

IBM Spectrum Scale Vagrant

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Spectrum Scale Vagrant

Provides:

- Configuration files and scripts to create single node Spectrum Scale cluster
- Examples for CLI, GUI and REST API commands
- Examples to showcase selected Spectrum Scale features

Requires:

- Vagrant
- VirtualBox or AWS
- CentOS
- Spectrum Scale self-extracting installation package

Getting started:

- <https://github.com/IBM/SpectrumScaleVagrant>

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Example scripts and configuration files to install and configure IBM Spectrum Scale in a Vagrant environment Edit

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aws	Wording	2 months ago
doc/gui	Screenshot of REST API	2 months ago
setup	Typo	2 months ago
shared	Streamlined folder synchronisation	2 months ago
software	Established /software	3 months ago
virtualbox	Wording	2 months ago
.gitattributes	Manage EOL	2 months ago
.gitignore	Read AMI ID from file	2 months ago
LICENSE	Initial commit	3 months ago
README.md	Typo	2 months ago



Spectrum Scale Vagrant

Example scripts and configuration files to install and configure IBM Spectrum Scale in a Vagrant environment.

Installation

The scripts and configuration files provision a single node Spectrum Scale cluster using Vagrant.

Get the scripts and configuration files from GitHub

Open a Command Prompt and clone the GitHub repository:

1. `git clone https://github.com/IBM/SpectrumScaleVagrant.git`
2. `cd SpectrumScaleVagrant`

Get the Spectrum Scale self-extracting installation package

The creation of the Spectrum Scale cluster requires the Spectrum Scale self-extracting installation package. The installation package can be downloaded from [IBM Support Fix Central](#).

Download the `Spectrum_Scale_Data_Management-5.0.2.2-x86_64-Linux-install` package and save it to directory `SpectrumScaleVagrant\software` on the `host` .

Vagrant will copy this file during the provisioning from the `host` to directory `/software` on the management node `m1` .

Install Vagrant

Follow the [Vagrant Getting Started Guide](#) to install Vagrant to get familiar with Vagrant.

Provisioning

Spectrum Scale Vagrant supports the creation of a single node Spectrum Scale cluster on VirtualBox and on AWS. There is a subdirectory for each supported provider. Follow the instructions in the subdirectory of your preferred provider to install and configure a virtual machine.

Directory	Provider
aws	Amazon Web Services
virtualbox	VirtualBox

Once the virtual environment is provided, Spectrum Scale Vagrant uses the same scripts to install and configure Spectrum Scale. Spectrum Scale Vagrant executes those scripts automatically during the provisioning process (`vagrant up`) for your preferred provider.

Directory	Description
setup/install	Perform all steps to provision a Spectrum Scale cluster
setup/demo	Perform all steps to configure the Spectrum Scale for demo purposes