LDP Workshop

**Workshop 4**

**More on this workshop**

**Alerts and Access Control**

**ALERTS- LDP provides alerts through Maintenance Tasks that are scheduled outside of LDP to regularly check the health of the system, current latency, and whether there have been errors or warnings since the most recent check.**

**LDP is designed to automatically recover from interruptions to data replication and will always resume where it left off. As a result, once configured, LDP can be left alone to manage the replication and periodically you may access LDP to look at the Topology chart or inspect Statistics.**

**However, there can be scenarios in which replication stops and cannot be resumed without intervention. Examples that could cause replication to fail are the network becomes unavailable for an extended period of time, a system crashed due to a faulty part, or a bug in software (either LDP’s or the technologies with which LDP integrates).**

**Access Control – In today’s world, controlling access to every application has become critically important. The wrong access could allow malicious or accidental changes to your environment that could have deep repercussions. LDP provides the ability to create users and control access to the LDP UI.**

**In this workshop you will explore the Alerts window and how to create alerts. You will also learn how to create an LDP user and control access for that user.**

1. In the navigation bar on the left side, at the bottom are three icons.

*Click* on the middle system icon that looks like a gear.

Icon

Description automatically generated with medium confidence

This will take you to the “System” page. It is on this page that you can find information on the current hub, Permissions, Users and Alerts.

*Click* on the far-right tab which says Alerts.

A screenshot of a computer

Description automatically generated with medium confidence

This will take you to the ALERTS page. Since no alerts have been defined, there will be no alerts listed.

*Click* on the “Create New Alert “button on the right side of the page.

A screenshot of a computer

Description automatically generated with low confidence

This brings up the “New Alert” window.

Graphical user interface, application

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In here is where you create an alert and setup notification will be sent. Let’s create an alert.

*Enter “*test” in the “ALERT NAME” box. Note that it must be in lower case

*Leave* “Send Alerts on both Errors and Warnings” selected

*Leave* the notification type set to “Email”

*Enter demo@demo.com* in the “Recipients” box

*Enter localhost* in the Server box

*Enter demo* for the User

*Enter LDP* for the Password

*Scroll* to the bottom of the screen

*Click* on the blue “Save” button at the bottom of the window

Graphical user interface, text, application, email

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A screenshot of a computer

Description automatically generated with medium confidence

This will take you back to the System/Alerts page and you can see Alert you have just created listed. Since these are only workshop environments, notifications will not be sent.

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1. While on the “System” page, lets now create a user and assign the new user permissions.

*Click* on the “Users” tab to be taken to the User page.

A screenshot of a computer

Description automatically generated with low confidence

*Click* on the white “Add User” button on the right side of the page

A screenshot of a computer

Description automatically generated with low confidence

This will bring a pop-up window for entering the new user information

*Leave* the “Authentication” set to “Local user”

*Enter “test”* as the username.

*Enter “Test User”* for the full name.

*Enter “Hvr1234567890”* for the password

*Click* the blue “Save” button

Graphical user interface, application

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The new user will now be shown in the Users screen.

A screenshot of a computer

Description automatically generated with low confidence

Now to grant access to the new user

*Click* on the “Permissions” tab to the left of the “Users” tab in the System page

A screenshot of a computer

Description automatically generated with low confidence

This will bring up the permissions page.

*Click* on the white “Add Access” button on the right side of the page.

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This brings up the “User Access” pop-up

*Select* the “User” circle and from the drop down

*select* the “test” user you just created.

*Select* the bottom “ReadOnly” choice at the bottom of the choices

*Click* the blue “Save” button in the lower right of the pop-up

Graphical user interface, text, application, email

Description automatically generated

The test user will now be shown in the permissions page with the access you give it

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Description automatically generated

Test the new user and confirm they only have ReadOnly permissions by logging into the LDP UI as the user you just created and confirm that you have read only permission.

First logout of LDP.

*Click* on the profile icon at the very bottom of the left side of the page and select the logout option

Graphical user interface, application

Description automatically generated

This will take you to the LDP splash screen.

*Login* as the test user you just created.

A screenshot of a login screen

Description automatically generated with medium confidence

On the channels page take note that though you can see channel information you do not have the buttons to run a compare or refresh like you had before when logged in as the hubowner. Explore the other options from the left navigation bar and confirm that read only is all that is available.

A screenshot of a computer

Description automatically generated with medium confidence

Log out of the UI as the test user and log back in as the hubowner user following the steps above.

**Conclusion**

In this workshop, you learned about setting up alerts that will notify you when there is an issue with your replication. You also learned how to create users and control their access to the LDP UI