

SDA

- [KBE](#)
 - [Create KBE 9.X](#)
- [Post Installation task order](#)

KBE

Create KBE 9.X

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](#).

Post Installation task order

The order in which you place your post-install tasks can significantly impact the success of your deployments. To ensure a smooth process, here are three key considerations when determining the sequence of these tasks:

1. System Lockdown Risks: Does this task have the potential to lock down the system, causing other tasks to fail? (e.g., domain joining or anti-virus installation)
2. Automation Dependencies: Does the task install or join something that could trigger other automation? (e.g., KACE agent initiating managed installs and scripts, domain join enforcing GPOs that launch scripts)
3. Task Dependencies: Are there any dependencies for this task, or is this task a prerequisite for another? (e.g., network installation should be completed before any dependent installations)

As a best practice, the final three tasks in your sequence should typically follow this order:

1. KACE agent installation (if required)
2. Anti-virus or security software installation
3. Domain joining

The screenshot displays the 'Installation Tasks' configuration window, organized into three main sections: Pre-installation Tasks (purple header), Mid-level Tasks (blue header), and Post-installation Tasks (green header). The Post-installation Tasks section is highlighted with a blue border and contains the following tasks:

Task Name	Icon	Expand/Collapse
SCRIPT - MAK Activation Windows	Info	⊖
SCRIPT - hide useless things from taskbar	Info	⊖
APP - Chrome	Info	⊖
APP - Office365	Info	⊖
APP - Notepad++	Info	⊖
AGENT - Apply KUID to K1000 Agent	Info	⊖
AGENT - KACE SMA Software 14.1.13	Info	⊖
AV - Antivirus Installer	Info	⊖
DOMAIN - Join Domain OU Name	Info	⊖

On the left side of the image, four blue arrows point to specific tasks in the Post-installation section:

- Scripts** points to 'SCRIPT - MAK Activation Windows' and 'SCRIPT - hide useless things from taskbar'.
- Application** points to 'APP - Chrome', 'APP - Office365', and 'APP - Notepad++'.
- KACE Agents** points to 'AGENT - Apply KUID to K1000 Agent' and 'AGENT - KACE SMA Software 14.1.13'.
- AV - Join Domain** points to 'AV - Antivirus Installer' and 'DOMAIN - Join Domain OU Name'.