

# KBE

- [Create KBE 9.X](#)

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**KBE 9.0 - 9.1 - 9.2 (Oct 15, 2024)**

**Reference KB article 184391**

Before creating a KBE, it is crucial to prepare a Windows 10 or Windows 11 system and drivers. It's recommended to use an isolated system, as antivirus software can interfere with the KBE build process.

- **Error Handling Tips:**

- If you encounter a **VBGetMAC null** error, refer to this guide: [Quest Support](#).
- For the **Script Error 8004100c** when loading KBE, check this link: [Quest Support](#).

## Steps to Create a KBE:

### 1. Set Up a VM

Ensure that the VM can connect to the KACE System Deployment Appliance (SDA) and has the following installed:

- [Windows 11 ADK](#)
- [WinPE Addon](#) (this is now required, make sure it's installed)

### 2. Backup and Update Drivers

a. Go to the KACE SDA Samba Share Driver folder and back up these directories:

```
\\KaceSDA\drivers\kbe_windows_x64
\\KaceSDA\drivers\kbe_windows_x86
```

“Note: You may need these drivers to recreate a KBE for previous versions of Windows.

b. Delete all folders and files inside the above directories.

c. Download the latest KBE Driver Pack from [Dell Support](#). Extract the CAB file using 7-Zip or WinRAR (Windows' default extractor won't work). Then, copy the folders as follows:

- Copy the `x64` folder to: `\\KaceSDA_IP\drivers\kbe_windows_x64`
- Copy the `x86` folder to: `\\KaceSDA_IP\drivers\kbe_windows_x86`

d. Re-cache the drivers in the KACE SDA console by going to **Settings** → **Appliance Maintenance**.

### 3. Use the Media Manager

a. In the SDA UI, navigate to **Library** → **Source Media** → **Media Manager**, and download the KACE SDA Media Manager tool.

Open the Media Manager, go to the **General Settings** tab, and fill out the following:

- SDA hostname
- IP address

- Samba share password

Click **Test Connection**. More details about this can be found [here](#).

b. In the **Create KBE** tab, you'll find different settings groups for customizing the KBE creation process. Typically, the default settings work for uploading the KBE.

For more details on creating a KBE, refer to the documentation [here](#).