Module 11: Continuous Monitoring Using Nagios

Demo Document

edureka!

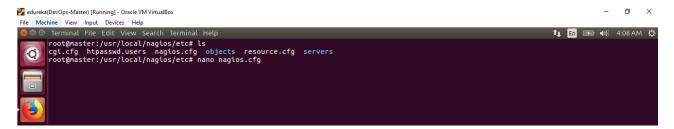
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Demo -1: Monitor the windows host using Nagios

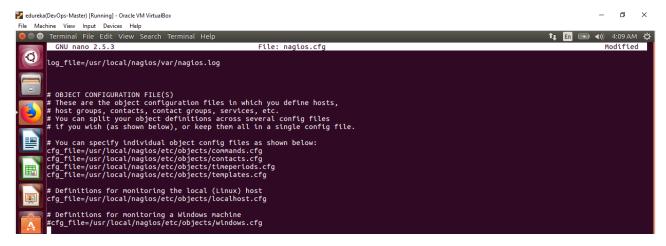
Step 1: Check for the Nagios Directory.

\$cd /usr/local/nagios/etc

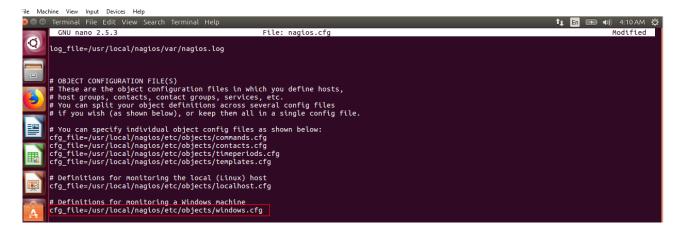


Step 2: Open nagios.cfg file

\$nano nagios.cfg



Step 3: Remove the # sign for monitoring a windows machine.



Step 4: Go to your windows machine and install NSClient++ plugin. Below given is the link to download that plugin.

https://sourceforge.net/projects/nscplus/



Click on Download button. After downloading, install it.

Step 5: Go to command line and use the below command to find the IP address of the machine and the host name as well.

\$ipconfig /ALL

```
Wireless LAN adapter Wi-Fi:
  Connection-specific DNS Suffix .:
  Description . . . . . . . . . : Intel(R) Dual Band Wireless-AC 3168
  Physical Address. . . . . . . . : F4-96-34-68-5C-1D
  DHCP Enabled. . . . . . . . . . Yes
  Autoconfiguration Enabled . . . . : Yes
  Link-local IPv6 Address . . . . : <u>fe80::3d2f:b284:692c:542%20(Preferred)</u>
  Lease Obtained. . . . . . . . : 18 July 2018 10:16:44
  Lease Expires . . . . . . . : 19 July 2018 10:31:39 Default Gateway . . . . . . : 192.168.1.1
  DHCP Server . . . . . . . . . : 192.168.1.1
  DHCPv6 IAID . . . . . . . . . : 167024180
  DHCPv6 Client DUID. . . . . . . : 00-01-00-01-22-CD-16-1C-80-CE-62-36-8A-FC
  DNS Servers . . . . . . . . . : 192.168.1.1
  NetBIOS over Tcpip. . . . . . : Enabled
```

Step 6: While defining a service, rename the hostname as mentioned in your windows machine for all the defined services. Replace all the host_name with your windows machine host_name. Also replace the address with IP address of windows machine.

```
define host{
    use windows-server ; Inherit default values from a template
    host_name DESKTOP-38ICBQG ; The name we're giving to this host
    alias My Windows Server ; A longer name associated with the host
    address 192.168.2.69 ; IP address of the host
}
```

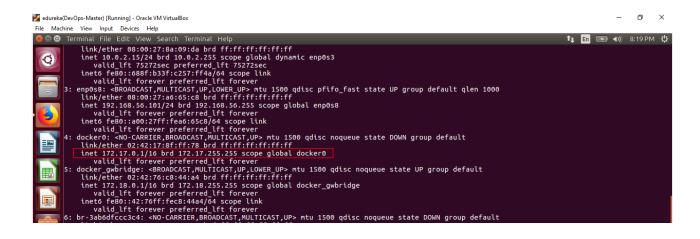
```
define hostgroup{
   hostgroup_name windows-servers ; The name of the hostgroup
   alias Windows Servers ; Long name of the group
}
```

Step 7: Use the below command to identify the address on which Nagios is running:

```
$ip addr show

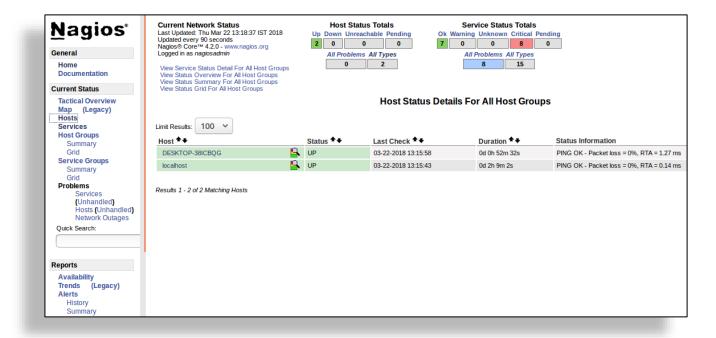
$service nagios start

$service apcehe2 start
```



Step 6: Go to browser and open Nagios Dashboard in the browser.

172.17.0.1/nagios



Now, you can monitor your host and services running.

