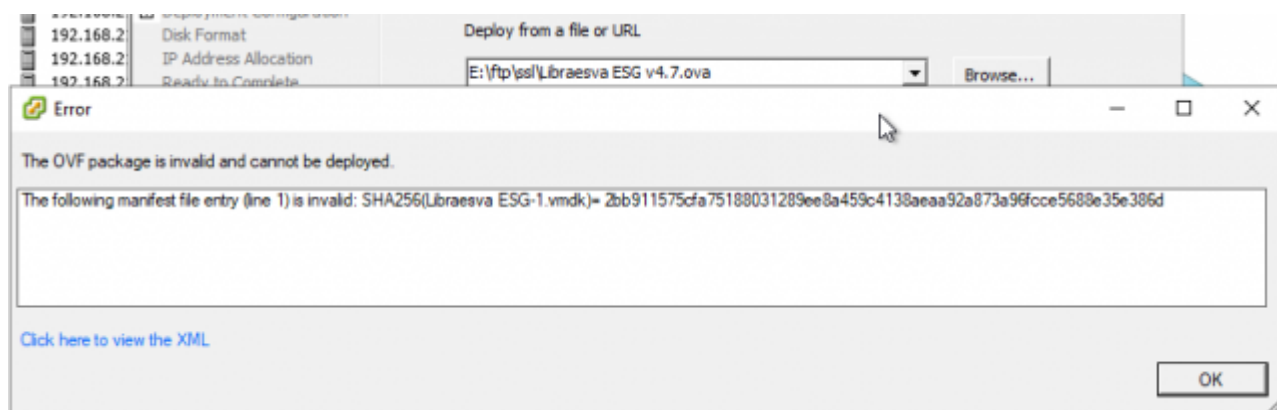# Import of a Virtual Appliance on VMware Fails Integrity Check

PROBLEM:

The OVF/OVA file of Libraesva ESG fails to be imported on VMware before version 6.5 with the following error:

The following manifest file entry (line 1) is invalid....

CAUSE:

VMware version 6.5 changed the algorithm used to validate files from SHA1 to SHA256. Unfortunately, there is no common algorithm which always works, so Libraesva ESG works out-of-the-box only on the latest version of VMWare.

Reference on VMware KB

SOLUTION:

The OVA file either need to be converted to use SHA1, or the verification should be done manually.

If the command `ovftool.exe` is locally available (or download from VMare website), then run the following:

```
ovftool.exe --shaAlgorithm=SHA1 "./path/to/Libraesva ESG v4.7.ova"
"./path/to/Libraesva ESG v4.7 SHA1.ova"
```

If the command above is not available or cannot be installed, then proceed with manual

verification. Make sure you have a tool to calculate SHA256 sum, in order to verify the integrity of the packages.

Steps to deploy an OVF/OVA image properly:

1. Calculate the SHA256 of the OVA and make sure that matches the one provided on the download site.

2. Create a folder on your local host.

3. Extract the virtual appliance on the created folder with a tool such as **7-Zip** (WinZIP may introduce errors)

4. Calculate the SHA256 of the extracted files

5. Open the *.mf file, and verify that all the listed files matches the SHA256 calculated before

6. Remove the *.mf file from the directory.

7. Import the OVF image now, and deploy it.

×**WARNING:** If any SHA256 integrity check fails, if means that the download is corrupted. You have to download it again.