**Diagram

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**Abstract:**

Are you a z/OS system administrator or a system programmer and would like to use a graphical user interface to easily install updates for SMP/E managed software? With the Software Update task, you can apply updates to existing software instances and manage in-progress and completed update processes,

This self-directed lab will take you through a guided experience for installing corrective, recommended, and functional updates to your system.

So, you’ve bought a great new product called “The Box III” from Hooli! You’ve successfully deployed this software. How do you update your newly installed product? It is very simple with z/OSMF Software Update.

*What level of z/OSMF do you need to package or install a PSI? Ensure you have the appropriate z/OSMF Software Management support installed:*

* *z/OSMF V2.2 with PTF UI44516 , or*
* *z/OSMF V2.1 with PTF UI42018*

Note: Subsequent enhancements are being made to z/OSMF Software Management all the time. To find them, just use the SMP/E FIXCAT IBM.DrivingSystem-RequiredService.Note: Subsequent enhancements are being made to z/OSMF Software Management all the time. To find them, just use the SMP/E FIXCAT IBM.DrivingSystem-RequiredService. Note: Subsequent enhancements are being made to z/OSMF Software Management all the time. To find them, just use the SMP/E FIXCAT IBM.DrivingSystem-RequiredService. The Exercise instructions heading should use paragraph style ***Heading 2 (new page)***.

You can start a new part of the exercise with an introductory paragraph, or jump directly to the steps required to complete the part.

When composing exercise steps make sure you start with a major numbered step using style ***Steps***. This numbered step describes what will be done. Experienced students can attempt to complete this step just by reading and doing what’s in the numbered step. Follow with lettered steps which describe in detail how to accomplish the major step. These minor steps are also of style ***Steps***, but are indented using the tab key, or the indent buttons on the toolbar.

See the example below:

When you follow this self-directed lab, here is a high-level overview of what you will learn:

1. Logon to z/OSMF with your supplied lab id and password.
2. z/OS Customer view: install a PSI provided from a software vendor using z/OSMF Software Management’s deployment task.

Logon to z/OSMF.

#1a

In this step, we will now go into z/OSMF to use the Software Update function. For this lab, we are using a z/OSMF 3.1 system.

1. Go to <https://share.centers.ihost.com/zosmf/> on the Firefox or IE web browser. (If you want to follow this lab on your own system, that is fine. Just not some of the samples we use you will need to supply yourself, using the Appendix to find those samples.).
2. Using the userid you were given (SHARAnn, SHARBnn, or SHARCnn) and the password, logon to z/OSMF. The userid you were given is a regular z/OS userid on this system and has been given access to z/OSMF. There is *no* z/OSMF code on this workstation, all executables (except the web browser) are on the z/OS system.
3. Click on “LOG IN”.

**https://share.centers.ihost.com/zosmf/**

#1a

A screenshot of a cell phone

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#1c

#1b

Click on “**Software Update**”.

Graphical user interface, application

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In the **Software Update** window.

1. To limit the Software Instances that are displayed, put in your SHARE\_ID -SWULAB in the search line. This will show your Software Instance that you will work with
2. Click on the arrow next to your Software Instance. This will show you the Zone for your Software Instance
3. Select the Zone.
4. You can “View Updates in Progress” and cancel the update.
5. You can also see the completed updates.

Graphical user interface, application

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You now have the option to choose which type of updates you want to install. “**Install Corrective**”, “**Install Recommended**”, or “**Install Functional**”.

For this lab, we are going to go ahead and install a functional update.

Click on “**Install Functional**”.

Graphical user interface, application

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Here we can see all the FIXCATs that are available for us to install. For this lab we are to install fixes that have the Hooli.Thebox.HealthChecker FIXCAT associated with them.

1. Select Hooli.Thebox.HealthChecker
2. Click on Install selected.

Graphical user interface, application, Teams

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Now we are ready to start installing our PTFs.

This next window, “Preparing Updates”, shows the status of the process to prepare updates for installation.

Here we can see that we will have some “New HOLDs”(1) that we will be working with.

Click “Next”(2) to continue.

Graphical user interface, application, website

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Note: At any time in the process you can click “Save and Exit”(3) and come back to the installation at a future time.

We can now see we have 4 HOLDs to resolve. We have 3 DOC holds that we can resolve before we install, and 1 IPL HOLD that we will want to resolve after installation.

Graphical user interface, application, website

Description automatically generated

Select the 3 DOC HOLDs. Notice now just above the HOLDs we have several different options we can do with these HOLDs.

Graphical user interface

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Before we resolve these HOLDs, let’s take a look at them. Click on the arrow next to one of the HOLDs(1). This will expand and show you the HOLD related to the PTF shown to the right.

Once you review all the HOLDs, click on “Resolve HOLD”(2).

A picture containing graphical user interface

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You should now only see 1 HOLD, the IPL HOLD. For this HOLD we will want to resolve after installation. Select this HOLD(1), then click on “Resolve after Installation”(2), then Click “Next” which will be active once you resolve the IPL HOLD(3).

Graphical user interface

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This next window, “Verifying Updates”, shows the status of the process to verify your hold resolution choices. Go ahead and click “Next” once you see the checkmark next to Done.

Graphical user interface, application, website

Description automatically generated

This window is the “Pre-install Summary”. This window summarizes the installation status of the updates. It shows all updates that have been selected for installation or that were excluded from the installation. No updates have been installed at this point. You can see that we have 5 updates that have been selected to be installed. Click “Next”

Graphical user interface

Description automatically generated

This next window, “Install Updates”, shows the status of its work to install the selected updates on the selected software instance. If there was an “ERROR” you would be able to download a zip file with the job output. Click “Next” when you see the checkmark next to “Done”.

Graphical user interface, application

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Now we can now resolve our HOLD that we chose to resolve after installation. Like the DOC holds, you can click on the arrow next to the HOLD(1) to read the content. Select the HOLD(2) and click on “Resolve HOLD”(3). then Click “Next” which will be active once you resolve the IPL HOLD(4).

Graphical user interface, text, email

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This final window, “Installation Summary”, provides links to download the SMP/E output for the update process and information about the HOLDs for you to review.

Graphical user interface, application, email

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Congratulations!! You have just used Software Update to install your SYSMODs. You can **Close** out of this window.

If you would like to try the “Install Corrective” option on your own, go ahead and try to install update HL00009.

Thank you for being a good user on our system!