

ZENworks Linux Management 7.2 Demo Script

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Demo Script: ZENworks Linux Management 7.2 IR1

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ZLM 7.2 IR1 Utopia demo script

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NOTES:

All policies, bundles (file and RPM) and catalog have been created. The configuration of these can be viewed in ZCC

The java PlugIns for remote control has been configured but the remote control passwords needs to be set

All policies have been assigned to the slednrm-zlm workstation but the schedule is set to none. You will be required to set the schedule as you step through the demo

All bundles and catalogs have been NOT been assigned to the slednrm-zlm workstation. You will be required to carry out the assignment and schedule as you work through the demo

Run ZCC from the Server to do the configuration

Follow the steps below to demo zlm72

Checklist

Start the server and make sure all services are running: /opt/novell/zenworks/bin/zlm-config – status/stop/start

Start the ZENworks Control Center (ZCC) on the server

Text file policy

1. In ZCC click on policies
2. Click the chg_hosts file policy
3. In the Assignment pane, set the Enforcement-Schedule to **Relative to Refresh** by click on **None**
4. cat /etc/hosts and make sure that there is a line with #utopiatest as the text at the end of the file. This is the string that will be searched by the policy and a new line with specific test will be added after that line
5. On the workstation open a terminal window and su to root
6. Issue the cat /etc/hosts command and make sure that there is a line #utopiatest at the end of the file
7. Issue a rug refresh command
8. Click on Policies and then on the chg_hostfile policy and show the even in the Event Log pane
9. cat /etc/hosts and show the addition of a line after the #utopiatest line

Evolution Policy

1. In ZCC click on policies
2. Click the Evolution policy
3. In the Assignment pane, set the Enforcement-Schedule to **Event** with **User Login** by click on **None**
4. On the workstation open a terminal window and su to root
5. Check that the Receiving emails is set for No Encryption
 - a) Start the Evolution client
 - b) Click on **Edit** and then on **Preferences**
 - c) Highlight the Mail Account icon and then click on **Edit**
 - d) Click on the “Receiving Email” tab and show that the “Use Secure Connection” is set for **No Encryption**
6. Issue a rug refresh command
7. Logout of the workstation and log back in
8. Click on **Policies** and then on the **Evolution Policy** and show the event in the Event Log pane
9. Start the Evolution client
10. Click on **Edit** and then on **Preferences**
11. Highlight the Mail Account icon and then click on **Edit**
12. Click on the “Receiving Email” tab and show that the **Use Secure Connection** is enabled. i.e No Encryption is greyed out

Firefox Policy

1. In ZCC click on **Policies**
2. Click the **Firefox Defaults** policy
3. In the “Assignment” pane, set the Enforcement-Schedule to **Event** with **User Login** by click on **None**
4. Show the setting in firefox that will be changed
 - a) Start Firefox
 - b) Note the current Home Page
 - c) Click on **Bookmarks** and show that they can be edited
 - d) Click on **Edit > Preferences**
 - e) Click on **Download** and show that the currently all downloaded files will be saved to the Desktop

5. On the workstation open a terminal window and su to root
6. Issue a rug refresh command
7. Logout of the workstation and log back in
8. Click on **Policies** and then on the **Firefox Defaults** Policy and show the event in the Event Log pane
9. Start firefox and show the changes made by the policy
 - a) Entering a new URL will be disabled
 - b) Notice the home page has been set to <https://172.17.2.53/zenworks> by the policy to start ZCC
 - c) Click on **Bookmarks** and show that the policy has set it to be non editable
 - d) Click on **Edit** and then **Preferences**, Show that the configuration is now set for the user to be asked where the files to be downloaded are to be store

SLED Lockdown policy

1. In ZCC click on **Policies**
2. Click the **SLED lockdown** policy
3. In the “Assignment” pane, set the Enforcement-Schedule to **Event** with **User Login** by click on **None**
4. On the workstation open a terminal window and su to root
5. Issue a rug refresh command
6. Logout of the workstation and log back in
7. Click on **Policies** and then on the **SLED Lockdown** Policy and show the event in the Event Log pane
8. Show the following :
 - a) Notice the background change? if not log back out and log back in
 - b) Show that only Firefox, Evolution, home folder and OpenOffice Writer are in the favorite applications
 - c) “Lock Screen” will be removed from the System area
 - d) The “More Applications” browser will have been removed
 - e) The Trash icon will be removed from the Desktop
 - f) Right click on the Panel and show that it is not possible to configure the it

Bundles and Catalogs

NoteAll bundles and catalog will need to be assigned to the workstation as you work through the demo script

File Bundle

1. In ZCC click on **Bundles**
2. Click on the file **file distribution** bundle
3. In the “Assignment” pane, click on **Add** and assign the bundle to the workstation and set the Enforcement-Schedule to **Relative to Refresh** by click on **None**
4. Click on the “Details” tab for the file distribution bundle
5. Click the **Deploy** button to increment the version number by one. Currently deployed version will be 1 and this will change to **Version 2 is currently deployed**
6. On the workstation open a terminal window and Issue a rug refresh command
7. You should get the novell.txt file delivered to bob's Desktop

RPM Package Bundle

1. In ZCC click on **Bundles**
2. Click on the **ksudoku** bundle
3. In the Assignment pane, Click on **Add** and assign the bundle to the workstation and set the Enforcement-Schedule to **Relative to Refresh** by click on **None**
4. On the workstation open a terminal window and issue a rug refresh command
5. Check that the ksudoku rpm is installed (rpm -qa |grep ksudoku)
6. Run ksudoku from the terminal window

toolscatalog Catalog

1. In ZCC click on **Bundles**
2. Click on the **toolscatalog**
3. In the Assignment pane, Click on **Add** and assign the bundle to the workstation and set the Enforcement-Schedule to **Relative to Refresh** by click on **None**
4. On the workstation open a terminal window and issue a rug refresh command
5. Click on **Computer** and then on **Install Software**
6. Click on **Configure**
7. Click on the **Catalogs** tab and check mark the toolscatalog in the list. Click **Close**
8. If all has gone well you will see the bundles and packages listed in the Software Installer screen
9. Notice at the bottom that the software to be installed by Type i.e All, Package or Bundle (bottom left)

10. Click on **Bundles**, select the 3 bundles listed and then click on Install. (You will get a Dependency Resolution Failed – this is a bug with the agent)
11. Click on the **Packages** link then on **Install**
12. Allow for the packages to be installed and then run `kdirstat`, `filelight` and `treesize` from the command line to confirm
13. Issue the following commands `rug bp treesize`, `rug bp kdirstat`, `rug bp filelight`. It will list that the packages within the bundle are installed

Demo gcalctool as an update

1. Click on **Bundles** and then on **Calculator** bundle
2. Assign the **Calculator** bundle to the workstation and set the schedule type **Relative to Refresh**
3. Start the **gnome calculator** program (`gcalctool`) and note the version. It should be 5.6.31
4. On the workstation open a terminal window and issue a `rug refresh` command
5. As this Bundle is directly assigned to the workstation, it will automatically be deployed to the workstation and the new version of `gcalctool` (ver 5.8.25) will be installed. The zen-updater icon may briefly change to Orange (signifying that updates are available) during the process

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