

NRPE - No Output Returned From Plugin

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Problem Description

This KB article addresses the following NRPE error:

```
No Output Returned From Plugin
```

Assumed Knowledge

The following KB article contains an explanation of how NRPE works and may need to be referenced to completely understand the problem and solution that is provided here:

[NRPE - Agent and Plugin Explained](#)

Troubleshooting The Error

There are multiple solutions to this problem depending on the cause.

Permissions

The most common solution is to check the permissions on the check_nrpe binary on the Nagios XI server:

```
ls -la /usr/local/nagios/libexec/check_nrpe
```

The expected permissions should resemble:

```
-rwxrwxr-x. 1 nagios nagios 75444 Nov 21 01:38 check_nrpe
```

If not, change ownership to user/group "nagios" and fix up the permissions:

```
chown nagios:nagios /usr/local/nagios/libexec/check_nrpe
chmod u+rwx /usr/local/nagios/libexec/check_nrpe
chmod u+rx /usr/local/nagios/libexec/check_nrpe
```

Missing Plugin

Another cause is a missing plugin file, though, in order to receive this error, you usually have to also be experiencing a secondary configuration issue. In order to resolve issues relating to missing plugins, please refer to the following KB article:

[NRPE - Return Code Of 127 Is Out Of Bounds - Plugin May Be Missing](#)

Mismatch of Arguments between Nagios XI and nrpe.cfg

The final cause, and usually the secondary issue for those who found their plugin missing from the expected location, is an argument usage mismatch between the remote host's `nrpe.cfg` command directive and the arguments passed by Nagios XI through `check_nrpe`. Please refer to the following KB article to help troubleshoot this:

[NRPE - CHECK_NRPE: Received 0 Bytes From Daemon. Check The Remote Server Logs For Error Messages](#)

Final Thoughts

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

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

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Online URL: <https://support.nagios.com/kb/article/nrpe-no-output-returned-from-plugin-623.html>