

# NRPE - Return Code Of 126 Is Out Of Bounds - Plugin May Not Be Executable

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## Problem Description

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This KB article addresses the following NRPE error:

```
Return Code Of 126 Is Out Of Bounds - Plugin May Not Be Executable
```

## Assumed Knowledge

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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

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Many times when a plugin is downloaded from the [Nagios Exchange](#) and copied to the remote host, it will not have executable permissions. You can verify this by getting a long-listing of the libexec plugin directory. For this example will be using the command `check_foo.sh`. On the remote host execute the following command:

```
ls -l /usr/local/nagios/libexec
```

You should see a listing similar to:

```
-rwxr-xr-x. 1 root  root    4173 Nov 21 01:39 check_bl  
-rw-r--r--. 1 root  root    2289 Nov 21 01:39 check_foo.sh
```

The far left column of the listing are the permissions for each file. If you noticed, `check_foo.sh` is missing an "x" in a few places. These are executable permissions and can easily be added to the file using the following command:

```
chmod +x /usr/local/nagios/libexec/check_foo.sh
```

Remember that `check_foo.sh` is just an example, you will change `/usr/local/nagios/libexec/check_foo.sh` to the actual name and path to your plugin that is missing executable permissions.

## Final Thoughts

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

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

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