Transferring the catalog from a previous version of IBM Spectrum Copy Data Management

The catalog is critical to the operation of IBM Spectrum® Copy Data Management. The catalog must be transferred from previous versions of IBM Spectrum Copy Data Management to IBM Spectrum Copy Data Management 2.2.18.0 when you upgrade. This procedure is required when you upgrade to IBM Spectrum Copy Data Management 2.2.18.0.

About this task

In IBM Spectrum Copy Data Management 2.2.18.0, the platform was upgraded from previous releases. There is not a direct upgrade path from previous versions of IBM Spectrum Copy Data Management to version 2.2.18.0 as it is now based on Redhat Linux. As a result, you must deploy a new instance of IBM Spectrum Copy Data Management 2.2.18.0 and transfer the catalog from the previous version of IBM Spectrum Copy Data Management and restore it in the newly deployed version.

Procedure

1. Using a supported web-browser, log in to your existing IBM Spectrum Copy Data Management virtual appliance.
2. Prevent any jobs from running by selecting **Hold Schedule** for all backup, restore, inventory and maintenance jobs that have the schedule enabled. For more information on holding jobs, see Holding and releasing a job session in the IBM Spectrum Copy Data Management User's Guide.

   Important:

   - Jobs using scripts do not require any special action when updating with catalog backup/restore from IBM Spectrum Copy Data Management 2.2.13.0/2.2.14.0/2.2.15.0/2.2.16.0/2.2.17.0 to IBM Spectrum Copy Data Management 2.2.18.0 as they can be edited/saved after the update.
   - If you're updating from IBM Spectrum Copy Data Management 2.2.13.0 to 2.2.18.0 for this release, active session control is only an issue that should be canceled or moved to permanent before the update. Updates from IBM Spectrum Copy Data Management 2.2.14.0/2.2.15.0/2.2.16.0/2.2.17.0 to IBM Spectrum Copy Data Management 2.2.18.0 will require no special action for Active Session control.
   - You must cancel or move to permanent all **Resource Active** sessions before you upgrade to IBM Spectrum Copy Data Management from a previous version. Jobs from previous versions of IBM Spectrum Copy Data Management will not load former active sessions, because the format of the data in the recovery session objects changes as part of the upgrade process.
3. Log in to the Administrative Console of the existing IBM Spectrum Copy Data Management virtual appliance.
4. Click the **Menu** > **Catalog Manager** > **Catalog Backup** > **Backup**. The catalog backup will commence. Wait for the backup operation to complete.
5. Next, SSH into the existing IBM Spectrum Copy Data Management virtual appliance. Copy the contents of /data/backup to another location separate from the existing IBM Spectrum Copy Data Management virtual appliance that can be transferred when needed in a later step.
6. Deploy IBM Spectrum Copy Data Management 2.2.18.0. For information on deploying IBM Spectrum Copy Data Management, refer to Installing IBM Spectrum Copy Data Management as a virtual appliance in the IBM Spectrum Copy Data Management User's Guide.
7. Change the default passwords on the newly deployed IBM Spectrum Copy Data Management virtual appliance. You must also change the password for the root user from the virtual appliance's

command line via SSH. For more information, see Access and default credentials in the IBM Spectrum Copy Data Management User's Guide.

Note: You must change the **SYSTEM** account password through SSH before you can access the Administrative Console. SSH into the appliance with the username `administrator` and the default password. After authenticating, you will be prompted to change the password from the default. This account can now be used to log into the Administrative Console.

8. Using SSH, log in to the UI of the newly deployed IBM Spectrum Copy Data Management virtual appliance as the `root` user. Create a `backup` directory as a sub-directory in `/data`:

```
mkdir /data/backup
```

9. Copy the data contained in the `/data/backup` directory that you copied in Step 5 into the `backup` directory created in the step 8.

10. Log in to the Administrative Console of the newly deployed IBM Spectrum Copy Data Management virtual appliance. Click **Menu** and then click **Catalog Manager**.

11. Click the **Menu** > **Catalog Manager** > **Catalog Restore** > **Restore**. Wait for the restore operation to complete.

12. Log in to the newly deployed IBM Spectrum Copy Data Management UI. Release the schedule for all jobs by selecting **Release Schedule** for all jobs. For more information on releasing jobs, refer to Holding and releasing a job session.

13. Re-import the source IBM Spectrum Copy Data Management license into the target IBM Spectrum Copy Data Management unless the source IBM Spectrum Copy Data Management and target IBM Spectrum Copy Data Management both have permanent licenses. If the source IBM Spectrum Copy Data Management license is permanent and the target IBM Spectrum Copy Data Management license is trial, the source IBM Spectrum Copy Data Management license should be imported into the target IBM Spectrum Copy Data Management.

14. Power off the older IBM Spectrum Copy Data Management virtual appliance. It may be beneficial to keep this appliance in the powered off state for a period of time in the case that it is needed for reference.

Results

The catalog from the previous version of IBM Spectrum Copy Data Management is migrated to the newly deployed version of IBM Spectrum Copy Data Management.