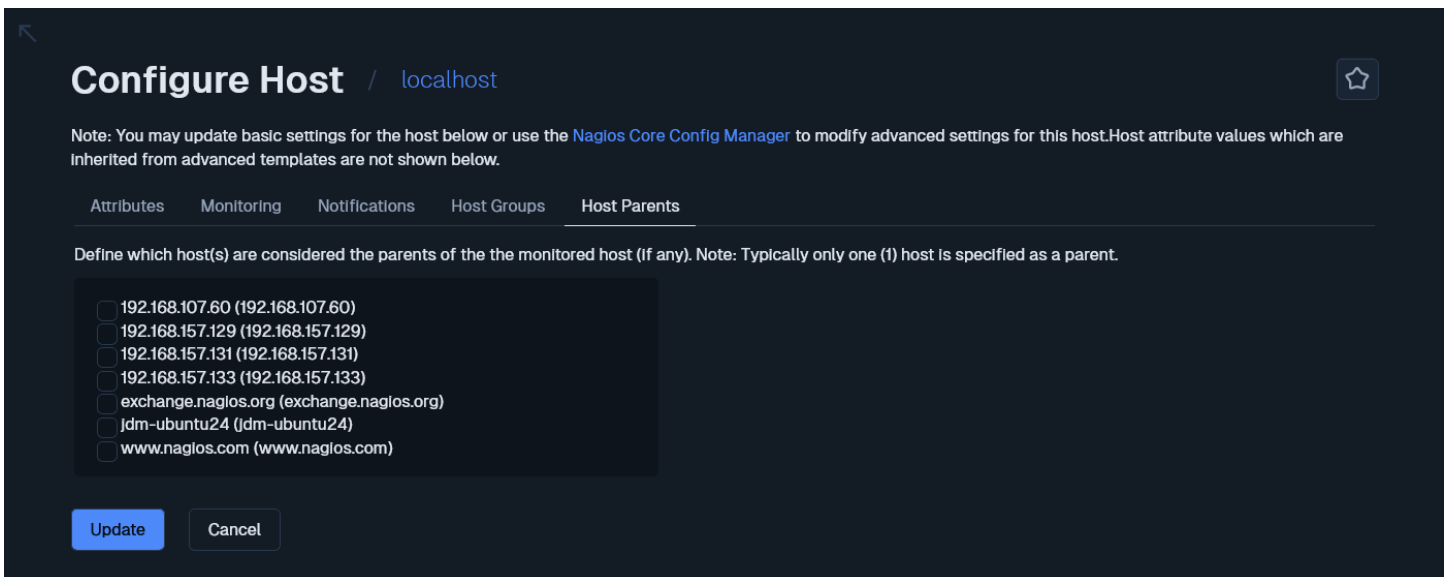
Note: You may update basic settings for the host below or use the [Nagios Core Config Manager](#) to modify advanced settings for this host. Host attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications **Host Groups** Host Parents

Define which hostgroup(s) the host should belong to (if any).

- Windows-Common (Windows-Common)
- Linux Servers (linux-servers)

Update Cancel



Configure Host / localhost

Note: You may update basic settings for the host below or use the [Nagios Core Config Manager](#) to modify advanced settings for this host. Host attribute values which are inherited from advanced templates are not shown below.

Attributes Monitoring Notifications Host Groups **Host Parents**

Define which host(s) are considered the parents of the the monitored host (if any). Note: Typically only one (1) host is specified as a parent.

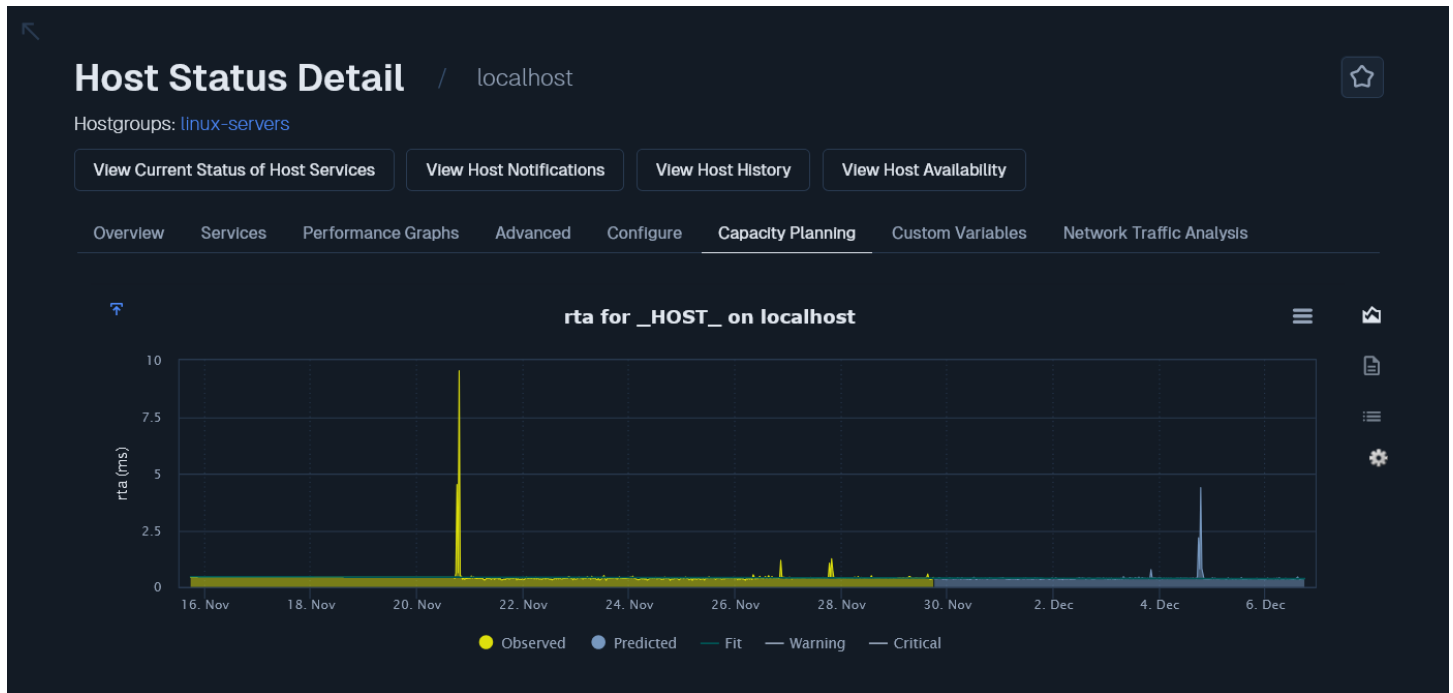
- 192.168.107.60 (192.168.107.60)
- 192.168.157.129 (192.168.157.129)
- 192.168.157.131 (192.168.157.131)
- 192.168.157.133 (192.168.157.133)
- exchange.nagios.org (exchange.nagios.org)
- jdm-ubuntu24 (jdm-ubuntu24)
- www.nagios.com (www.nagios.com)

Update Cancel

Capacity Planning

Capacity planning allows you to predict future trends based on the existing performance data.

Utilizing Host and Service Details in Nagios XI 2024



Use the gear icon on the far right to change options such as **Time Period** and **Extrapolation Method**.

Capacity planning is only available for host and services that have performance graphs.

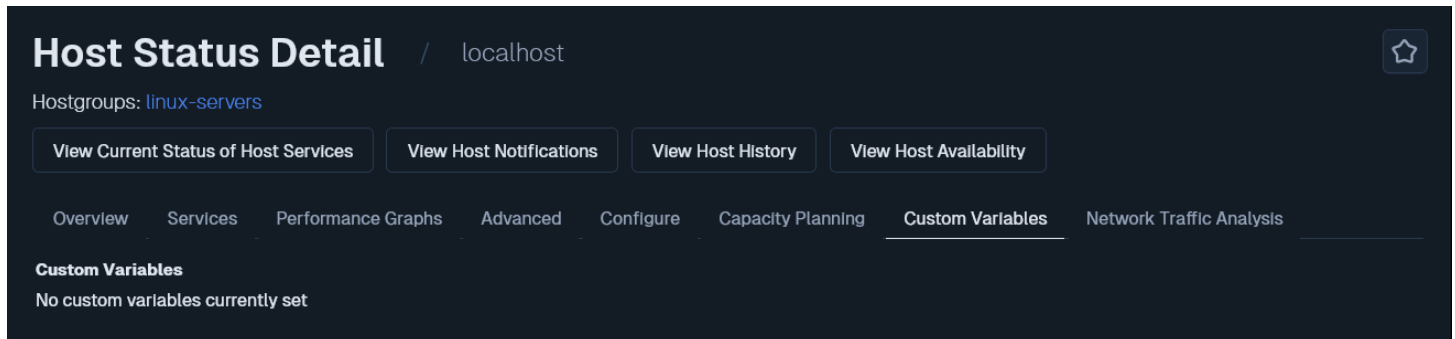
Each capacity planning graph is one data source from the performance graphs. For example a host ping check by default has **rta / pl / rtmax / rtmin**. In this example there will be four capacity planning graphs for the host object.

There will be capacity planning graphs created for the first five data sources available (host and service objects). There is a link at the bottom **See the rest of the capacity planning graphs** that will allow you to browse all the capacity planning graphs available.

Utilizing Host and Service Details in Nagios XI 2024

Custom Variables

Custom variables are an advanced feature of Nagios Core that allows custom directives with values to be stored in a host object.

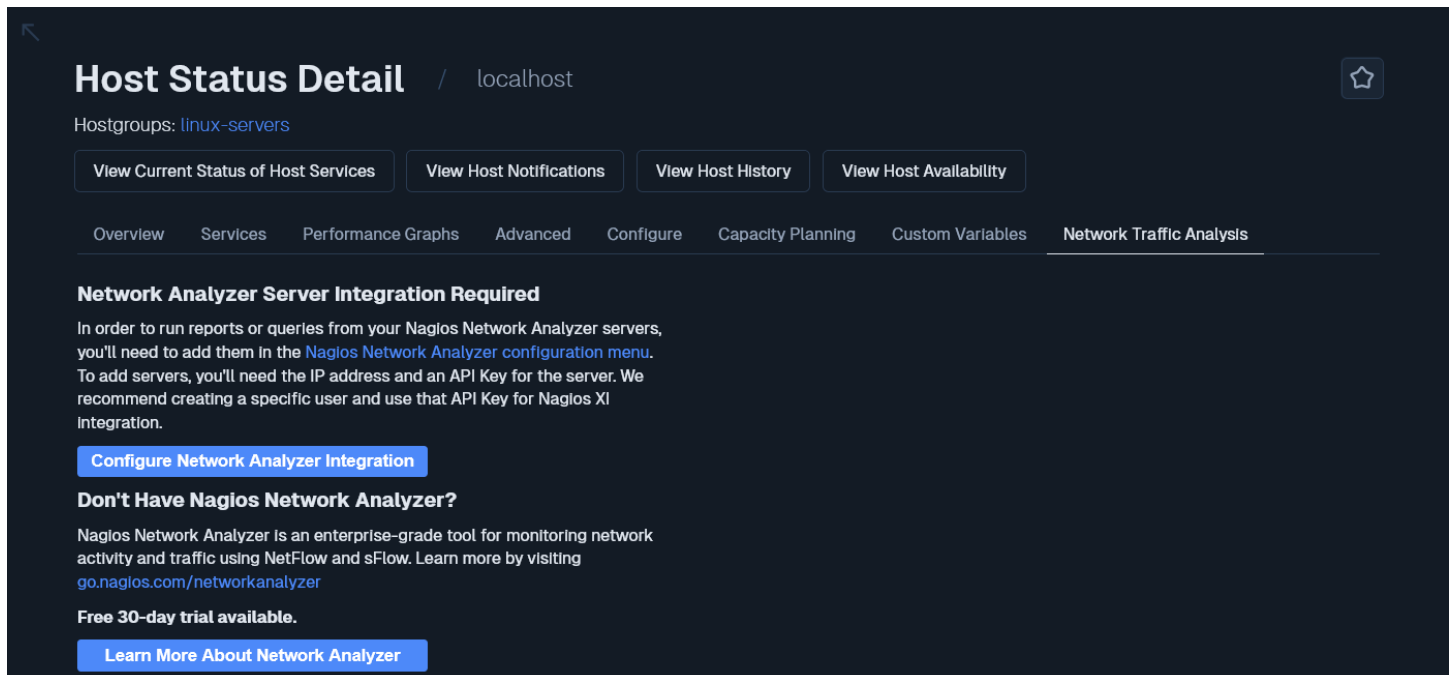


The screenshot shows the 'Host Status Detail' page for 'localhost'. The page title is 'Host Status Detail / localhost'. Below the title, it says 'Hostgroups: linux-servers'. There are four buttons: 'View Current Status of Host Services', 'View Host Notifications', 'View Host History', and 'View Host Availability'. A navigation bar includes 'Overview', 'Services', 'Performance Graphs', 'Advanced', 'Configure', 'Capacity Planning', 'Custom Variables' (which is highlighted), and 'Network Traffic Analysis'. Under the 'Custom Variables' section, it says 'No custom variables currently set'.

If your host has any free variables defined then they will appear here in a table for your reference.

Network Traffic Analysis

This tab connects to Nagios Network Analyzer to provide traffic reporting.





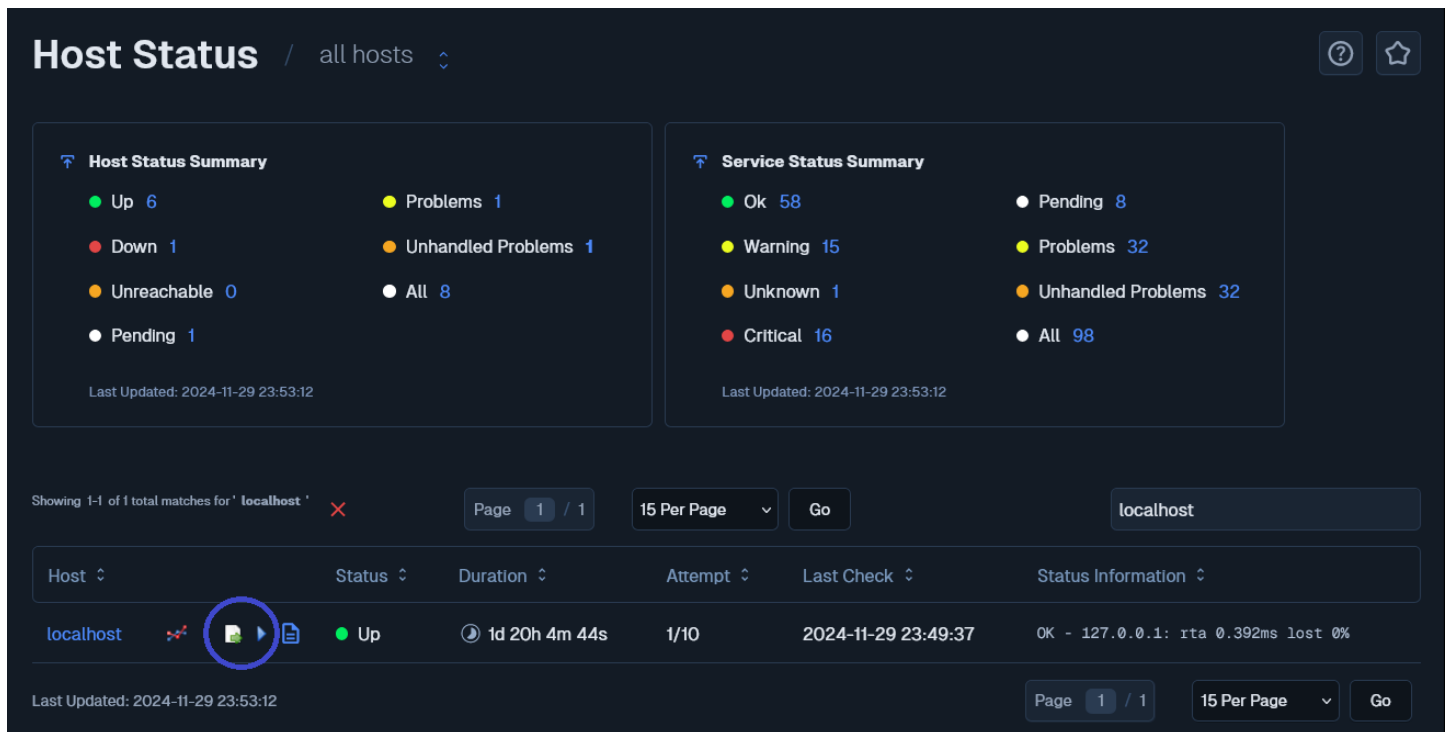
The screenshot shows the 'Host Status Detail' page for 'localhost' with the 'Network Traffic Analysis' tab selected. The page title is 'Host Status Detail / localhost'. Below the title, it says 'Hostgroups: linux-servers'. There are four buttons: 'View Current Status of Host Services', 'View Host Notifications', 'View Host History', and 'View Host Availability'. The navigation bar includes 'Overview', 'Services', 'Performance Graphs', 'Advanced', 'Configure', 'Capacity Planning', 'Custom Variables', and 'Network Traffic Analysis' (which is highlighted). The main content area has a heading 'Network Analyzer Server Integration Required' and text: 'In order to run reports or queries from your Nagios Network Analyzer servers, you'll need to add them in the Nagios Network Analyzer configuration menu. To add servers, you'll need the IP address and an API Key for the server. We recommend creating a specific user and use that API Key for Nagios XI integration.' Below this is a blue button 'Configure Network Analyzer Integration'. There is another section 'Don't Have Nagios Network Analyzer?' with text: 'Nagios Network Analyzer is an enterprise-grade tool for monitoring network activity and traffic using NetFlow and sFlow. Learn more by visiting go.nagios.com/networkanalyzer' and 'Free 30-day trial available.' Below this is another blue button 'Learn More About Network Analyzer'.

To see the more information about a particular host, select a link from the Host column to access the **Host Status Detail** page. You can also access the **Service Status Detail** page by selecting the service status icon.

Utilizing Host and Service Details in Nagios XI 2024

Notes URL & Action URL

Both the Host and Service status pages provide icons for the **Notes URL**  and the **Action URL**  directives if they are defined on your objects. The screenshot below demonstrates examples of objects that have one or both of these directives defined. Clicking the icons will open the URLs in a new browser window/tab.



Host Status / all hosts

Host Status Summary

- Up 6
- Down 1
- Unreachable 0
- Pending 1
- Problems 1
- Unhandled Problems 1
- All 8

Last Updated: 2024-11-29 23:53:12

Service Status Summary

- Ok 58
- Warning 15
- Unknown 1
- Critical 16
- Pending 8
- Problems 32
- Unhandled Problems 32
- All 98

Last Updated: 2024-11-29 23:53:12

Showing 1-1 of 1 total matches for 'localhost'

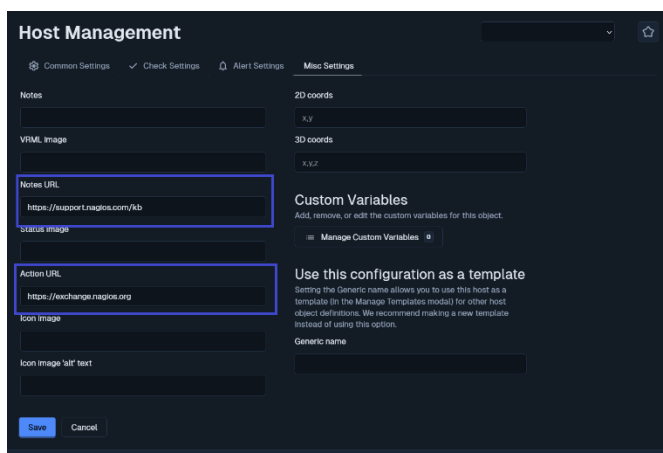
Page 1 / 1 15 Per Page Go localhost

Host	Status	Duration	Attempt	Last Check	Status Information
localhost	Up	1d 20h 4m 44s	1/10	2024-11-29 23:49:37	OK - 127.0.0.1: rta 0.392ms lost 0%

Last Updated: 2024-11-29 23:53:12

Page 1 / 1 15 Per Page Go

You can define these directives in **CCM** on the **Misc Settings** tab.



Host Management

Common Settings Check Settings Alert Settings **Misc Settings**

Notes

Notes URL
https://support.nagios.com/kb

2D coords
x,y

3D coords
x,y,z

Custom Variables

Add, remove, or edit the custom variables for this object.

Manage Custom Variables

Use this configuration as a template

Setting the Generic name allows you to use this host as a template (in the Manage Templates modal) for other host object definitions. We recommend making a new template instead of using this option.

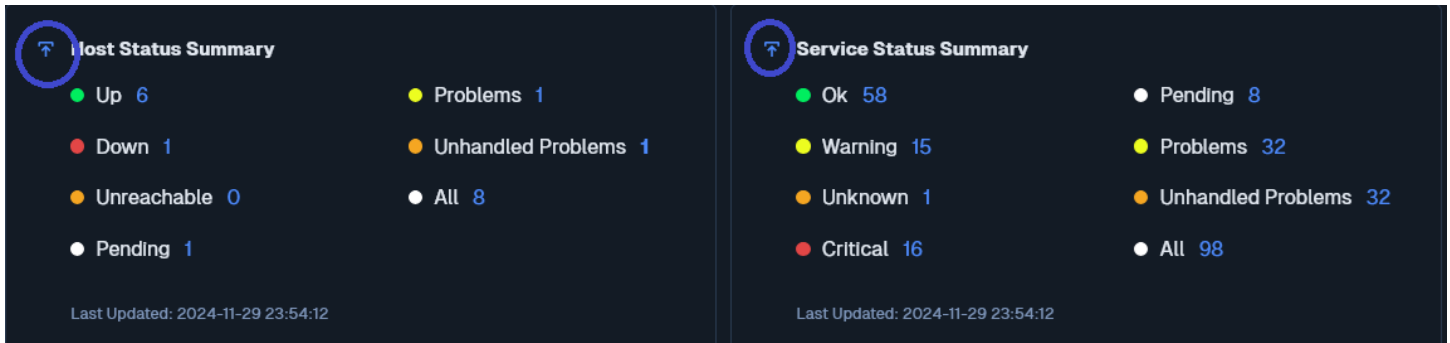
Generic name

Save Cancel

Utilizing Host and Service Details in Nagios XI 2024

Host Status Summary and Service Status Summary

Common to many of the screens for host or services objects is the **Summary** tables at the top of the page.



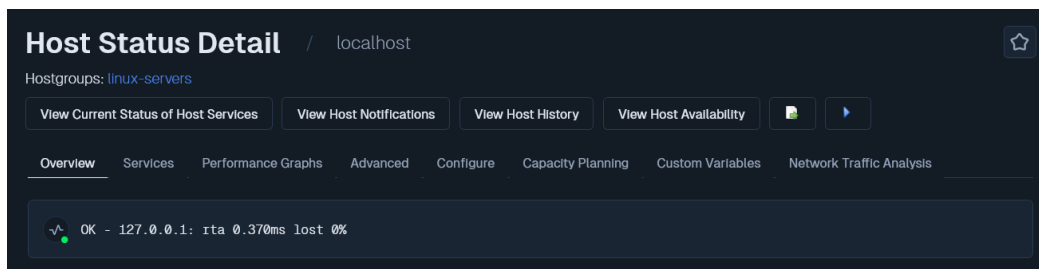
These tables provide an overall status of all the host and service objects. Clicking on any of the numbers will take you to the status screen filtered to that type. In the screenshot, clicking **Unknown** number **24** will show you all services with an unknown state.

These tables can be added to a **Dashboard** by clicking the **Add To Dashboard** icon.

Common Navigation Controls

Both the **Host** and **Service Detail** pages use a set of tabs to access additional information and settings.

- **View Current Status of Host Services** navigates you to the **Service Status** page for that host. If the host does not have any services then this icon will not be displayed.
- **View Host Notifications** navigates you to the **Notification report** for that host or service.
- **View Host History** navigates you to the **State History report** for that host or service.
- **View Host Availability** navigates you to the **Availability Report** for that host or service.





Utilizing Host and Service Details in Nagios XI 2024

Hostgroup Summary and Servicegroup Summary

Host groups and Service groups created in CCM will be presented in a summary table. The **Hosts** and **Services** columns provide a breakdown of the objects, clicking the numbers will take you to the status screen filtered to that type.

The screenshot displays the Nagios XI interface. On the left is a navigation sidebar with a menu where 'Hostgroup Summary' and 'Servicegroup Summary' are circled in blue. The main content area is titled 'Host Group Status / summary view'. It features four buttons: 'View Hostgroup Service Details', 'View Hostgroup Summary', 'View Hostgroup Overview', and 'View Hostgroup Grid'. Below these are two summary cards: 'Host Status Summary' and 'Service Status Summary'. The 'Host Status Summary' card shows: Up 6, Down 1, Unreachable 0, Pending 1, Problems 1, Unhandled Problems 1, and All 8. The 'Service Status Summary' card shows: Ok 57, Warning 15, Unknown 1, Critical 17, Pending 8, Problems 33, Unhandled Problems 33, and All 98. At the bottom is a 'Status Summary for All Host Groups' table with columns for Host Group, Hosts, and Services. The table lists 'Windows-Common (Windows-Common)' and 'Linux Servers (linux-servers)'. The 'Linux Servers' row has a circled icon next to it. The status for Linux Servers is: 3 Up, 1 Down, 40 Ok, 15 Warning, and 14 Critical.

There are two icons that provide the following functionality:

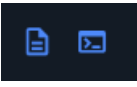
-  Navigates you to the **Service Status** page for that host group or service group.
-  Navigates you to the available **Commands** that can be performed against the members, such as:
 - Schedule Downtime For All Hosts or Services
 - Enable / Disable Notifications For All Hosts
 - Enable / Disable Notifications For All Services
 - Enable / Disable Active Checks Of All Services

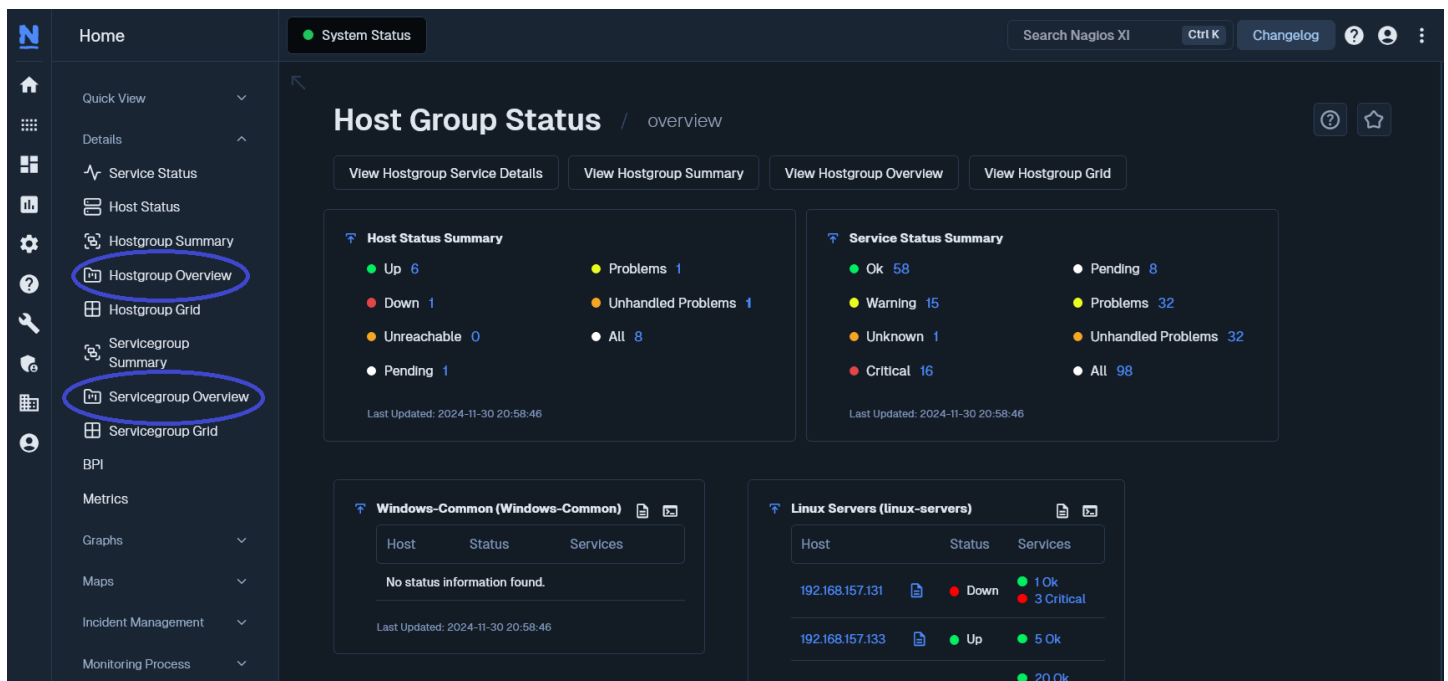
Utilizing Host and Service Details in Nagios XI 2024

Hostgroup Summary and Servicegroup Overview

Host groups and Service groups created in CCM will be presented in a summary table **per group**.

The **Services** column provides a breakdown of the objects, clicking the numbers will take you to the status screen filtered to that type.

The icons  provide the same functionality as described in the **Summary** section.



The screenshot shows the Nagios XI interface for the 'Host Group Status' overview. The left sidebar contains navigation options, with 'Hostgroup Overview' and 'Servicegroup Overview' circled in blue. The main content area displays a 'Host Group Status' overview for the 'overview' group. It includes four summary cards: 'Host Status Summary', 'Service Status Summary', 'Windows-Common (Windows-Common)', and 'Linux Servers (linux-servers)'. Each card shows counts for various states like Up, Down, Problems, etc. The 'Linux Servers' card includes a table with columns for Host, Status, and Services.

Host	Status	Services
No status information found.		

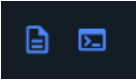
Host	Status	Services
192.168.157.131	Down	1 Ok 3 Critical
192.168.157.133	Up	5 Ok 20 Ok

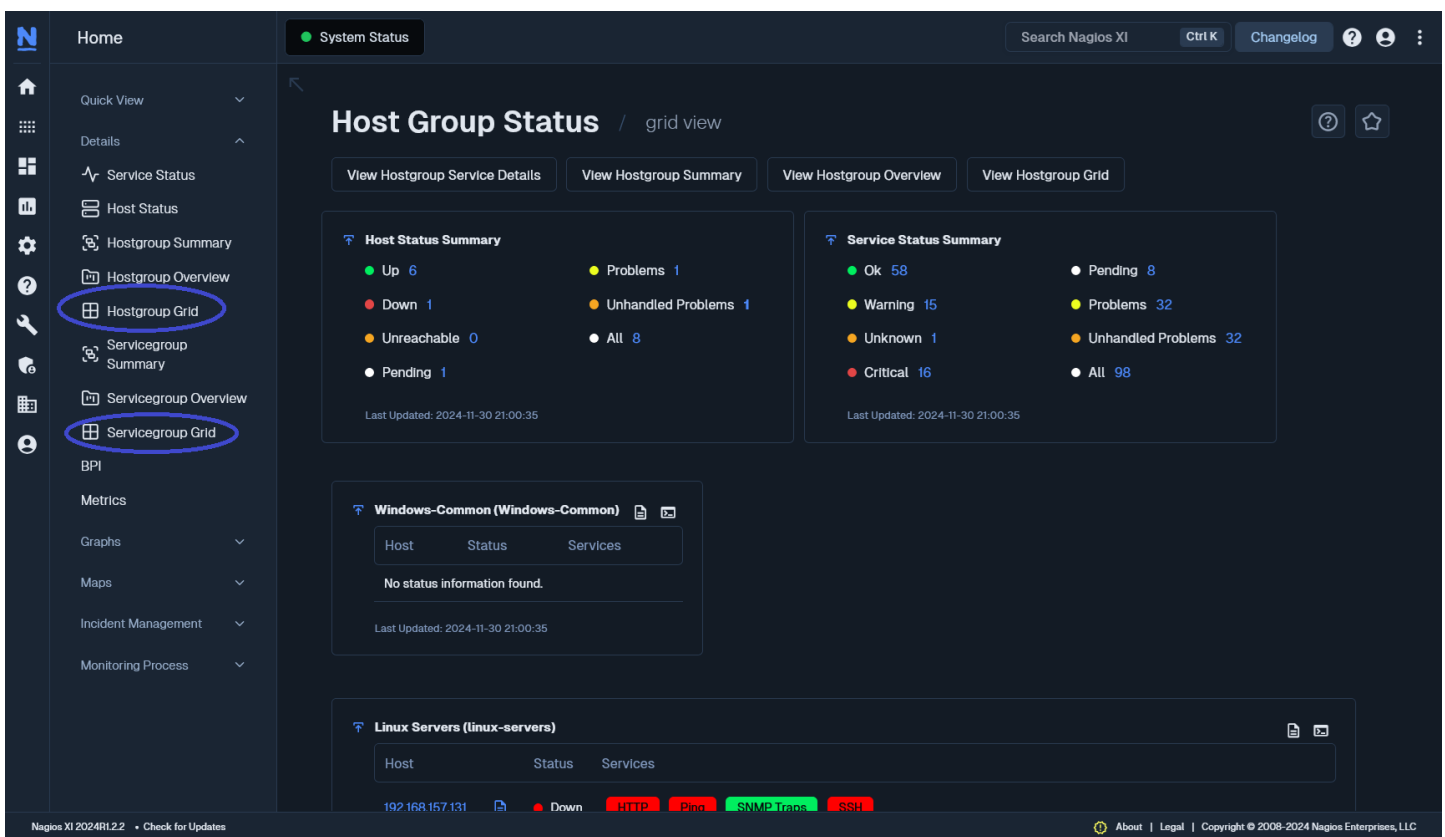
Utilizing Host and Service Details in Nagios XI 2024

Hostgroup Grid and Servicegroup Grid

Host groups and Service groups created in CCM will be presented in a summary table **per group**.

The **Services** column shows all of the objects in that hostgroup or servicegroup, clicking a host or service will take you to the status screen for that object.

The icons  provide the same functionality as described in the **Summary** section.



The screenshot displays the Nagios XI interface for 'Host Group Status' in 'grid view'. The left sidebar contains navigation options, with 'Hostgroup Grid' and 'Servicegroup Grid' circled in blue. The main content area shows two summary cards: 'Host Status Summary' and 'Service Status Summary'. Below these are two grid views for 'Windows-Common (Windows-Common)' and 'Linux Servers (linux-servers)'. The 'Linux Servers' grid shows a host '192.168.157.131' with a 'Down' status and services 'HTTP', 'Ping', 'SNMP-Trap', and 'SSH'.

Host	Status	Services
192.168.157.131	Down	HTTP, Ping, SNMP-Trap, SSH

Utilizing Host and Service Details in Nagios XI 2024

Common Navigation Controls

Host Group Status / summary view

View Hostgroup Service Details

View Hostgroup Summary

View Hostgroup Overview

View Hostgroup Grid

Each **Summary** page also has an additional set of navigation control tabs to quickly access different detail views for the service or host group.

- View Hostgroup Service Details navigates you to the Service Status page
- View Hostgroup Summary navigates you to the Hostgroup or Servicegroup Summary page
- View Hostgroup Overview navigates you to the Hostgroup or Servicegroup Overview page
- View Hostgroup Grid navigates you to the Hostgroup or Servicegroup Grid page

BPI

The **BPI** menu option navigates you to the Nagios Business Process Intelligence component. Please refer to the [Using Nagios BPI](#) documentation for full details.

The screenshot displays the Nagios Business Process Intelligence (BPI) interface. At the top, there is a header "Business Process Intelligence" with a help icon and a star icon. Below the header is a button "Create New BPI Group". The interface shows a navigation bar with tabs for "All Priorities", "High Priority", "Medium Priority", "Low Priority" (selected), "Hostgroups", and "Servicegroups". Below the navigation bar, there is a timestamp "Last Update: Fri Dec 13 2024 11:44:04 GMT-0600 (Central Standard Time)" and a filter "Essential group members". The main content area shows a table of BPI groups. The first group is "Nagios Log Server Lab Environment" with a status of "Ok" and a group health of "100% with 0 problem(s)". The second group is "Testing and Development Environment" with a status of "Ok" and a group health of "100% with 0 problem(s)". The third group is "Log Server I1 Dev" with a status of "Ok" and a group health of "100% with 0 problem(s)". The fourth group is "Log Server I2 Dev" with a status of "Ok" and a group health of "100% with 0 problem(s)". The fifth group is "Log Sever I3 Dev" with a status of "Ok" and a group health of "83.33% with 1 problem(s)". The sixth group is "vWorker" with a status of "Ok" and a group health of "75% with 1 problem(s)".

Status	Group Name	Group Health	Group Description	Actions
Ok	Nagios Log Server Lab Environment	Group health is 100% with 0 problem(s).	Testing and Development Environment	
Ok	Log Server I1 Dev	Group health is 100% with 0 problem(s).	Log Server Testing Instance 1	
Ok	Log Server I2 Dev	Group health is 100% with 0 problem(s).	Log Server Dev Instance 2	
Ok	Log Sever I3 Dev	Group health is 83.33% with 1 problem(s).	Log Server Dev Instance 3	
Ok	vWorker	Group health is 75% with 1 problem(s).	Windows vWorker SD	

Utilizing Host and Service Details in Nagios XI 2024

Metrics

The **Metrics** menu option navigates you to the **Metrics** component. This component allows you to view common metrics from all available services (*with valid data*).

The screenshot displays the Nagios XI interface. The left sidebar shows the 'Metrics' menu item circled in blue. The main content area is titled 'Metrics' and shows a 'Summary' tab. At the top, there are filters for 'Limit To' (set to 20), 'Hostgroup', 'Servicegroup', and 'Metric' (set to 'Disk Usage'). Below the filters, there are 'Run' and 'Advanced' buttons. The main table displays the following data:

Host	Service	% Utilization	Details
jdm-ubuntu24	Disk Usage on /snap/snapd/21759	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.04 GiB, Free: 0.00 GiB, Total: 0.04 GiB)
jdm-ubuntu24	Disk Usage on /snap/gtk-common-themes/1535	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.09 GiB, Free: 0.00 GiB, Total: 0.09 GiB)
jdm-ubuntu24	Disk Usage on /snap/gnome-42-2204/176	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.49 GiB, Free: 0.00 GiB, Total: 0.49 GiB)
jdm-ubuntu24	Disk Usage on /snap/cups/1067	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.07 GiB, Free: 0.00 GiB, Total: 0.07 GiB)
jdm-ubuntu24	Disk Usage on /snap/core22/1663	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.07 GiB, Free: 0.00 GiB, Total: 0.07 GiB)
jdm-ubuntu24	Disk Usage on /snap/chromium/2997	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.17 GiB, Free: 0.00 GiB, Total: 0.17 GiB)
jdm-ubuntu24	Disk Usage on /snap/chromium/2993	100.00%	CRITICAL: Used disk space was 100.00 % (Used: 0.17 GiB, Free: 0.00 GiB, Total: 0.17 GiB)

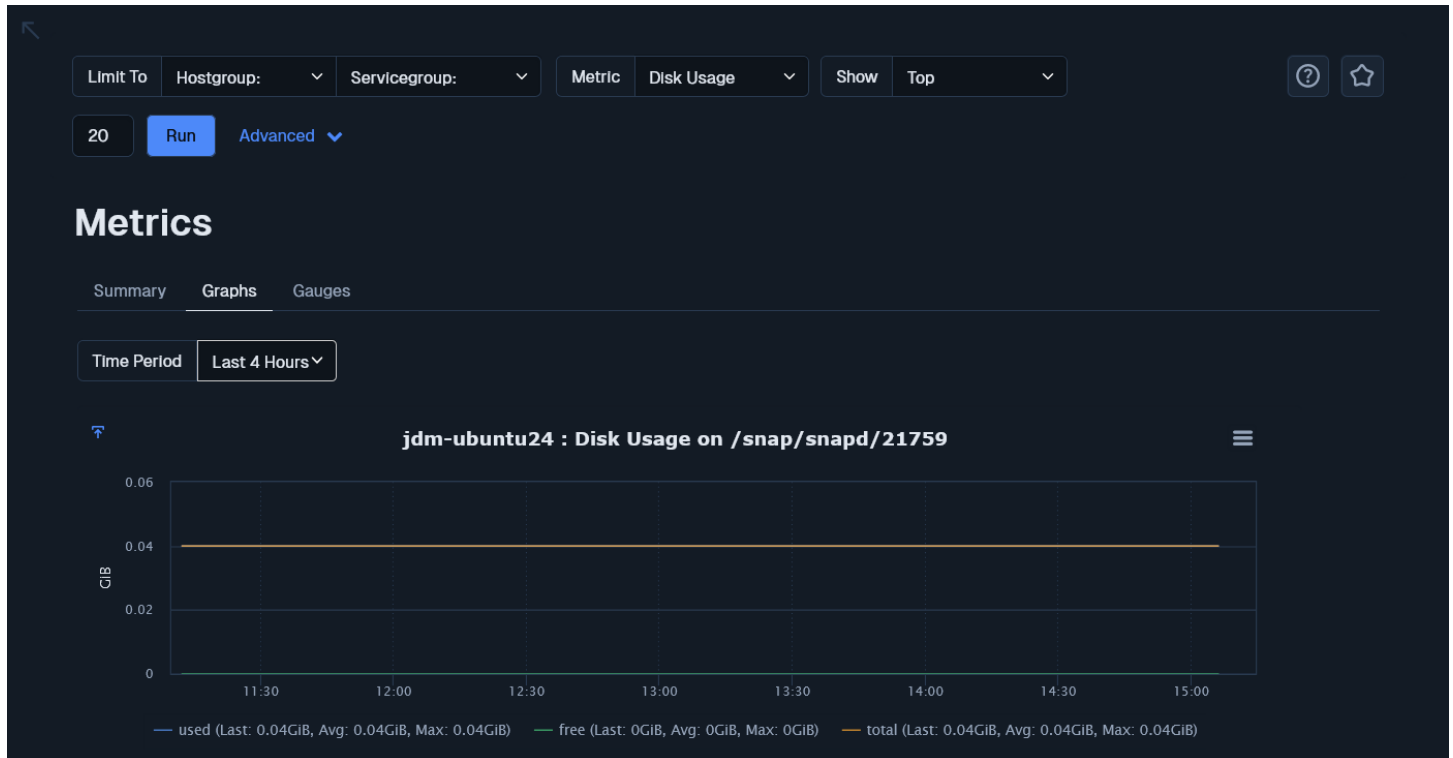
Metrics Summary

On the screenshot above you can see the **Summary** tab is being displayed (the default). At the top of the screen are drop down lists so you can filter the summary results, in this case the **Disk Usage** metric is shown. The **Metrics** component will only display services in the list that it can detect as being a disk usage based service, hence why some services will not be displayed in this list.

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Metrics Graphs

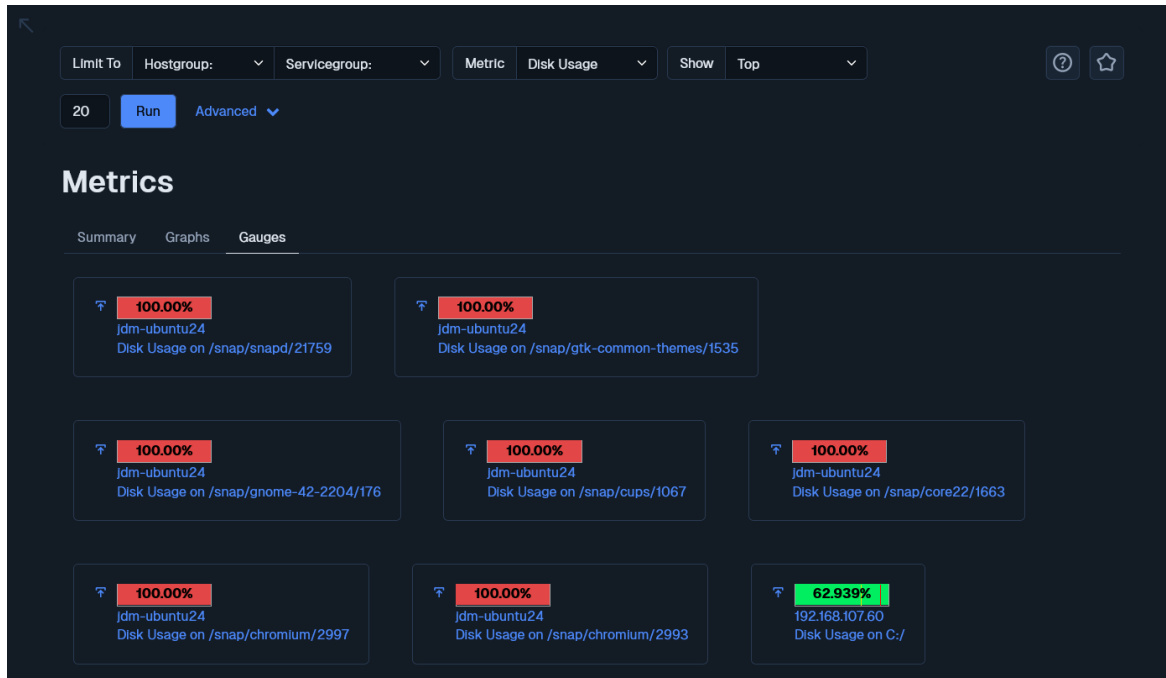
The **Graphs** tab will display the services in a graph format. In the following screenshot you can see that a timeframe of **Last 24 Hours** looks static due to the nature of disk usage however the screenshot gives you an example of what to expect.



Utilizing Host and Service Details in Nagios XI 2024

Metrics Gauges

The **Gauges** tab will display the services as dashlets that show the metric along a horizontal line. The current state of the service will be the background color of the line and you can see that the warning and critical thresholds are indicated with a vertical line.



Finishing Up

This completes the documentation on overview for host and service details in Nagios XI.

If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)