**Nexus Upgrade Guide**

1. Backup nexus workspace
2. Upgrade nexus 2x (2.7.1) to latest 2x version (2.14.2)
3. Use the old nexus workspace with 2.14.2

**Upgrade Guide:**

<https://help.sonatype.com/display/NXRM3/Upgrading#Upgrading-StartingtheUpgrade>

Follow below options to upgrade 2.14.2 to 3.5.2 (2x to 3x)

**Enabling the Upgrade Capability in Version 2**

In version 2, enable the *Upgrade: Agent* capability to open the connection for the *upgrade-agent*.

Follow these steps:

1. Click to expand *Administration* in the left-hand panel.
2. Click the *Capabilities* menu item to open the respective screen.
3. Click the *New* button to access the Create new capability modal.
4. Select *Upgrade: Agent* as your capability *Type*.
5. Click *Add* to close the modal and add the capability.
6. Copy and save the *Access Token* found on the *Status* tab for your new capability. You need it to configure the Upgrade tool in   
   version 3.

In the lower section of the *Capabilities* interface, the repository manager acknowledges the upgrade-agent as *Active*.

**Enabling the Upgrade Capability in Version 3.1 (or later)**

In version 3, enable the *Upgrade* capability to open the connection for the upgrade-agent and access the Upgrade tool.

Follow these steps:

1. Click *Capabilities* in the *System* section of the *Administration* main menu to open the Capabilities feature view.
2. Click *Create capability*.
3. Select *Upgrade*, and then click *Create capability* to enable the upgrade capability.

**After the Upgrade**

With the upgrade completed and all components transferred, you can perform the next steps in your upgrade plan. These can include:

* Stopping Nexus Repository Manager 2.
* Archiving Nexus Repository Manager 2 and delete the install from the server.
* Reconfiguring Nexus Repository Manager 3 to use the HTTP port, context path and repository paths of version 2, if desired.
* Alternatively updating all tool configurations pointing to the repository manager, such as Maven settings files and POM files.

**Configuring Legacy URL Paths**

By default, Nexus Repository Manager 2 uses a different URL pattern to expose repositories and repository groups than Nexus Repository Manager 3. While automated tools and CI can be reconfigured to utilize the new patterns, it is possible to change a configuration on the Nexus Repository Manager end to allow your upgrade to use the old pattern as well.  This can be done in

**$data-dir/nexus3/etc/nexus.properties**

by adding

**org.sonatype.nexus.repository.httpbridge.internal.HttpBridgeModule.legacy=true**

As with any Nexus Repository Manager Configuration change, the server must be restarted for this to start working. Once done, this will allow the example of http://localhost:8081/nexus/repository/sample to also be accessed using **http://localhost:8081/nexus/content/repositories/sample** .

This example (above) assumes your hostname (localhost), port (8081) and context path (nexus) match between your Nexus Repository Manager 2 and Nexus Repository Manager 3 installations. If not, you must utilize the ones from version 3 or reconfigure as stated above.