

NRDP - Passive Host And Service Definitions

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Overview

Once your Nagios service is receiving Passive NRDP checks, they will not appear anywhere in Nagios until you define host and service definitions.

The following definitions compliment the guides for using NCPA to send passive check results to Nagios via NRDP.

The following Nagios Definitions will result in:

- A Passive Host object for the server S1601
- Passive Service objects for the server S1601 for the services:
 - CPU Usage
 - Disk Usage
 - Swap Usage
 - Memory Usage
 - Process Count

Which will result in something like this in Nagios:

Host	Service	Status	Last Check	Duration	Attempt	Status Information
S1601	CPU Usage	OK	10-19-2017 13:59:13	0d 0h 0m 56s	1/1	OK: Percent was 0.00 %
	Disk Usage	OK	10-19-2017 13:59:13	0d 0h 0m 56s	1/1	OK: Used_percent was 23.60 %
	Memory Usage	OK	10-19-2017 13:59:13	0d 0h 0m 56s	1/1	OK: Used memory was 13.30 % (Available: 6.93 GiB, Total: 8.00 GiB, Free: 6.93 GiB, Used: 1.06 GiB)
	Process Count	OK	10-19-2017 13:59:13	0d 0h 0m 56s	1/1	OK: Process count was 51
	Swap Usage	OK	10-19-2017 13:59:13	0d 0h 0m 56s	1/1	OK: Used swap was 10.40 % (Total: 9.25 GiB, Used: 0.96 GiB, Free: 8.29 GiB)

Command

```
define command {
    command_name    check_dummy
    command_line    $USER1$/check_dummy $ARG1$
}
```

Templates

Host

```
define host {
    use                generic-host
    name               passive_host
    active_checks_enabled 0
    passive_checks_enabled 1
    flap_detection_enabled 0
    register           0
    check_period       24x7
    max_check_attempts 1
    check_interval     5
    retry_interval     1
    check_freshness    0
    contact_groups     admins
    check_command      check_dummy!0
    notification_interval 60
    notification_period 24x7
    notification_options d,u,r
}
```

Service

```
define service {
    use                generic-service
    name               passive_service
    active_checks_enabled 0
    passive_checks_enabled 1
    flap_detection_enabled 0
    register           0
    check_period       24x7
    max_check_attempts 1
    check_interval     5
    retry_interval     1
    check_freshness    0
    contact_groups     admins
    check_command      check_dummy!0
    notification_interval 60
}
```

```
notification_period    24x7
notification_options    w,u,c,r
}
```

Host Definition

```
define host {
    use            passive_host
    host_name      S1601
}
```

Service Definitions

CPU Usage

```
define service {
    use            passive_service
    service_description    CPU Usage
    host_name      S1601
}
```

Disk Usage

```
define service {
    use            passive_service
    service_description    Disk Usage
    host_name      S1601
}
```

Swap Usage

```
define service {
    use            passive_service
    service_description    Swap Usage
    host_name      S1601
}
```

Memory Usage

```
define service {
    use            passive_service
    service_description    Memory Usage
    host_name      S1601
}
```

Process Count

```
define service {
    use            passive_service
    service_description    Process Count
    host_name      S1601
}
```

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **tlea** - Wed, Oct 18, 2017 at 10:44 PM. This article has been viewed 5835 times.

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