

Name: Alok Bhawankar

Roll No: CSE-37

PRN: 1032170126

Lab Assignment 3

Nagios

1) Dashboard

Nagios® Core™
✓ Process running with PID 18
Nagios® Core™
Version 4.4.5
August 20, 2019
Check for updates

A new version of Nagios Core is available!
Visit nagios.org to download Nagios 4.4.6.

Get Started

- Start monitoring your infrastructure
- Change the look and feel of Nagios
- Extend Nagios with hundreds of addons
- Get support
- Get training
- Get certified

Quick Links

- Nagios Library (tutorials and docs)
- Nagios Labs (development blog)
- Nagios Exchange (plugins and addons)
- Nagios Support (tech support)
- Nagios.com (company)
- Nagios.org (project)

Latest News

Don't Miss...

Page Tour

2) Tactical Overview

Tactical Status Overview
Last Updated: Tue Jun 9 17:24:33 UTC 2021
Updated every 50 seconds
Nagios® Core™ 4.4.5 - www.nagios.org
Logged in as nagiosadmin

Monitoring Performance

Metric	Value
Service Check Execution Time	0.00 / 4.09 / 0.590 sec
Service Check Latency	0.00 / 0.00 / 0.000 sec
Host Check Execution Time	4.09 / 4.09 / 4.093 sec
Host Check Latency	0.00 / 0.00 / 0.000 sec
# Active Host / Service Checks	1 / 7
# Passive Host / Service Checks	0 / 0

Network Outages
0 Outages

Hosts
0 Down 0 Unreachable 1 Up 0 Pending

Services
1 Critical 1 Warning 0 Unknown 5 Ok 0 Pending

Monitoring Features

Feature	Status
Flap Detection	✓ All Services Enabled
Notifications	✓ 1 Service Disabled All Hosts Enabled
Event Handlers	✓ All Services Enabled All Hosts Enabled
Active Checks	✓ All Services Enabled All Hosts Enabled
Passive Checks	✓ All Services Enabled All Hosts Enabled

Network Health
Host Health: ■
Service Health: ■

Page Tour

3) Hosts

The screenshot shows the Nagios web interface for the 'localhost' host. The left sidebar contains navigation links for General, Current Status, Tactical Overview, Map (Legacy), Hosts, Services, Host Groups, Service Groups, Problems, Reports, and System. The main content area displays the 'Host Status' page. At the top, there are summary statistics for Host Status Totals and Service Status Totals. Below these, a table titled 'Host Status Details For All Host Groups' shows the status of the 'localhost' host. The table has columns for Host, Status, Last Check, Duration, and Status Information. The 'localhost' host is shown as 'UP' with a last check time of '06-08-2021 17:23:35' and a status information of 'PING OK - Packet loss = 0%, RTA = 0.03 ms'. A 'Page Tour' button is visible on the right side of the interface.

Host Status Totals

Up	Down	Unreachable	Pending
1	0	0	0

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
5	1	0	1	0

Host Status Details For All Host Groups

Host	Status	Last Check	Duration	Status Information
localhost	UP	06-08-2021 17:23:35	0d 0h 10m 8s	PING OK - Packet loss = 0%, RTA = 0.03 ms

Results 1 - 1 of 1 Matching Hosts

4) Services

The screenshot shows the Nagios web interface for the 'localhost' host, specifically the 'Service Status' page. The left sidebar is the same as in the previous screenshot. The main content area displays the 'Service Status' page. At the top, there are summary statistics for Host Status Totals and Service Status Totals. Below these, a table titled 'Service Status Details For All Hosts' shows the status of various services on the 'localhost' host. The table has columns for Host, Service, Status, Last Check, Duration, Attempt, and Status Information. The services listed are Current Load, Current Users, HTTP, PING, Root Partition, Swap Usage, and Total Processes. The 'Current Load' service is in a 'CRITICAL' state, while the others are in 'OK' or 'WARNING' states. A 'Page Tour' button is visible on the right side of the interface.

Host Status Totals

Up	Down	Unreachable	Pending
1	0	0	0

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
5	1	0	1	0

Service Status Details For All Hosts

Host	Service	Status	Last Check	Duration	Attempt	Status Information
localhost	Current Load	CRITICAL	06-08-2021 17:25:10	0d 0h 7m 16s	4/4	CRITICAL - load average: 5.99, 5.01, 4.80
localhost	Current Users	OK	06-08-2021 17:22:52	0d 0h 9m 33s	1/4	USERS OK - 0 users currently logged in
localhost	HTTP	WARNING	06-08-2021 17:26:35	0d 0h 5m 50s	4/4	HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time
localhost	PING	OK	06-08-2021 17:24:18	0d 0h 8m 7s	1/4	PING OK - Packet loss = 0%, RTA = 0.09 ms
localhost	Root Partition	OK	06-08-2021 17:25:01	0d 0h 7m 24s	1/4	DISK OK - free space: / 33736 MB (67.05% inode=):
localhost	Swap Usage	OK	06-08-2021 17:25:44	0d 0h 6m 41s	1/4	SWAP OK - 100% free (7809 MB out of 7816 MB)
localhost	Total Processes	OK	06-08-2021 17:26:27	0d 0h 5m 58s	1/4	PROCS OK: 12 processes with STATE = RSZDT

Results 1 - 7 of 7 Matching Services

5) Unhandled Service Problem

Nagios®

General

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Services (Unhandled)

Hosts (Unhandled)

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Current Network Status

Last Updated: Tue Jun 8 17:28:26 UTC 2021

Updated every 90 seconds

Nagios® Core™ 4.4.5 - www.nagios.org

Logged in as nagiosadmin

Host Status Totals

Up	Down	Unreachable	Pending
1	0	0	0
All Problems		All Types	
0		1	

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
5	1	0	1	0
All Problems		All Types		
2		7		

Display Filters:

Host Status Types: Pending | Up

Host Properties: Any

Service Status: All Problems

Types:

Service Properties: Not In Scheduled Downtime & Has Not Been Acknowledged

Service Status Details For All Hosts

Host	Service	Status	Last Check	Duration	Attempt	Status Information
localhost	Current Load	CRITICAL	06-08-2021 17:25:10	0d 0h 8m 17s	4/4	CRITICAL - load average: 5.99, 5.01, 4.80
	HTTP	WARNING	06-08-2021 17:26:35	0d 0h 6m 51s	4/4	HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time

Results 1 - 2 of 2 Matching Services

Page Tour

6) Unhandled Network Outages

Nagios®

General

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Map (Legacy)

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Hosts (Unhandled)

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Network Outages

Last Updated: Tue Jun 8 17:29:34 UTC 2021

Updated every 90 seconds

Nagios® Core™ 4.4.5 - www.nagios.org

Logged in as nagiosadmin

Blocking Outages

Severity	Host	State	Notes	State Duration	# Hosts Affected	# Services Affected	Actions
0 Blocking Outages Displayed							

7) Available Reports

The screenshot displays the Nagios Core 4.4.5 web interface. The left sidebar contains navigation links for General, Current Status, Reports, and System. The main content area is titled 'Hostgroup Availability Report' for the hostgroup 'linux-servers'. It shows a summary of the report from 06-01-2021 17:31:46 to 06-08-2021 17:31:46. A table titled 'Hostgroup 'linux-servers' Host State Breakdowns:' provides a detailed view of the host states.

Host	% Time Up	% Time Down	% Time Unreachable	% Time Undetermined
localhost	0.000% (0.000%)	0.000% (0.000%)	0.000% (0.000%)	100.000%
Average	0.000% (0.000%)	0.000% (0.000%)	0.000% (0.000%)	100.000%

8) Alerts

The screenshot displays the Nagios Core 4.4.5 web interface. The left sidebar contains navigation links for General, Current Status, Reports, and System. The main content area is titled 'Alert History' and shows a list of alerts. The alerts are filtered by 'State type options' and 'History detail level for all hosts'. The alerts are listed in a table with columns for time, severity, and message.

Time	Severity	Message
[06-08-2021 17:21:35]	SERVICE ALERT	localhost:HTTP-WARNING:HARD:4:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time
[06-08-2021 17:20:35]	SERVICE ALERT	localhost:HTTP-WARNING:SOFT:3:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time
[06-08-2021 17:20:10]	SERVICE ALERT	localhost:Current Load:CRITICAL:HARD:4:CRITICAL - load average: 4.83, 4.62, 4.70
[06-08-2021 17:19:35]	SERVICE ALERT	localhost:HTTP-WARNING:SOFT:2:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time
[06-08-2021 17:18:09]	SERVICE ALERT	localhost:Current Load:CRITICAL:SOFT:3:CRITICAL - load average: 5.22, 4.63, 4.70
[06-08-2021 17:18:35]	SERVICE ALERT	localhost:HTTP-WARNING:SOFT:1:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time
[06-08-2021 17:18:09]	SERVICE ALERT	localhost:Current Load:CRITICAL:SOFT:2:CRITICAL - load average: 5.21, 4.46, 4.65
[06-08-2021 17:17:09]	SERVICE ALERT	localhost:Current Load:CRITICAL:SOFT:1:CRITICAL - load average: 4.37, 4.11, 4.56
[06-08-2021 17:16:27]	Nagios 4.4.5 starting...	(PID=18)

9) Events Logs

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Service Groups

Summary

Grid

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Services

(Unhandled)

Hosts (Unhandled)

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Current Event Log

Last Updated: Tue Jun 8 17:35:47 UTC 2021

Nagios® Core™ 4.4.5 - www.nagios.org

Logged in as nagiosadmin

Latest Archive

Log File Navigation

Tue Jun 8 00:00:00 UTC 2021

to

Present...

File: /opt/nagios/var/nagios.log

Older Entries First

Update

June 08, 2021 17:00

06-08-2021 17:21:35] SERVICE ALERT: localhost:HTTP-WARNING:HARD:4:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time

06-08-2021 17:20:35] SERVICE ALERT: localhost:HTTP-WARNING:SOFT:3:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time

06-08-2021 17:20:10] SERVICE ALERT: localhost:Current Load:CRITICAL:HARD:4:CRITICAL - load average: 4.83, 4.62, 4.70

06-08-2021 17:20:10] SERVICE NOTIFICATION: nagiosadmin:localhost:Current Load:CRITICAL:notify-service-by-email:CRITICAL - load average: 4.83, 4.62, 4.70

06-08-2021 17:19:35] SERVICE ALERT: localhost:HTTP-WARNING:SOFT:2:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time

06-08-2021 17:18:09] SERVICE ALERT: localhost:Current Load:CRITICAL:SOFT:3:CRITICAL - load average: 5.22, 4.63, 4.70

06-08-2021 17:18:35] SERVICE ALERT: localhost:HTTP-WARNING:SOFT:1:HTTP WARNING: HTTP/1.1 401 Unauthorized - 695 bytes in 0.000 second response time

06-08-2021 17:18:09] SERVICE ALERT: localhost:Current Load:CRITICAL:SOFT:2:CRITICAL - load average: 5.21, 4.46, 4.65

06-08-2021 17:17:09] SERVICE ALERT: localhost:Current Load:CRITICAL:SOFT:1:CRITICAL - load average: 4.37, 4.11, 4.56

06-08-2021 17:16:29] Successfully launched command file worker with pid 42

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 35:pid=35

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 32:pid=32

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 36:pid=36

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 34:pid=34

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 33:pid=33

06-08-2021 17:16:27] wproc: Registry request: name=Core Worker 31:pid=31

06-08-2021 17:16:27] wproc: Successfully registered manager as @wproc with query handler

06-08-2021 17:16:27] qh: help for the query handler registered

06-08-2021 17:16:27] qh: echo service query handler registered

06-08-2021 17:16:27] qh: core query handler registered

06-08-2021 17:16:27] qh: Socket /opt/nagios/var/rw/nagios.qh' successfully initialized

06-08-2021 17:16:27] LOG VERSION: 2.0

06-08-2021 17:16:27] Local time is Tue Jun 08 17:16:27 UTC 2021

06-08-2021 17:16:27] Nagios 4.4.5 starting... (PID=18)

10) Performance Info

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Performance Information

Last Updated: Tue Jun 8 17:36:34 UTC 2021

Updated every 90 seconds

Nagios® Core™ 4.4.5 - www.nagios.org

Logged in as nagiosadmin

Program-Wide Performance Information

Services Actively Checked:

Time Frame

Services Checked

≤ 1 minute: 1 (14.3%)

≤ 5 minutes: 6 (85.7%)

≤ 15 minutes: 7 (100.0%)

≤ 1 hour: 7 (100.0%)

Since program start: 7 (100.0%)

Time Frame

Services Checked

≤ 1 minute: 0 (0.0%)

≤ 5 minutes: 0 (0.0%)

≤ 15 minutes: 0 (0.0%)

≤ 1 hour: 0 (0.0%)

Since program start: 0 (0.0%)

Time Frame

Hosts Checked

≤ 1 minute: 0 (0.0%)

≤ 5 minutes: 1 (100.0%)

≤ 15 minutes: 1 (100.0%)

≤ 1 hour: 1 (100.0%)

Since program start: 1 (100.0%)

Time Frame

Hosts Checked

≤ 1 minute: 0 (0.0%)

≤ 5 minutes: 0 (0.0%)

≤ 15 minutes: 0 (0.0%)

≤ 1 hour: 0 (0.0%)

Since program start: 0 (0.0%)

Check Statistics:

Type

Last 1 Min

Last 5 Min

Last 15 Min

Active Scheduled Host Checks

0

1

3

Active On-Demand Host Checks

0

2

6

Parallel Host Checks

0

1

3

Serial Host Checks

0

0

0

Cached Host Checks

0

2

6

Passive Host Checks

0

0

0

Active Scheduled Service Checks

1

7

21

Metric

Min.

Max.

Average

Check Execution Time:

0.00 sec

4.12 sec

0.592 sec

Check Latency:

0.00 sec

0.00 sec

0.001 sec

Percent State Change:

0.00%

5.99%

1.69%

Metric

Min.

Max.

Average

Percent State Change:

0.00%

0.00%

0.00%

Metric

Min.

Max.

Average

Check Execution Time:

4.12 sec

4.12 sec

4.117 sec

Check Latency:

0.00 sec

0.00 sec

0.000 sec

Percent State Change:

0.00%

0.00%

0.00%

Metric

Min.

Max.

Average

Percent State Change:

0.00%

0.00%

0.00%