



WFA 4.0 Upgrade Considerations

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Overview

Guidelines on upgrading WFA 3.1 to 4.0

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1 Pre-Upgrade Steps

The risk in upgrading WFA from 3.1 to 4.0 is extremely low, but in any enterprise environment we need to have reliable backups of a system before performing maintenance.

1.1 Backup All Definitions

The first step we'll take is to backup all definitions. Here are the steps:

- Log into WFA
- Click the Administration Menu
- Click 'Export All'
- Name the export file and click 'Export'
 - Please note - this may take several minutes to build the package before the file can be downloaded depending on the amount of custom content
- Locate the saved file and place it in a safe location

1.2 Backup WFA Database

In addition to backing up WFA definitions we're also going to backup the WFA database entirely:

- Log into WFA
- Click the Administration Menu
- Click 'Backup & Restore'
- Under the 'Backup' header, click the 'Backup' button
 - Please note – this may take several minutes to build the database backup depending on the size of the database
- Locate the backup file and place it in a safe location

2 Upgrade Steps

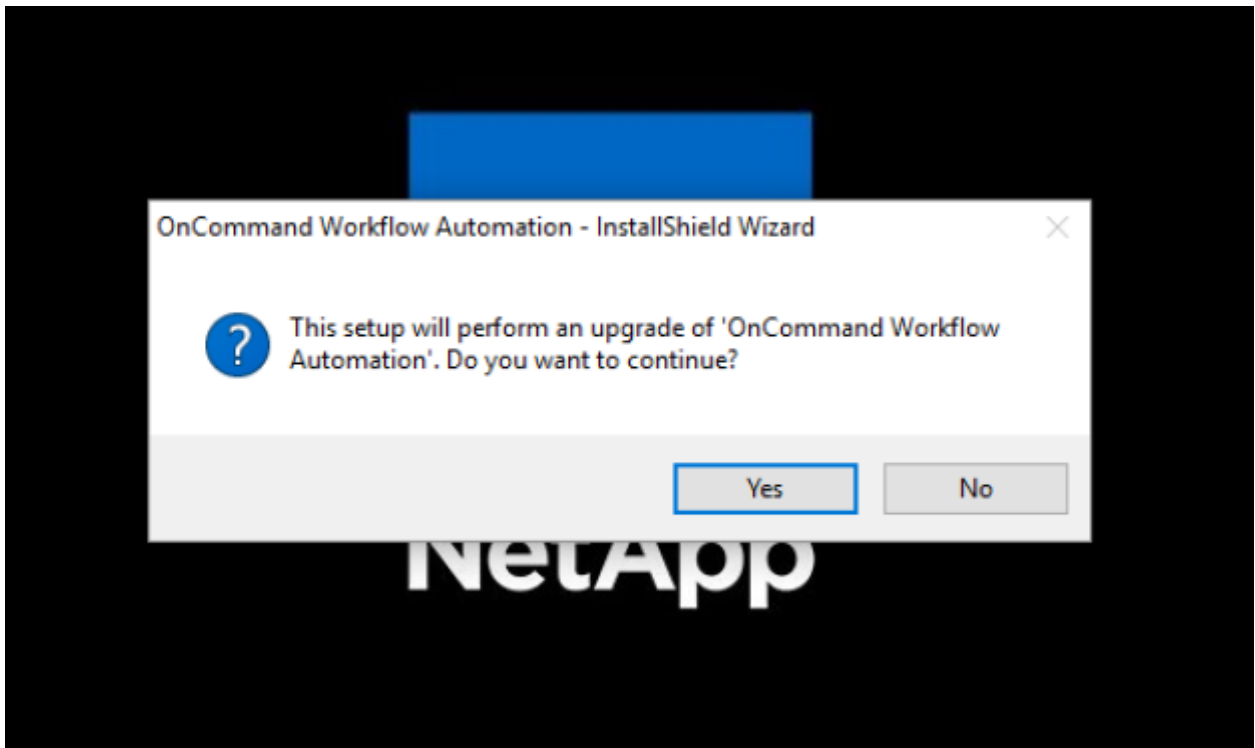
The actual WFA process is fairly straight-forward. Below are a series of screenshots stepping through the process.

Before starting this process you will need the username and password of a user account that can take a backup of WFA. Part of the upgrader's behavior is to take a backup of the database before upgrading; we also did this in the above step to be safe.

To start the upgrade please run the WFA 4.0 installer with administrative rights. There is no need to stop the existing WFA services before starting this installer.

2.1 Start Upgrade

Initial Menu After Initiating the Installer



OnCommand Workflow Automation - InstallShield Wizard



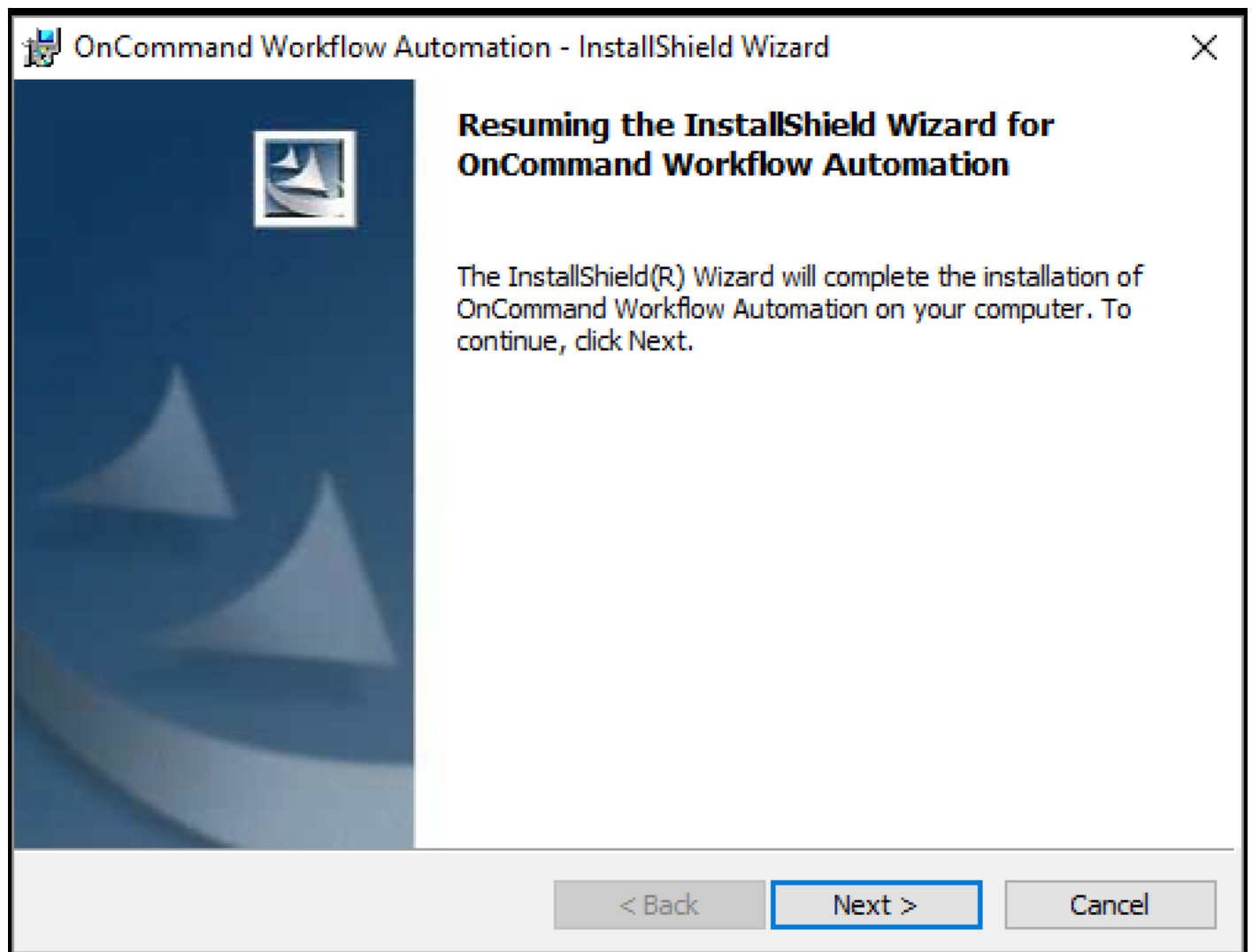
Preparing to Install...

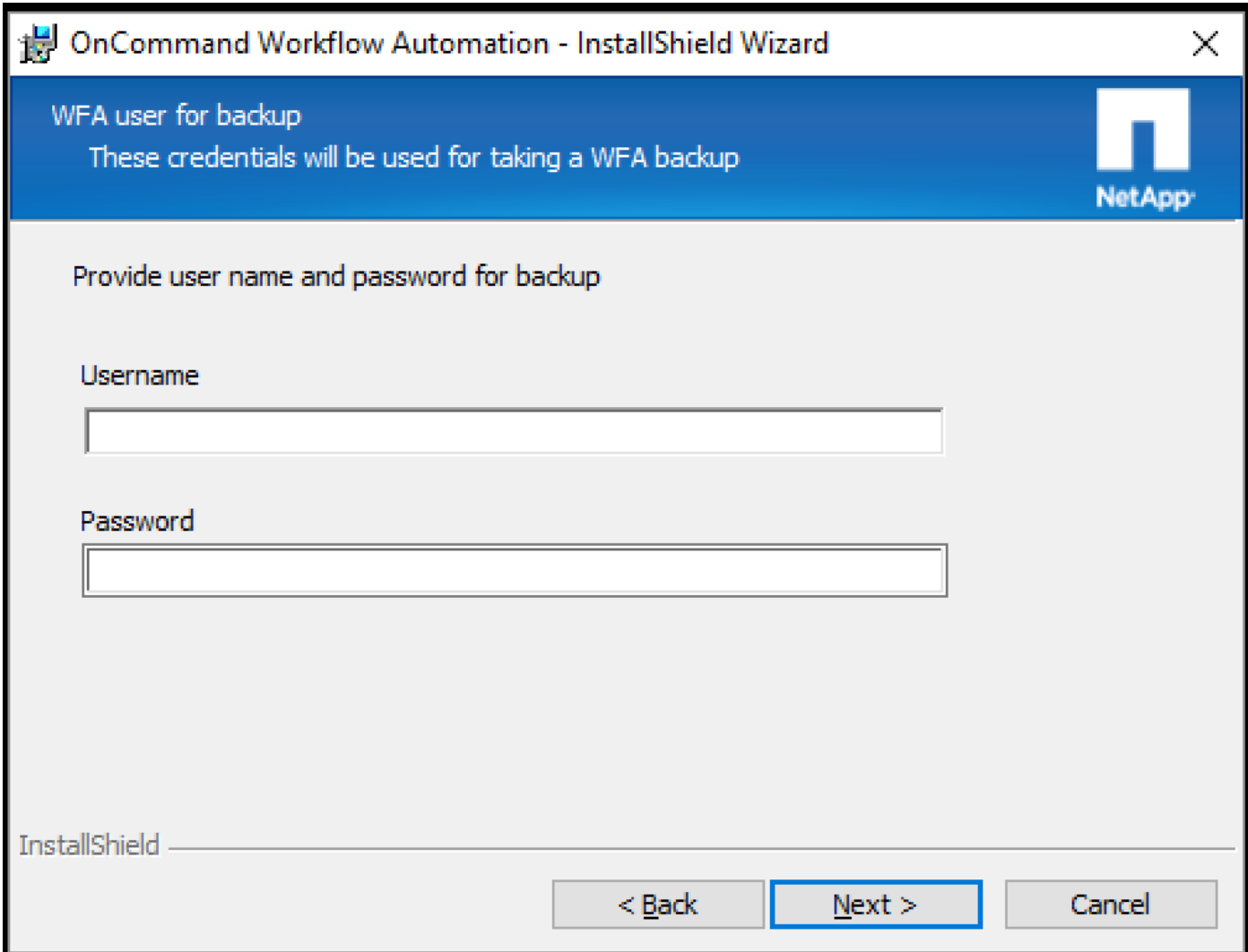
OnCommand Workflow Automation Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.

Extracting: OnCommand Workflow Automation.msi



Cancel





The image shows a Windows-style installer window titled "OnCommand Workflow Automation - InstallShield Wizard". The window has a blue header bar with the NetApp logo on the right. Below the header, the text "WFA user for backup" is displayed, followed by "These credentials will be used for taking a WFA backup". The main area is light gray and contains the instruction "Provide user name and password for backup". There are two input fields: "Username" and "Password". At the bottom, there are three buttons: "< Back", "Next >" (which is highlighted with a blue border), and "Cancel". The InstallShield logo is visible in the bottom left corner of the window.

OnCommand Workflow Automation - InstallShield Wizard

WFA user for backup
These credentials will be used for taking a WFA backup

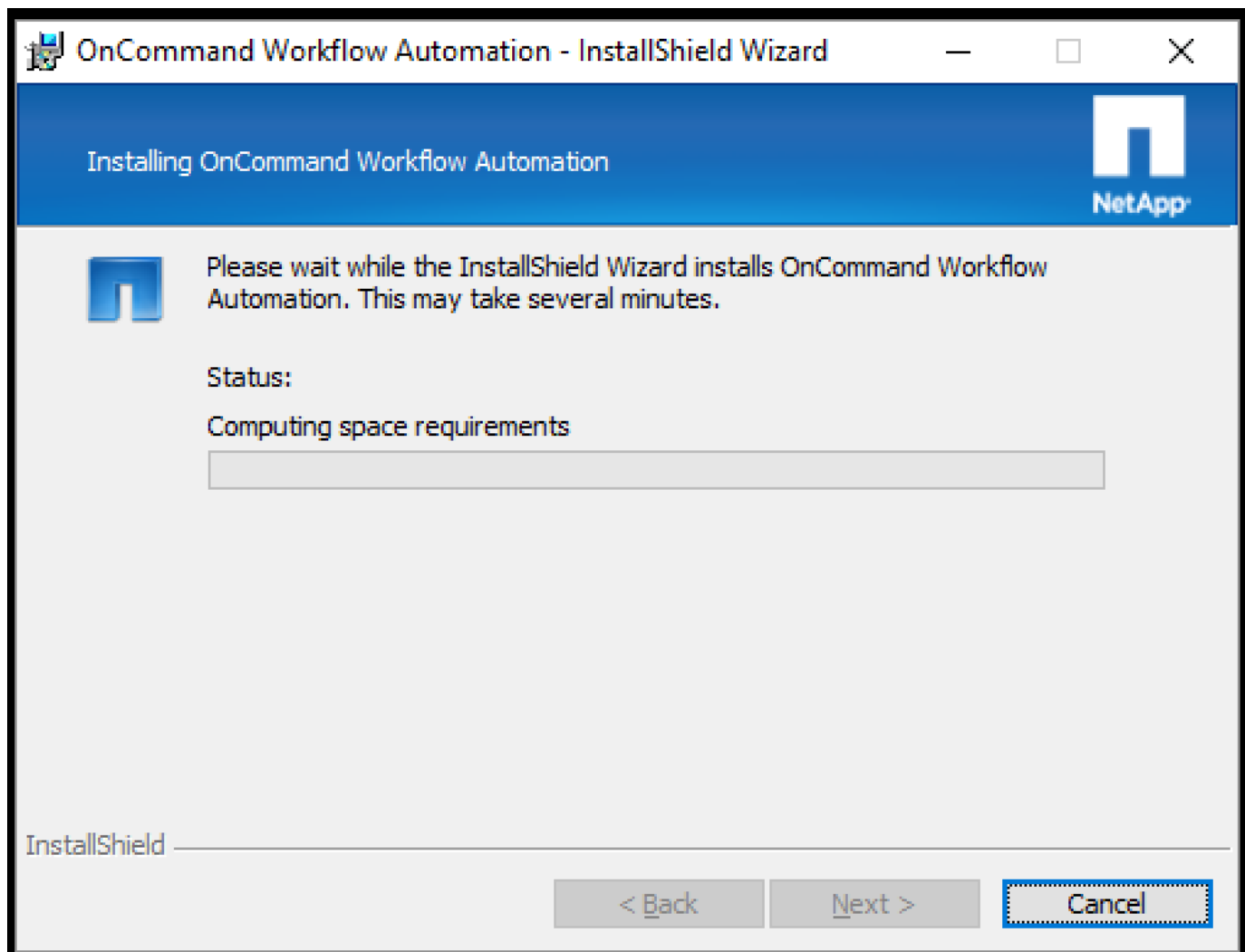
Provide user name and password for backup

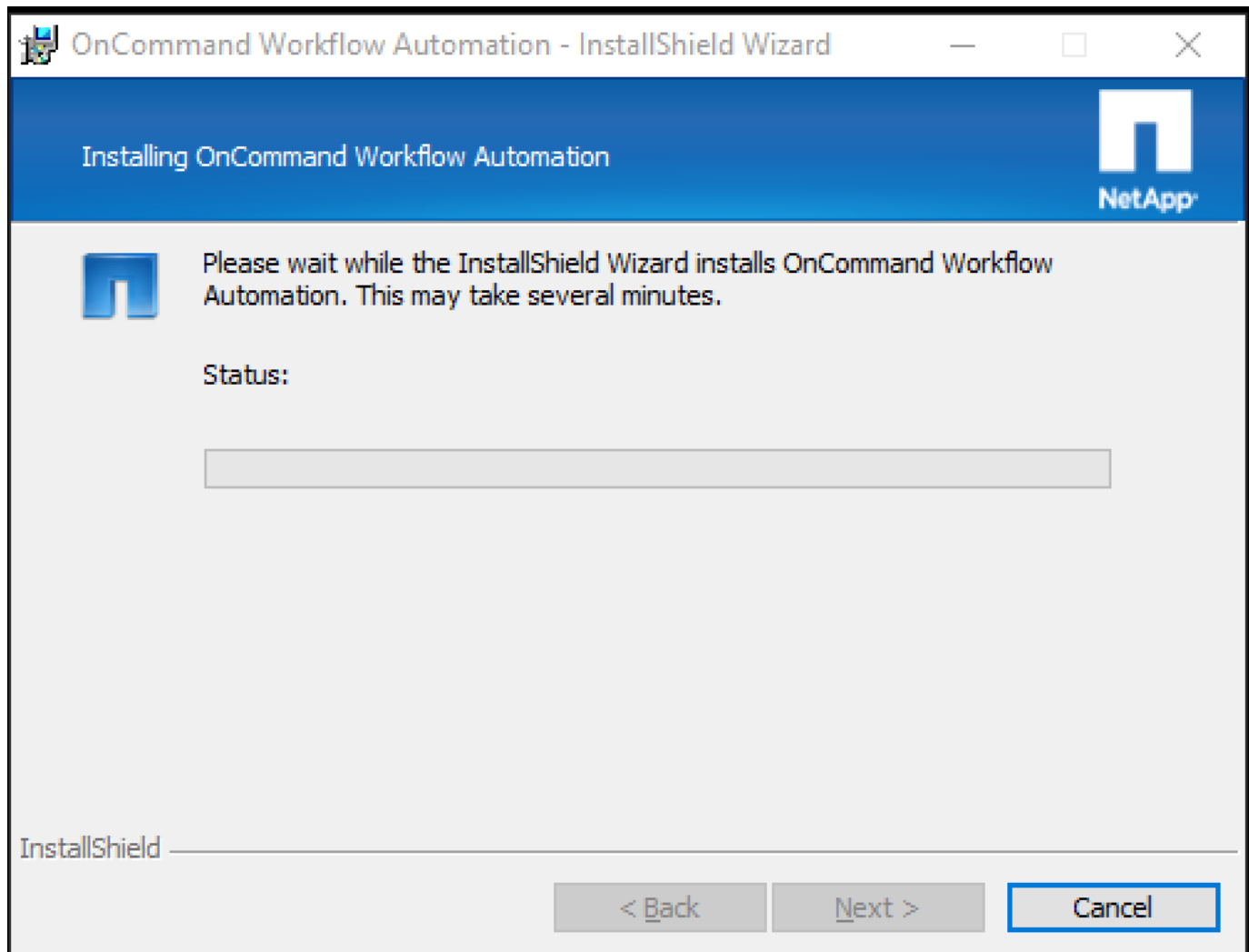
Username

Password

InstallShield

< Back Next > Cancel

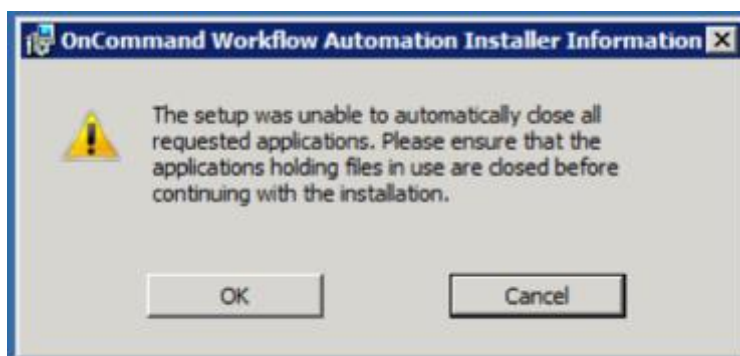
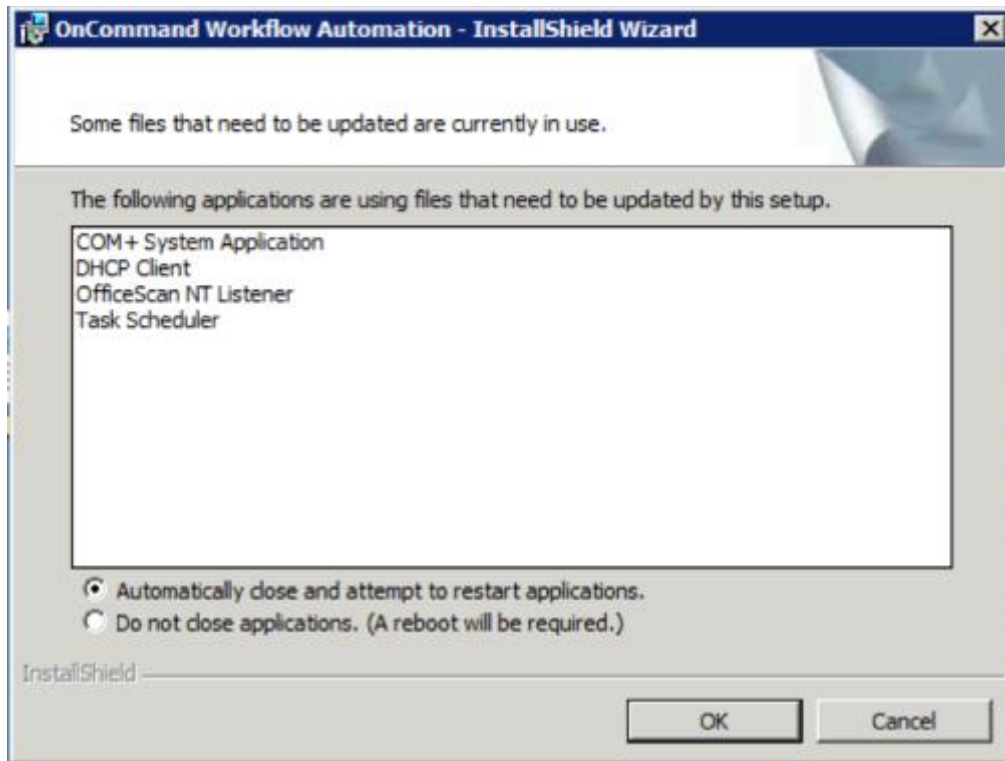




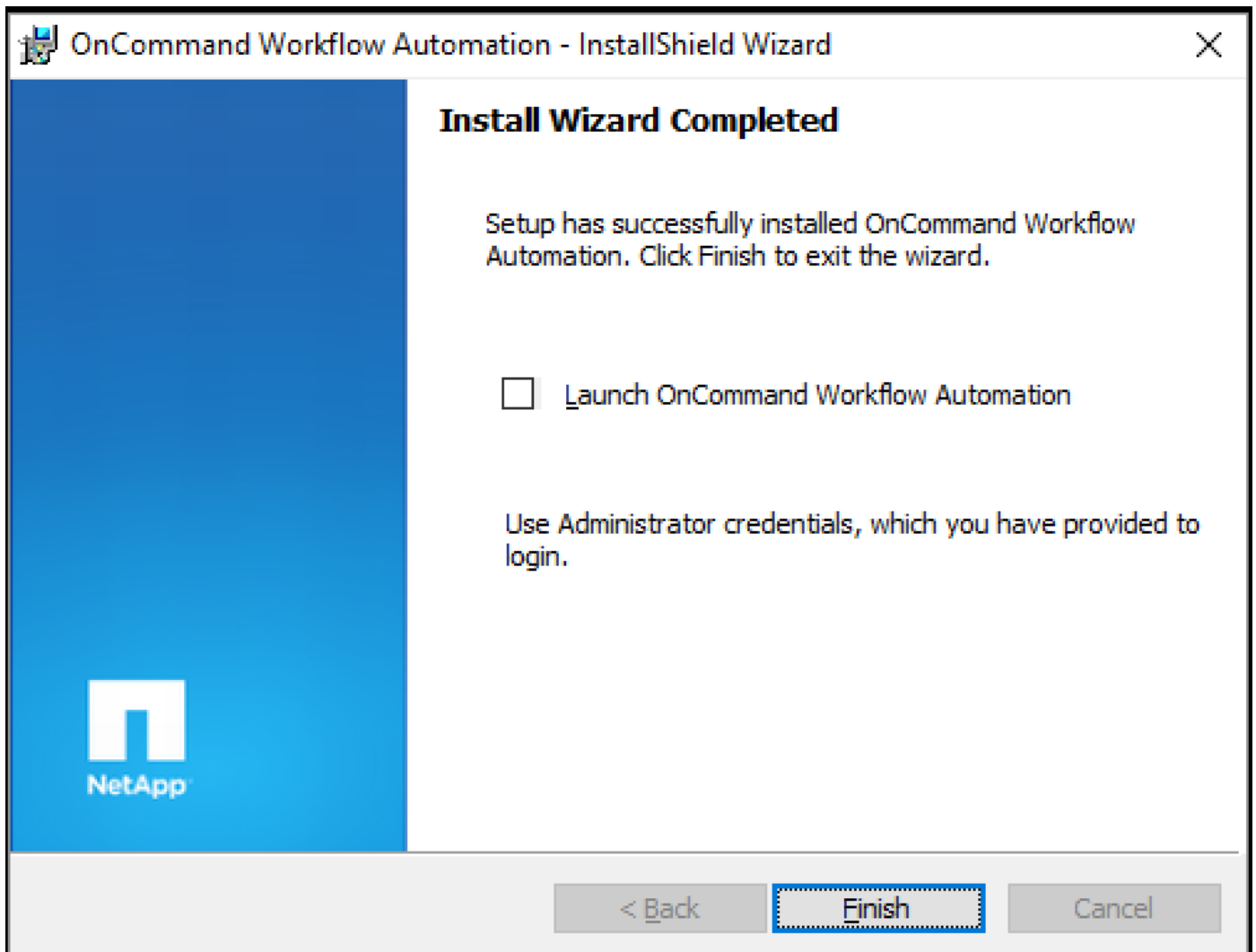
2.2 Do Not Close Running Applications

There may be running applications on the WFA server. Select the 'Do not close applications. (A reboot will be required.)' option from below, and click 'OK' on the next pop-up.

Figure 1

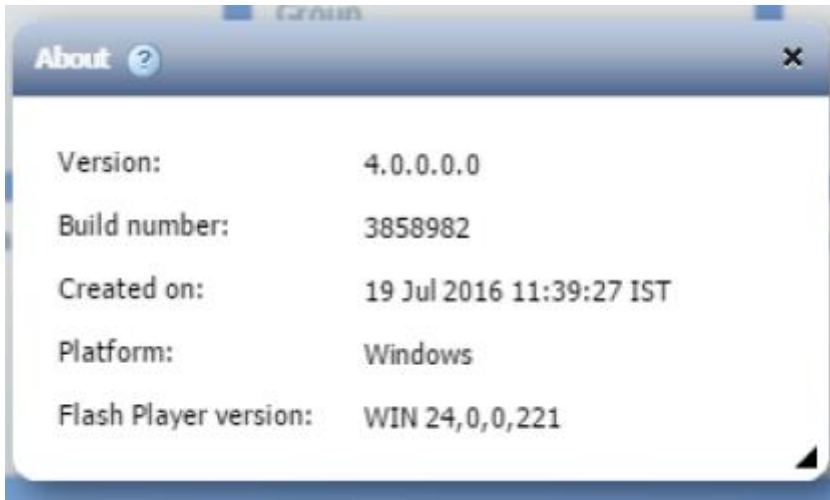


Installer/Upgrader Finished:



Verify New WFA Version

Go to the 'Help' menu, and 'About' selection, and verify WFA version:



2.3 Reboot WFA Server (if there were running applications earlier)

If you received a warning earlier about running applications that needed to be stopped, reboot the WFA server to completely finish the installation.

3 Post-Upgrade Steps

There are a handful of steps that need to be done after upgrading WFA. New WFA content is delivered in the concept of content 'Packs' – these are collections of content that can update WFA without requiring an entire upgrade of the software installation itself.

3.1 Install Updated cDOT Content Pack

There is an updated cDOT content pack available for WFA that is newer than what is included with WFA 4.0. Download the .dar file from the following URL and import it into WFA.

https://automationstore.netapp.com/pack-detail.shtml?packUuid=WFA_pack_for_managing_Clustered_Data_ONTAP&packVersion=1.2.3

3.2 Update Certified 7-Mode Volume Creation Command

At the time of writing this document, there is a bug (BURT 1074918) in WFA with the certified 7-Mode 'Create Volume' command when both a vfiler and quota tracking is enabled. A fix should be coming for this in a future WFA content pack.

In the meantime, NetApp has a workaround that involves a MySQL update to allow the certified command to be fixed. The workaround takes roughly 5 minutes to complete. This is only a temporary measure until the updated content pack is available. Due to the nature of this fix the NetApp account team needs to be involved in the remediation efforts.

Please contact the NetApp account team a minimum of 2 business days before a planned upgrade window is to take place. At the time of this writing (2017/04/11) this point of contact will be Joel Edstrom.

3.3 Run Workflow Regression Tests and Other Functionality Testing

As with any normal changes to WFA or WFA commands/workflows, it is highly recommended TR run through their suite of regression tests post upgrade to version 4.0.

This portion will be filled out in further detail after further discussions between TR and NetApp occur.

Version History

| Version | Date | Document Version History |
|-------------|-------------------------------|--|
| Version 1.0 | April 11 th , 2017 | Initial Release. Pending NetApp peer review and input from TR staff. |
| Version 1.1 | April 14 th , 2017 | Updated with additional screenshots from TR environment after upgrading test environment with Matt Stok. Various typo correction. |

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