

Experiment 10

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Class: D15B/14

The screenshot displays the Nagios web interface. The top section shows a table of instances with columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, Public IPv4 DNS, and Public IPv4 address. Two instances are listed: 'nagios-host' and 'ubuntu', both in a 'Running' state.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 address
nagios-host	i-05d2d205feb1e3278	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a	ec2-107-23-213-205.co...	107.23.213.205
ubuntu	i-058c0fe3d43cfc63	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a	ec2-54-82-68-250.com...	54.82.68.250

Below the table, a terminal window shows the output of the 'nagios -h' command, displaying usage information and configuration options.

The bottom section of the screenshot shows the Nagios web interface. The 'Current Network Status' section indicates that the system is 'UP' and 'OK'. The 'Host Status Totals' section shows 12 hosts in 'UP' state, 2 in 'Warning' state, and 0 in 'Critical' state. The 'Service Status Totals' section shows 4 services in 'UP' state and 16 in 'Warning' state.

The 'Host Status Details For All Host Groups' section displays a table of host status details:

Host	Status	Last Check	Duration	Status Information
linux-server	UP	10-11-2024 18:38:59	0d 0h 40m 11s	PING OK - Packet loss = 0%, RTA = 0.03 ms
localhost	UP	10-11-2024 18:39:04	0d 1h 25m 5s	PING OK - Packet loss = 0%, RTA = 0.03 ms

The interface also includes a sidebar with navigation links for General, Current Status, Problems, Reports, and System.

```
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

10 updates can be applied immediately.
5 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Fri Oct 11 18:26:45 2024 from 18.206.107.29
ubuntu@ip-172-31-37-48:~$ sudo apt install gcc -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
gcc is already the newest version (4:13.2.0-7ubuntu1).
0 upgraded, 0 newly installed, 0 to remove and 12 not upgraded.
ubuntu@ip-172-31-37-48:~$ sudo apt install -y nagios-nrpe-server nagios-plugins
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'monitoring-plugins' instead of 'nagios-plugins'
nagios-nrpe-server is already the newest version (4.1.0-lubuntu3).
monitoring-plugins is already the newest version (2.3.5-lubuntu3).
0 upgraded, 0 newly installed, 0 to remove and 12 not upgraded.
ubuntu@ip-172-31-37-48:~$ sudo nano /etc/nagios/nrpe.cfg
ubuntu@ip-172-31-37-48:~$ sudo systemctl restart nagios-nrpe-server
ubuntu@ip-172-31-37-48:~$
```

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Current Network Status

Last Updated: Fri Oct 11 18:48:52 UTC 2024

Updated every 90 seconds

Nagios® Core™ 4.4.6 - www.nagios.org

Logged in as nagiosadmin

View Status Overview For All Service Groups

View Status Summary For All Service Groups

View Service Status Grid For All Service Groups

Host Status Totals

Up Down Unreachable Pending

2 0 0 0

All Problems All Types

0 2

Service Status Totals

Ok Warning Unknown Critical Pending

12 2 0 2 0

All Problems All Types

4 16

Service Status Details For All Service Groups

Limit Results: 100

Host	Service	Status	Last Check	Duration	Attempt	Status Information
linux-server	Current Load	OK	10-11-2024 18:45:14	0d 0h 48m 38s	1/4	OK - load average: 0.00, 0.00, 0.00
	Current Users	OK	10-11-2024 18:45:52	0d 0h 48m 0s	1/4	USERS OK - 1 users currently logged in
	HTTP	WARNING	10-11-2024 18:44:30	0d 0h 44m 23s	4/4	HTTP WARNING: HTTP/1.1 403 Forbidden - 319 bytes in 0.000 second response time
	PING	OK	10-11-2024 18:47:07	0d 0h 46m 45s	1/4	PING OK - Packet loss = 0%, RTA = 0.03 ms
	Root Partition	OK	10-11-2024 18:47:44	0d 0h 46m 8s	1/4	DISK OK - free space: / 6083 MB (74.95% inode=98%):
	SSH	OK	10-11-2024 18:48:22	0d 0h 45m 30s	1/4	SSH OK - OpenSSH_8.7 (protocol 2.0)
localhost	Swap Usage	CRITICAL	10-11-2024 18:46:59	0d 0h 41m 53s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.
	Total Processes	OK	10-11-2024 18:44:37	0d 0h 44m 15s	1/4	PROCS OK: 36 processes with STATE = RSZDT
	Current Load	OK	10-11-2024 18:45:19	0d 1h 33m 33s	1/4	OK - load average: 0.00, 0.00, 0.00
	Current Users	OK	10-11-2024 18:45:57	0d 1h 32m 55s	1/4	USERS OK - 1 users currently logged in
	HTTP	WARNING	10-11-2024 18:44:34	0d 1h 29m 18s	4/4	HTTP WARNING: HTTP/1.1 403 Forbidden - 319 bytes in 0.000 second response time
	PING	OK	10-11-2024 18:47:12	0d 1h 31m 40s	1/4	PING OK - Packet loss = 0%, RTA = 0.03 ms
localhost	Root Partition	OK	10-11-2024 18:47:49	0d 1h 31m 3s	1/4	DISK OK - free space: / 6083 MB (74.95% inode=98%):
	SSH	OK	10-11-2024 18:48:27	0d 1h 30m 25s	1/4	SSH OK - OpenSSH_8.7 (protocol 2.0)
	Swap Usage	CRITICAL	10-11-2024 18:47:04	0d 1h 26m 48s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.
	Total Processes	OK	10-11-2024 18:44:42	0d 1h 29m 10s	1/4	PROCS OK: 36 processes with STATE = RSZDT

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Logged in as nagiosadmin

View History For all hosts

View Notifications For All Hosts

View Host Status Detail For All Hosts

Host Status Totals

Up Down Unreachable Pending

2 0 0 0

All Problems All Types

0 2

Service Status Totals

Ok Warning Unknown Critical Pending

12 2 0 2 0

All Problems All Types

4 16

Service Status Details For All Hosts

Display Filters:

Host Status Types: All

Host Properties: Any

Service Status Types: All Problems

Service Properties: Any

Limit Results: 100

Host	Service	Status	Last Check	Duration	Attempt	Status Information
linux-server	HTTP	WARNING	10-11-2024 18:44:30	0d 0h 43m 10s	4/4	HTTP WARNING: HTTP/1.1 403 Forbidden - 319 bytes in 0.000 second response time
	Swap Usage	CRITICAL	10-11-2024 18:46:59	0d 0h 40m 40s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.
localhost	HTTP	WARNING	10-11-2024 18:44:34	0d 1h 28m 5s	4/4	HTTP WARNING: HTTP/1.1 403 Forbidden - 319 bytes in 0.000 second response time
	Swap Usage	CRITICAL	10-11-2024 18:47:04	0d 1h 25m 35s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.

Results 1 - 4 of 4 Matching Services

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Nagios®

Core™

✓ Daemon running with PID 73887

Nagios® Core™

Version 4.4.6

April 28, 2020

Check for updates

A new version of Nagios Core is available!
Visit nagios.org to download Nagios 4.5.6.

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