



# Avid MediaCentral | Cloud UX

ReadMe Version 2021.7.12

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## Important Information

Avid recommends that you read all the information in this ReadMe file thoroughly before installing or using any new software release.

For more information and documentation on Avid MediaCentral Cloud UX, visit the Avid Knowledge Base at: [http://avid.force.com/pkb/articles/en\\_US/user\\_guide/MediaCentral-CloudUX-Documentation](http://avid.force.com/pkb/articles/en_US/user_guide/MediaCentral-CloudUX-Documentation)

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## Installation and Prerequisites

Avid MediaCentral Cloud UX v2021.7.12 is a cumulative patch release that includes new features or fixes for issues found in the product following the initial software release. This feature-pack-only patch release requires a prior installation of MediaCentral Cloud UX v2021.7.x.

For details on the specific issues fixed in this release, see [“Fixed in Version 2021.7.12” on page 4](#).

### Note on Apache Log4j Security Vulnerabilities

Although the files are not in active use, some security scanning tools might detect vulnerable Log4j components in legacy images within the Docker registry. If you need to remove these inactive legacy packages, you must upgrade your system to MediaCentral Cloud UX v2021.11.2 or later. Avid does not have a procedure that might allow you to manually eliminate these files.

The process to clean the Docker registry that was previously included in this ReadMe was found to be ineffective for removing these inactive packages and as such, the process has been removed from this document.

## Updating the MediaCentral Cloud UX System

The steps required to install this patch on single-server configurations or clustered configurations are similar. Any variations for clustered systems are noted in the following process by a “cluster-only” identifier. If you are familiar with the process to install a new MediaCentral Cloud UX server, the following steps should look very familiar to you. As such, you can reference the *Avid MediaCentral / Cloud UX Installation Guide* for additional information on many of the topics referenced below.

The first three nodes in a MediaCentral Cloud UX cluster are considered master nodes. When you initially installed and configured the cluster, you were asked to define a “primary” master node. When installing the patch on a cluster, you must execute all commands from the primary master node.

The following upgrade process applies to both single and multi-site environments. There are no specific or custom steps required for a multi-zone configuration.

### To install the MediaCentral Cloud UX patch:

1. Use a terminal application to log in to your single-server or primary master node as the *root* user.
2. (cluster only) Identify your “primary” master node.

The primary master node is the only node in the cluster that includes the system configuration files at: `/etc/avid/config/`. Select a node in your cluster and enter the following command to determine if the system configuration files are present on this node:

```
ls /etc/avid/config
```

If you are accessing your primary master node, the command should list the configuration files that were used to deploy your original installation. For example, you might see:

```
auth.yaml cert.yaml site-key.yaml
```

If the system reports that none of these files exist on your current server, repeat the above command on each cluster node until you identify the primary master node.



*While highly unlikely, it is possible that the configuration files listed above might exist on another cluster master node. The only reason this might occur is if someone attempted the original installation from multiple nodes — most likely in a lab environment or a troubleshooting scenario. If you discover that multiple nodes include the configuration files, you must examine the contents of the files to determine which files were used in the original deployment. If the files are **identical** on each master node, either node can be used to complete the upgrade process.*

3. Enter the following command to unmount anything from the `/features` directory:

```
umount /features
```

4. Mount the Feature Packs ISO (`mediacentral_feature_packs_<version>.iso`) to the `/features` directory on your single server or primary master node.

The command to complete this task varies based on how you connected the ISO to your server. If, for example, you copied the ISO file directly to the server, you would use the following command to mount the ISO on the system:

```
mount -o ro /<path>/mediacentral_feature_packs_<version>.iso /features
```

For information on alternative methods to mount an ISO to a Linux directory, see “Mounting an ISO Image” in the *Avid MediaCentral / Cloud UX Installation Guide*.

5. Use the following command to deploy the updated features included in this release:

```
avidctl platform deploy -i
```

The script checks the `/etc/avid/config/` directory on the local node to verify the existence of the system configuration files. If the script finds the configuration files, it reports the status of each file [OK]. If the script cannot find the files, it alerts you to the situation and provides you with an opportunity to abort the installation and resolve the issue.



*If you are missing the configuration files, you are most likely installing a cluster and you are attempting to complete the feature pack installation on a non-primary master node.*

6. The script asks if you want to import features from the Feature Pack ISO.
  - a. Enter **Y** (or **y**) to import the updated feature packs from the ISO.
  - b. At the Path to Feature Packs prompt, press Enter to accept the default path of `/features/feature-packs/`.



*You would only enter N (no) at this prompt if you wanted to use this script to redeploy the feature packs for the same version of software that you are already running. You must answer yes when performing a software upgrade.*

7. Next, you must determine which feature packs should be upgraded, installed, or removed.

The script prompts you with a series of yes or no questions. Each prompt is associated with a default value which is identified as a capital Y for *yes* or N for *no*. If the script determines that the feature pack is already installed, the default value is Y. If the feature pack is not installed, the default value is N. Do one of the following:

- ▶ Press the Enter key to accept the default value.
- ▶ Press **Y** (or **y**) to install the feature pack.
- ▶ Press **N** (or **n**) to skip or uninstall this feature pack.

If your existing installation includes a feature pack that you no longer want to use, you can enter **N** at the prompt to remove the feature pack from your existing installation.

The feature pack installation process begins. Be patient as this process can take some time.

## 8. (if applicable) Redeploy System Monitoring

- ▶ If your system is configured for system monitoring with the Logging option, you **must** redeploy the monitoring feature to enable the updated components:

```
avidctl monitoring deploy
```

- ▶ If you deployed System Monitoring without the Logging option, you are not required to redeploy the monitoring feature.

For more information on this feature, see “Enabling System Monitoring” and “Deploying System Monitoring” in the *Avid MediaCentral | Cloud UX Installation Guide*.

## 9. After the installation is complete, you can use the following command to verify that the required feature packs have been installed:

```
helm ls
```

While some components such as “mon” (platform-monitoring) might be associated with a different version number, 2021.7.12-v0002-Ga610b1d should read as the App Version for all upgraded components.

## 10. (optional) To maximize system security, the upgrade process automatically disables the Kubernetes dashboard. If needed, you can re-enable the dashboard using the following command:

```
avidctl extra kube-dashboard deploy
```

When you are not using the Kubernetes Dashboard, Avid recommends that you disable the tool:

```
avidctl extra kube-dashboard remove
```

For more information, see “Deploying the Kubernetes Dashboard” in the *Avid MediaCentral | Cloud UX Installation Guide*.

## Fixed in Version 2021.7.12

- ▶ **Bug Number:** ICS-10177. Newly created Avid license.json files include a Signature string that cannot be understood by older versions of MediaCentral Cloud UX. Attempts to import the license result in a failure with the following message: “Signature verification failed, as signature does not match.”

## Fixed in Version 2021.7.11

- ▶ **Bug Number:** MTTO-3965, MTTO-3968. An expired gateway certificate might block the connection from some external / partner services, resulting in a certificate chain validation error.

The certificate included in this release is valid until January, 2033.

## Fixed in Version 2021.7.10

- ▶ **Bug Number:** JP-7899. You cannot sign-in to MediaCentral Cloud UX after upgrading to Google Chrome v100 or later. Instead, the Welcome page displays the following error message: “Unsupported browser version MediaCentral | Cloud UX needs Chrome <version> or later to perform at it's best.”

## Fixed in Version 2021.7.9

- **Bug Number:** MTTO-3676. In some cases the avid-push-notifications-dispatcher-service-core pod might consume an excessive amount of system resources, leading to a crash of this pod. This issue is seen most often when the Collaborate app generates a large number of push notifications.

## Fixed in Version 2021.7.8

- **Bug Number:** MX-8766. In the Tasks app, you cannot select a value from a legal list included in a multi-value compound property if the legal list is empty when opening the task.



*Although originally distributed as part of v2021.7.5, a build error caused this fix to be removed from the v2021.7.6 and 2021.7.7 releases. This release restores the code to resolve this issue.*

## Fixed in Version 2021.7.7

- **Bug Number:** MX-8795. After editing metadata through the Tasks app, the Done button does not confirm the changes on the first click. Instead, the button remains active and the user must click it again to confirm the change.
- **Bug Number:** UIR-10448, AL-445. The ability to disable entitlements at a user group level is unavailable.
- **Bug Number:** PRS-939. An issue in the configuration of avid-upstream affected the high availability of this system.

## Fixed in Version 2021.7.6

- **Bug Number:** APPSVCS-1003, PRS-889, PRS-890, PRS-887, PLAD-768, RCTR-2078, MCEM-3417. Multiple updates to address the Apache Log4j security vulnerabilities described in CVE-2021-45105, CVE-2021-45046, and CVE-2021-44228, including an update to Log4j v2.17.0, Elasticsearch v6.8.22, and Logstash v2.16.2.

For more information, see the Avid Technology Log4j Assessment document on the Avid Knowledge Base at: [https://avid.secure.force.com/pkb/articles/en\\_US/troubleshooting/en239659](https://avid.secure.force.com/pkb/articles/en_US/troubleshooting/en239659)

## Fixed in Version 2021.7.5

- **Bug Number:** MX-8766. In the Tasks app, you cannot select a value from a legal list included in a multi-value compound property if the legal list is empty when opening the task.
- **Bug Number:** MX-8765. In the Tasks app, a “Task list could not be loaded” error can appear when loading the tasks list for the first time.

## Fixed in Version 2021.7.4

- **Bug Number:** UIR-10510, UIR-10402. When scrolling beyond the first 100 processes in the Process app, additional processes display a Loading message. The processes never actually load into the app.
- **Bug Number:** UIR-10406. In case processes in the Process app are shown in groups and hierarchy, filtering the list might result in showing an infinite spinning “loading” icon for hierarchies where no subprocess is matching the filter.
- **Bug Number:** MX-8715. After altering a metadata value in Legal List, Master Data, Thesaurus fields in the Tasks app, the app’s controls are disabled until you click the Save button.

## Fixed in Version 2021.7.3

- **Bug Number:** MX-8628. When using the Metadata tab to search for a value within a multi-value compound (MVC) property that includes a hidden sub-attribute, the user interface encounters an error that requires you to reload the UI to escape.
- **Bug Number:** MA-6044. The following sequence of events results in a continuous refresh spinner: associate a sequence with a story in the Rundown app, duplicate the sequence, unassociate the original sequence, and then associate the duplicated sequence.

## Fixed in Version 2021.7.2

- **Bug Number:** UIR-10430. The Configuration Settings app does not allow you to save the MCDS URL in the Production Management modules settings. After entering and saving the value, the field is cleared with nothing saved.
- **Bug Number:** MX-8648, ICI-3671. Attempting to add a marker to a shotlist results in a “Markers cannot be created in sequence video gaps” error.
- **Bug Number:** JP-7725. Asset thumbnails are not available in the Search app.

## Fixed in Version 2021.7.1

- **Bug Number:** RCTR-1965. Phonetic searches that return a large number of assets can overload the connection to the MongoDB database, causing the search to fail. As this search starves the MongoDB connection pool, searches initiated by other users could fail for a short period of time.
- **Bug Number:** JP-7692. Clicking the Download Results button in the Search app might fail to download a .csv file to your local workstation.

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