



# Subscription Central 2021

Creating and managing manifests for a  
connected Satellite Server



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## Abstract

This guide describes how to create, export, delete, and modify a manifest for a Red Hat Satellite Server on a connected network. Manifests enable you to find, access, synchronize, and download content from the correct repositories for use in the Satellite organizations that are managed by a Satellite Server.

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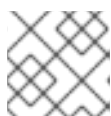
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## **PART I. CREATING AND MANAGING MANIFESTS FOR A CONNECTED SATELLITE SERVER**

Red Hat Satellite enables you to use sets of encrypted files containing subscription information, called manifests, to import your subscriptions into Satellite. After the manifest is imported, you can use it to manage RHEL systems and synchronize content. As a Satellite user on a connected network, you can create, export, delete, and modify manifests from Red Hat Hybrid Cloud Console. Alternatively, these actions can be performed from the Customer Portal.



# CHAPTER 1. CREATING A MANIFEST FOR CONNECTED SATELLITE SERVER

Creating a manifest enables you to import subscriptions to your subscription management application, such as Red Hat Satellite 6 or later. Creating a new manifest is required whenever you create a new Satellite Server or Satellite Organization.

## Prerequisites

- Red Hat Satellite 6 or later
- The Subscriptions administrator role in the role-based access control (RBAC) system for the Red Hat Hybrid Cloud Console

## Procedure

The following procedure guides you through the steps to create a subscription manifest.

1. Log in to your Red Hat Hybrid Cloud Console Account at [cloud.redhat.com](https://cloud.redhat.com).
2. From the Business Insights menu, click **Subscriptions > Manifests**.
3. From the **Manifests** page, click **Create new manifest**.
4. In the **Name** field, enter a descriptive name that you can locate later.
5. From the **Type** list, select the application type and version number that corresponds to your Red Hat Satellite Server.
6. Click **Save**.

## CHAPTER 2. EXPORTING AND DOWNLOADING A MANIFEST FOR CONNECTED SATELLITE SERVERS

Exporting a manifest enables you to manage the subscriptions that it contains from within your Satellite instance. Exporting and downloading a new copy of the manifest is required whenever you add or remove subscriptions from the manifest.

### Prerequisites

- Red Hat Satellite 6 or later
- To export a manifest, you can have either the Subscriptions user role or Subscriptions administrator role in the role-based access control (RBAC) system for the Hybrid Cloud Console.

### Procedure

The following procedure guides you through the steps to export and download a manifest.

1. Log in to your Red Hat Hybrid Cloud Console Account at [cloud.redhat.com](https://cloud.redhat.com).
2. From the Business Insights menu, click **Subscriptions** > **Manifests**.
3. From the **Manifests** page, click the name of the manifest that you want to export.
4. Click **Export manifest**



#### IMPORTANT

Do not refresh the page while the manifest is exporting. Refreshing the page will disrupt the manifest creation process.

When the manifest is exported successfully, a notification window opens.

5. From the notification window, click **Download Manifest**.



#### NOTE

The application encodes the selected subscriptions certificates and creates a compressed file in .zip format. This file is the subscription manifest that you can upload into Satellite Server. The file saves to your default downloads folder.

After you download the manifest, you can import it into your Satellite Server. You can then use the Satellite web UI to update the manifest and refresh it to reflect the changes. Alternatively, you can import an updated manifest that contains the changes. For more information, see [Importing a Subscription Manifest into Satellite Server](#) in the Red Hat Satellite *Content Management Guide*.

## CHAPTER 3. SETTING THE SIMPLE CONTENT ACCESS MODE FROM RED HAT HYBRID CLOUD CONSOLE

When you create a new manifest, simple content access is enabled by default. Simple content access gives you the ability to consume content on your systems without strict entitlement enforcement. However, if you have an environment where simple content access is not appropriate for all manifests, the Subscriptions administrator can change the simple content access mode for each manifest as needed.

For Red Hat Satellite version 6.5 and later, you can set the simple content access mode for a particular manifest directly from the Manifests page of the Hybrid Cloud Console. You can check whether simple content access is enabled for a manifest from the setting that is displayed in the Simple Content Access column in the Manifests table. For Red Hat Satellite versions older than 6.5, the Simple Content Access column displays N/A because simple content access is not available for those versions of Satellite.

### Prerequisites

- Red Hat Satellite 6 or later
- The Subscriptions administrator role in the role-based access control (RBAC) system for the Red Hat Hybrid Cloud Console

### Procedure

The following procedure guides you through the steps to set the simple content access mode to Enabled or Disabled from Red Hat Hybrid Cloud Console.

1. Log in to your Red Hat Hybrid Console Account at [cloud.redhat.com](https://cloud.redhat.com).
2. From the Business Insights menu, click **Subscriptions > Manifests**.
3. From the **Manifests** page, locate the name of the manifest that you want to modify in the Manifests table.
4. In the Simple Content Access column, set the simple content access switch to Enabled or Disabled, depending on the mode you want to use for that manifest.



### NOTE

The ability to set the simple content access mode for manifests is only available in Satellite versions 6.5 and later. If simple content access enablement is not available, the Simple Content Access column displays N/A.

## CHAPTER 4. DELETING A SUBSCRIPTION MANIFEST FOR CONNECTED SATELLITE SERVERS

You can remove unused manifests for maintenance purposes. However, deleting an active manifest on a connected Satellite Server is intended for debugging purposes only. Before deleting an active manifest, it is important to note the consequences:

- All subscriptions attached to running hosts will be deleted.
- All subscriptions attached to activation keys will be deleted.
- You will be required to create, export, download, and import a new manifest into your connected Satellite Server and reattach the subscriptions to hosts and activation keys.
- Red Hat Insights will be disabled due to a lost connection to Red Hat Satellite.

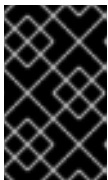
### Prerequisites

- Red Hat Satellite 6 or later
- The Subscriptions administrator role in the role-based access control (RBAC) system for the Red Hat Hybrid Cloud Console

### Procedure

The following procedure guides you through the steps to delete an unused manifest.

1. Log in to your Red Hat Hybrid Cloud Console account at [cloud.redhat.com](https://cloud.redhat.com).
2. From the Business Insights menu, click **Subscriptions > Manifests**.
3. From the **Manifests** page, click the name of the manifest that you want to delete.



### IMPORTANT

Deleting a manifest will delete all subscriptions attached to running hosts and activation keys and disable Red Hat Insights. This operation is permanent and cannot be undone.

4. From the Details panel, click **Delete manifest**
  - a. If you are sure that you want to delete the selected manifest, select the confirmation check box and then click **YES, DELETE**.