Knox Service Plugin for Chimpa MDM

These instructions provide an overview of how to install KSP with the following MDM. Always check your MDM's specific documentation for the most up to date instructions.

Step 1: Chimpa MDM - Add to UEM console

https://www.chimpa.eu/en/ is a secure, mobile device management portal that works with KSP.

This section provides instructions on how to set up the KSP plugin in Chimpa MDM.

Before you begin

Before you begin, however, ensure that you have:

1. Access to the https://www.chimpa.eu/en/contact/ console.
2. Linked your Chimpa MDM console with a Managed Google Account. This allows you to deploy Android Enterprise devices.
3. Enrolled eligible devices and applied any necessary enterprise policies.

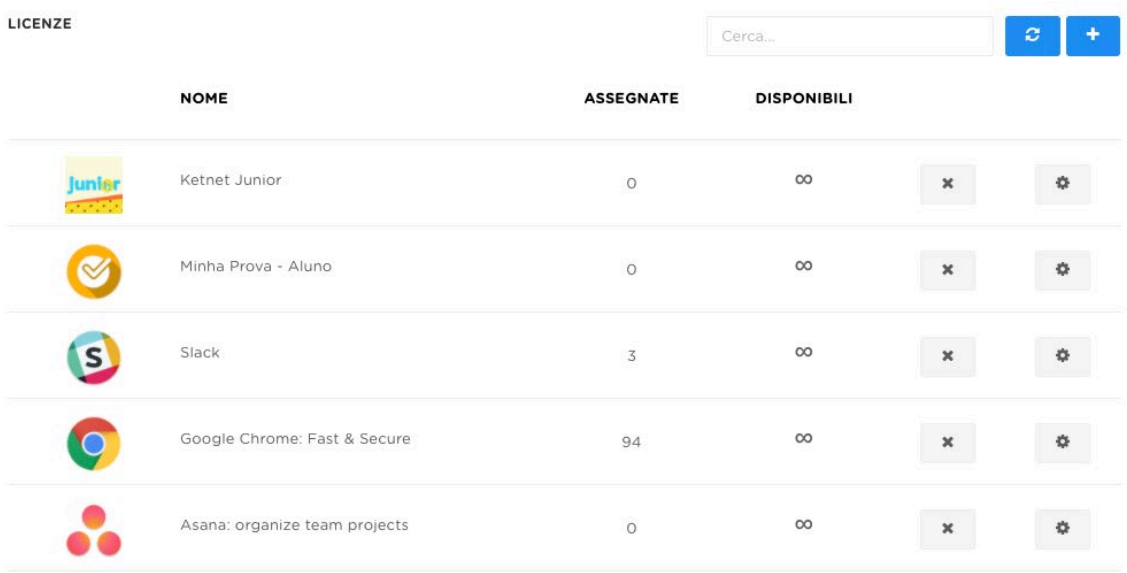
For more information on logging in to and setting up your Chimpa MDM console, see https://wiki.chimpa.eu/docs/en/doc_0

How to add Knox Service Plugin to Chimpa

OEMConfig is a new standard that allows you to create and remotely push configurations to apps through an XML schema.
KSP is Samsung's OEMConfig based solution that enables IT admins to apply advanced Knox Platform for Enterprise (KPE) restrictions and configurations as soon as they're available.

Chimpa MDM pre-approves KSP in the Google Play Managed.
Minimum device requirements for KSP: Android 9+ (Knox 3.2.1+), Android 8.0 (Knox v3.x) requires a fully managed device (Supervised / DO) provisioning.

Full instructions on the configuration of MGP can be found here.



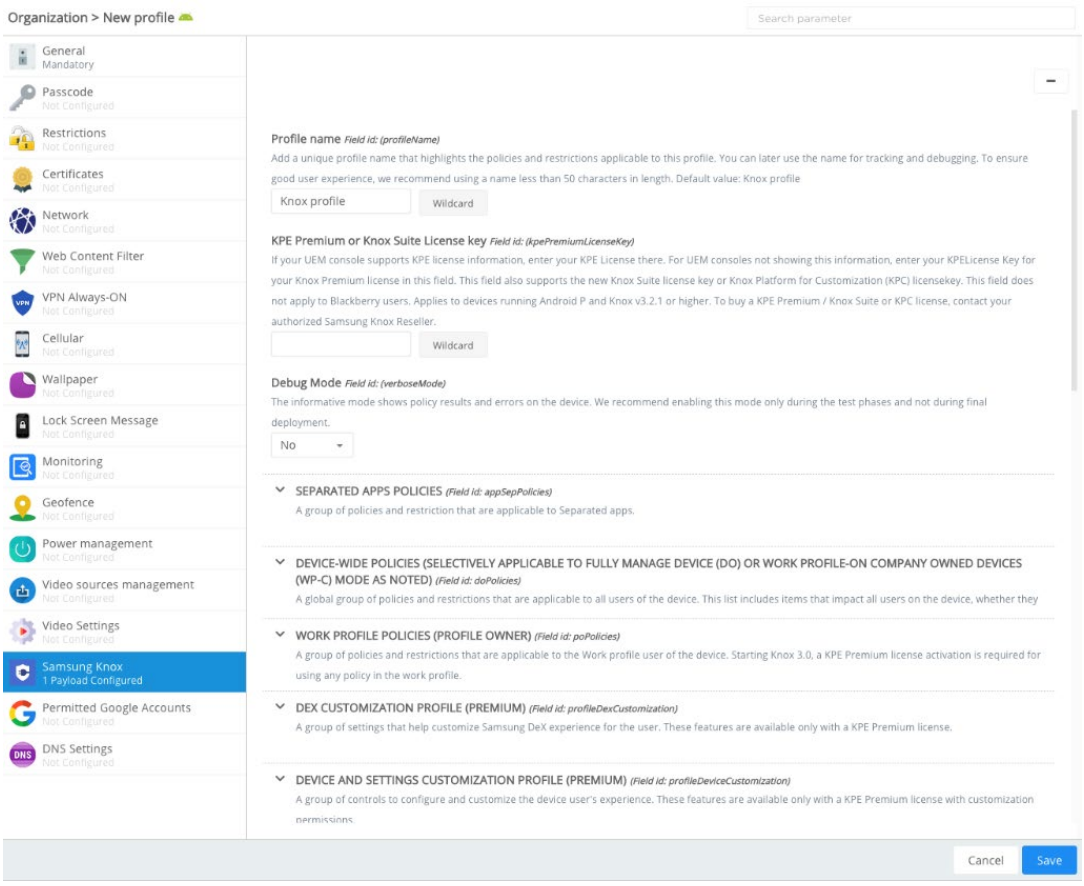
For more information on customize apps parameters to the Managed App Catalog, see https://wiki.chimpa.eu/docs/en/doc_6_0_2

Next steps - Configure KSP

Step 2: Chimpa MDM - Configure

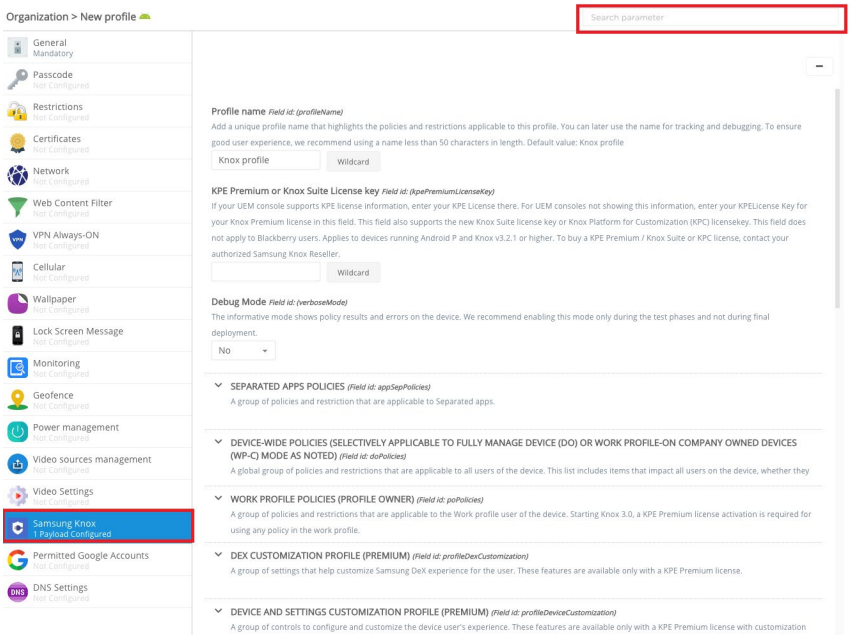
This section provides instructions on how to configure KSP policies in Chimpa MDM.

To use KSP it is necessary to configure a Samsung Knox Payload in a group's or devices Android profile.



Edit KSP policies

Click Samsung Knox payload configuration tab. KSP provides a number of configurable parameters. To facilitate navigation in the settings, you can use the search field.



Click **Save**. The KSP App Configurations settings page save polices that are currently applied to KSP.

For full information about the various KPE features and policies currently available with KSP, see KSP features and KPE functionality.

Next steps - deploy KSP to devices

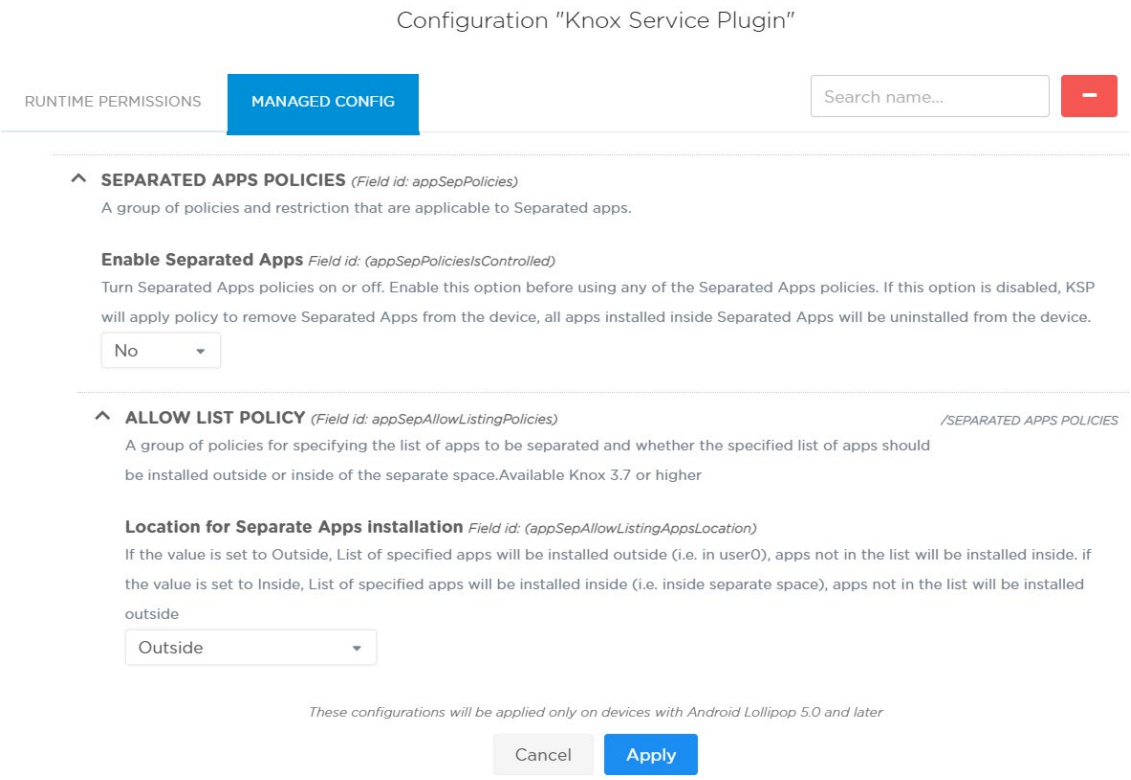
Now that you've set up and configured KSP in your Chimpa MDM console, you need to deploy the app to your managed devices.

Step 3. Chimpa MDM: Deploy

This section provides instructions on how to deploy KSP policies in Chimpa MDM.

Deploy KSP

Once set up, Knox Service Plugin is ready to be deployed to your devices. All you have to do is to press confirm button after you save configuration.



Next steps - KSP debug mode

Now you can check the results and policy errors on the devices.

Step 4. Chimpa MDM: Debug mode

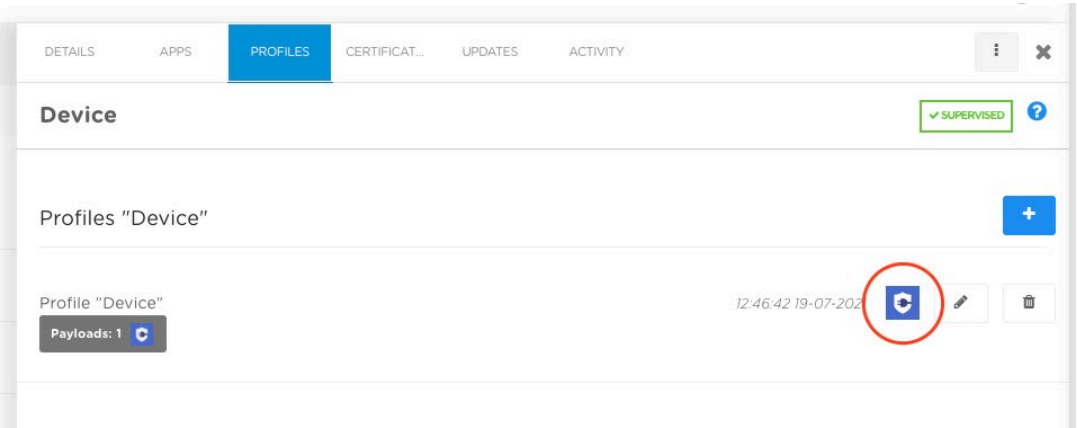
This section provides instructions on how to debug KSP application in Chimpa MDM.

How to use KSP debug mode

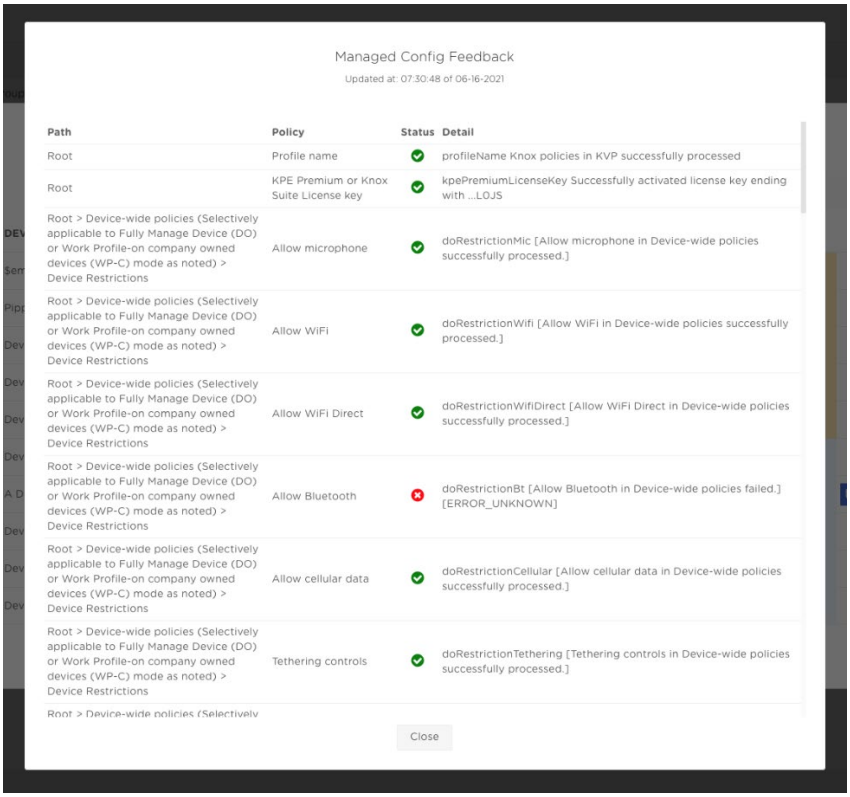
Debug mode can be helpful in testing and deploying your setup. By default, KSP runs in the background and has no user interface. Debug mode allows you to view the results and policy errors on the device so you can verify that your configurations are correct. When enabled, it runs an application that displays the policy status. This application should start automatically when a new policy is received.

Once the Payload has been configured, it is possible to consult the Feedback Channel to verify that the parameters have been applied correctly in two ways:

- If the payload has been configured in a device profile, click on KSP icon next to profile edit button



- If the payload has been configured in a group profile, click on  button to the right of the profile and in the list of devices and click on the  icon



Note: Feedback can be delivered async and with delay so you can manually send a Refresh Info action to check if any feedback is available.

You can read more about Debug mode in the KNOX Documentation available here.

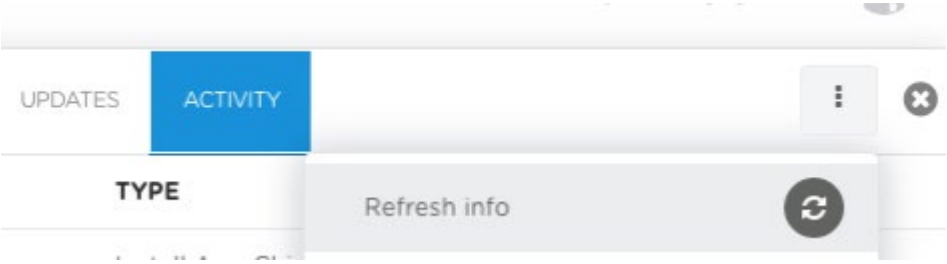
Next steps - KSP troubleshooting

Now you can quick find info about KSP configuration errors.

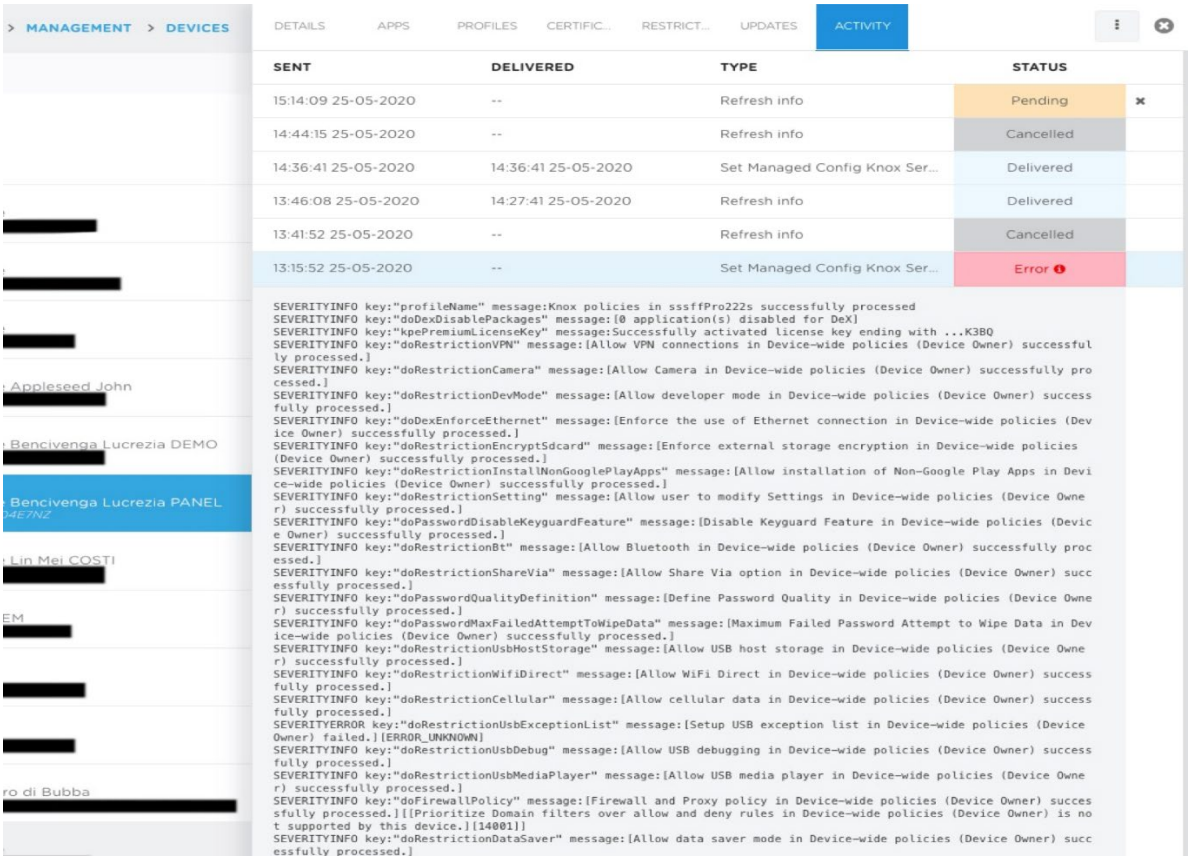
Step 5. Chimpa MDM: Troubleshooting

This section provides instructions on how to troubleshoot KSP application in Chimpa MDM.

Check in Activity if the status of the Refresh Info action has been set to Delivered.



You can also check feedbacks in the Activity logs clicking over the single action's status (shown with an "I" icon).



The error messages allow you to quickly identify a problem with the KSP configuration.

The list of errors with possible causes and suggested solutions is available here.

Useful links:

Chimpa KSP admin guide: https://wiki.chimpa.eu/docs/en/doc_11_11

Samsung's KSP admin guide: https://docs.samsungknox.com/admin/knox-service-plugin/welcome.htm

KSP page on Google Play: https://play.google.com/store/apps/details?id=com.samsung.android.knox.kpu