



# Verifying supported configurations

## Snapdrive for Unix

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# Verifying supported configurations

The SnapDrive for UNIX configuration checker tool helps you to identify and verify the configurations supported to run SnapDrive for UNIX.

The configuration checker tool with the updated data file checks for the configurations supported by SnapDrive for UNIX and lists all of the supported and unsupported components in the system.

The tool helps to confirm that all of the necessary components and correct versions are available in the host before using SnapDrive for UNIX.

## Importing data files

You can download the latest support matrix data and update the configuration checker tool before running the tool, so that the tool lists the latest supported configuration for SnapDrive for UNIX. The configuration checker tool with the updated data file checks for the configurations supported by SnapDrive for UNIX and lists all the supported components in the system.

### Steps

1. Download the latest data file from the ToolChest.
2. Import the latest data file:

```
sdconfcheck import -file ./confcheck_data.tar.gz`
```

## Identifying the installed components

You can identify the installed components on the host platform by using the SnapDrive for UNIX configuration checker tool.

### Steps

1. Identify the installed components:

```
sdconfcheck detect
```

The `sdconfcheck.out` log file is used for identifying the installed components that are in the `/var/log` file. The log files are renamed incrementally as `sdconfcheck.out.1`, `sdconfcheck.out.2`, and so on.

The SnapDrive for UNIX configuration checker tool does not detect the Ext3 file system in a Red Hat Enterprise Linux 6 environment. You should run the `modprobe -v ext3` command to load the Ext3 file system.

2. You might have to install or configure the component listed after you run the `sdconfcheck detect` command.

## Verifying the supported configurations

You can verify the supported configurations in SnapDrive for UNIX by examining the

components in the host system (such as, operating system, version of software installed on the host, protocol, file systems on the host, and so on) and the value specified for each configuration parameter in the `sdconfdrive.conf` file.

## Steps

1. Verify the supported configurations:

**sdconfcheck check**

```
[root@scspr0023764001 bin]# sdconfcheck check
```

```
NOTE: SnapDrive Configuration Checker is using the data file version v12052013
```

```
    Please make sure that you are using the latest version.
```

```
    Refer to the SnapDrive for Unix Installation and Administration Guide for more details.
```

```
Detected Intel/AMD x64 Architecture
Detected Linux OS
Detected sg3_utils 1.28
Detected Kernel Version 2.6.32-358.el6.x86_64
Detected LVM_SUPPRESS_FD_WARNINGS has not set
Detected Multipathing version 0.4.9
Detected /etc/multipath.conf file not found
Detected Host OS Red Hat Enterprise Linux 6.0 Update 4
Detected NFSv3 FileSystem on Linux
Detected Software iSCSI on Linux
Detected NFSv4 Filesystem on Linux
Detected   Ext4 File System
Detected   Linux Native LVM2
Detected   Linux Native MPIO
```

```
Did not find any supported cluster solutions.
```

```
Did not find any supported HU tool kits.
```

```
Trace-Enabled: on
```

```
Trace-Level: 7
```

```
Supported Configurations on this host by SDU Version 5.2.2
```

```
-----
Linux NFS Configuration
```

```
[root@scspr0023764001 bin]#
```

Check the components listed in the output and install or configure the missing components.

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