

Nagios Allow ICMP

Dr. Tarak Nandy

Assistant Professor

Lovely Professional University

Nagios Master



✓ Daemon running with PID 3423

Nagios® Core™
Version 4.0.8

August 12, 2014

[Check for updates](#)

A new version of Nagios Core is available!

Visit nagios.org to download Nagios 4.4.7.



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

Latest News

- [Nagios Update: XI 5.6.6](#)
- [Nagios Update: XI 5.6.5](#)
- [Nagios Update: XI 5.6.4](#)



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)

Don't Miss...

- **Monitoring Log Data with Nagios** - [Nagios Log Server](#) can handle all log data in one central location.
- **Can Nagios monitor netflow?** - **Yes!** [Nagios Network Analyzer](#) can take in a



Nagios Master Hosts

Current Network Status

Last Updated: Thu Sep 29 05:33:46 UTC 2022
Updated every 90 seconds
Nagios® Core™ 4.0.8 - www.nagios.org
Logged in as *nagiosadmin*

[View Service Status Detail For All Host Groups](#)
[View Status Overview For All Host Groups](#)
[View Status Summary For All Host Groups](#)
[View Status Grid For All Host Groups](#)

Host Status Totals

Up	Down	Unreachable	Pending
1	1	0	0
All Problems		All Types	
1		2	

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
6	1	0	1	0
All Problems		All Types		
2		8		

Host Status Details For All Host Groups

Limit Results: ▾

Host		Status	Last Check	Duration	Status Information
Nagi-Slave-New		DOWN	09-29-2022 05:31:52	0d 0h 1m 24s	PING CRITICAL - Packet loss = 100%
localhost		UP	09-29-2022 05:32:53	10d 23h 41m 25s	PING OK - Packet loss = 0%, RTA = 0.04 ms

Results 1 - 2 of 2 Matching Hosts

Try pinging from Master to Slave and vice-

verse

 ec2-user@ip-172-31-34-240:/usr/local/nagios/etc

```
[ec2-user@ip-172-31-34-240 etc]$ ping 172.31.39.218  
PING 172.31.39.218 (172.31.39.218) 56(84) bytes of data.  
[
```

 ec2-user@ip-172-31-39-218:~

```
[ec2-user@ip-172-31-39-218 ~]$ ping 172.31.34.241  
PING 172.31.34.241 (172.31.34.241) 56(84) bytes of data.  
From 172.31.39.218 icmp_seq=1 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=2 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=3 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=4 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=5 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=6 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=7 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=8 Destination Host Unreachable  
From 172.31.39.218 icmp_seq=9 Destination Host Unreachable  
[
```

Check the security group of the Master and Slave

Instances (1/2) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	Nagi-Master-New	i-0a1bf44fdaadf145a	Running	t2.micro	-	No alarms +	ap-south-1a
<input checked="" type="checkbox"/>	Nagi-Slave-New	i-0e166889ea68d77f4	Running	t2.micro	-	No alarms +	ap-south-1a

Instances (1/2) Info

Find instance by attribute or tag (case-sensitive)

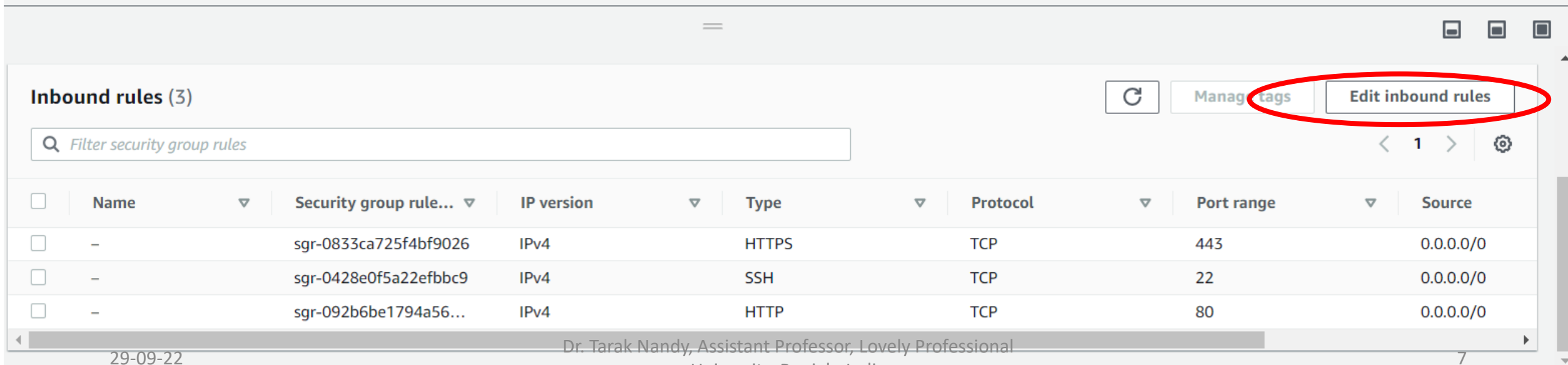
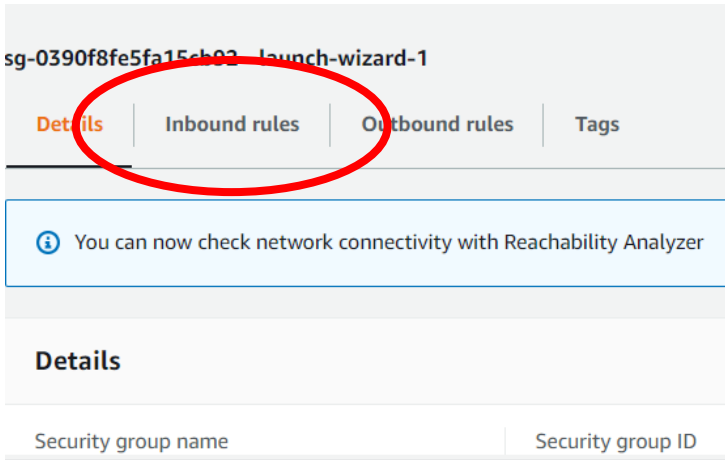
Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs	Monitoring	Security group name	Key name
c2-13-232-204-143.ap...	13.232.204.143	-	-	disabled	launch-wizard-22	AMI-1
c2-3-6-38-178.ap-sout...	3.6.38.178	-	-	disabled	launch-wizard-1	nagios-key

Identify the security group from the list

- ▼ Images
 - AMIs New
 - AMI Catalog
- ▼ Elastic Block Store
 - Volumes New
 - Snapshots New
 - Lifecycle Manager New
- ▼ Network & Security
 - Security Groups**
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces
- ▼ Load Balancing
 - Load Balancers
 - Target Groups New
- ▼ Auto Scaling
 - Launch Configurations
 - Auto Scaling Groups

	Name	Security group ID	Security group name	VPC ID	Description
<input checked="" type="checkbox"/>	–	sg-0390f8fe5fa15cb95	launch-wizard-1	vpc-049a60e194a98946a	launch-wizard-1 create...
<input type="checkbox"/>	–	sg-069e7008e273ac69b	default	vpc-049a60e194a98946a	default VPC security gr...
<input type="checkbox"/>	–	sg-09353493e2478390b	launch-wizard-22	vpc-049a60e194a98946a	launch-wizard-22 crea...

Add ICMP inbound rules to Master and Slave



Add ICMP inbound rules to Master and Slave

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-0833ca725f4bf9026	HTTPS	TCP	443	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>
sgr-0428e0f5a22efbbc9	SSH	TCP	22	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>
sgr-092b6be1794a56579	HTTP	TCP	80	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-0833ca725f4bf9026	HTTPS	TCP	443	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>
sgr-0428e0f5a22efbbc9	SSH	TCP	22	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>
sgr-092b6be1794a56579	HTTP	TCP	80	Custom	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>
-	All ICMP - IPv4	ICMP	All	Anywh...	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0"/> X <input type="button" value="Delete"/>

Try pinging from Master to Slave and vice-

verse

 ec2-user@ip-172-31-34-240:/usr/local/nagios/etc

```
[ec2-user@ip-172-31-34-240 etc]$ ping 172.31.39.218
PING 172.31.39.218 (172.31.39.218) 56(84) bytes of data.
64 bytes from 172.31.39.218: icmp_seq=1 ttl=255 time=0.448 ms
64 bytes from 172.31.39.218: icmp_seq=2 ttl=255 time=0.476 ms
64 bytes from 172.31.39.218: icmp_seq=3 ttl=255 time=0.550 ms
64 bytes from 172.31.39.218: icmp_seq=4 ttl=255 time=0.482 ms
64 bytes from 172.31.39.218: icmp_seq=5 ttl=255 time=0.530 ms
█
```

 ec2-user@ip-172-31-39-218:~

```
[ec2-user@ip-172-31-39-218 ~]$ ping 172.31.34.240
PING 172.31.34.240 (172.31.34.240) 56(84) bytes of data.
64 bytes from 172.31.34.240: icmp_seq=1 ttl=255 time=0.431 ms
64 bytes from 172.31.34.240: icmp_seq=2 ttl=255 time=0.556 ms
64 bytes from 172.31.34.240: icmp_seq=3 ttl=255 time=0.502 ms
64 bytes from 172.31.34.240: icmp_seq=4 ttl=255 time=0.500 ms
64 bytes from 172.31.34.240: icmp_seq=5 ttl=255 time=0.513 ms
64 bytes from 172.31.34.240: icmp_seq=6 ttl=255 time=0.587 ms
█
```

Check the hosts from Nagios Master interface

Current Network Status

Last Updated: Thu Sep 29 05:52:04 UTC 2022
Updated every 90 seconds
Nagios® Core™ 4.0.8 - www.nagios.org
Logged in as *nagiosadmin*

[View Service Status Detail For All Host Groups](#)
[View Status Overview For All Host Groups](#)
[View Status Summary For All Host Groups](#)
[View Status Grid For All Host 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
6	1	0	1	0
All Problems		All Types		
2		8		

Host Status Details For All Host Groups

Limit Results:

Host	Status	Last Check	Duration	Status Information
Nagi-Slave-New	UP	09-29-2022 05:51:52	0d 0h 0m 8s	PING OK - Packet loss = 0%, RTA = 0.56 ms
localhost	UP	09-29-2022 05:51:13	10d 23h 39m 43s	PING OK - Packet loss = 0%, RTA = 0.04 ms

Results 1 - 2 of 2 Matching Hosts

Thank you