Highlights for the new Java version of OpenNode2

The Java version of OpenNode2 has been updated to address several bugs. This required modifications on all pages of the application, so the team decided to upgrade the user interface at the same time. This document highlights the main user interface modifications.

Footer

The footer (located on each page of the application) now displays the NAAS environment the node is connected to, Production ("prod") or Test, as well as a build number and date.

Version: 2.12-2c3eb5 **Built:** 2017-01-05 20:25 **NAAS:** prod

Table Lists

Each table can now be filtered and sorted by column header. Results are paged, and the number of records per page is configurable:

Name	URL	Version
EPA CDX Prod	https://cdxnodengn.epa.gov/ngn-enws20/services/NetworkNode2ServiceConditionalMTOM	2.1
EPA CDX Test	https://testngn.epacdxnode.net/ngn-enws20/services/NetworkNode2Service	2.1
EPA CDX Test MTOM	https://testngn.epacdxnode.net/ngn-enws20/services/NetworkNode2ServiceConditionalMTOM	2.1
Tots Bad Endpoint	http://www.google.com	REST

Showing 1 to 4 of 4 << < 1 > >> 25 Records per page

Test Connections

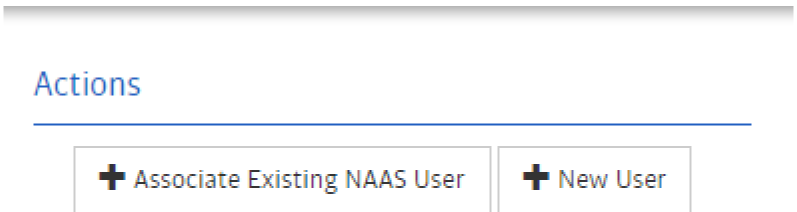
Both Network Partners and Data Sources can be tested directly in the list, avoiding the need to go into the edit screen to test the connection:

The data source "CA_NODE_FLOW@Ora11g-Win" was tested succesfully!

Name	Data Provider	Connection String
CA_NODE_FLOW@Ora11g-Win	Oracle	jdbc:oracle:thin:CA_NODE_FLOW/memorial@ora11g-win.windsor.com:1521:ORA11G
GA, MySQL ICS ICIS	MySQL	jdbc:mysql://mysql-east.windsor.com:3306/ga_ics_flow_icis?user=ganode&password=memorial

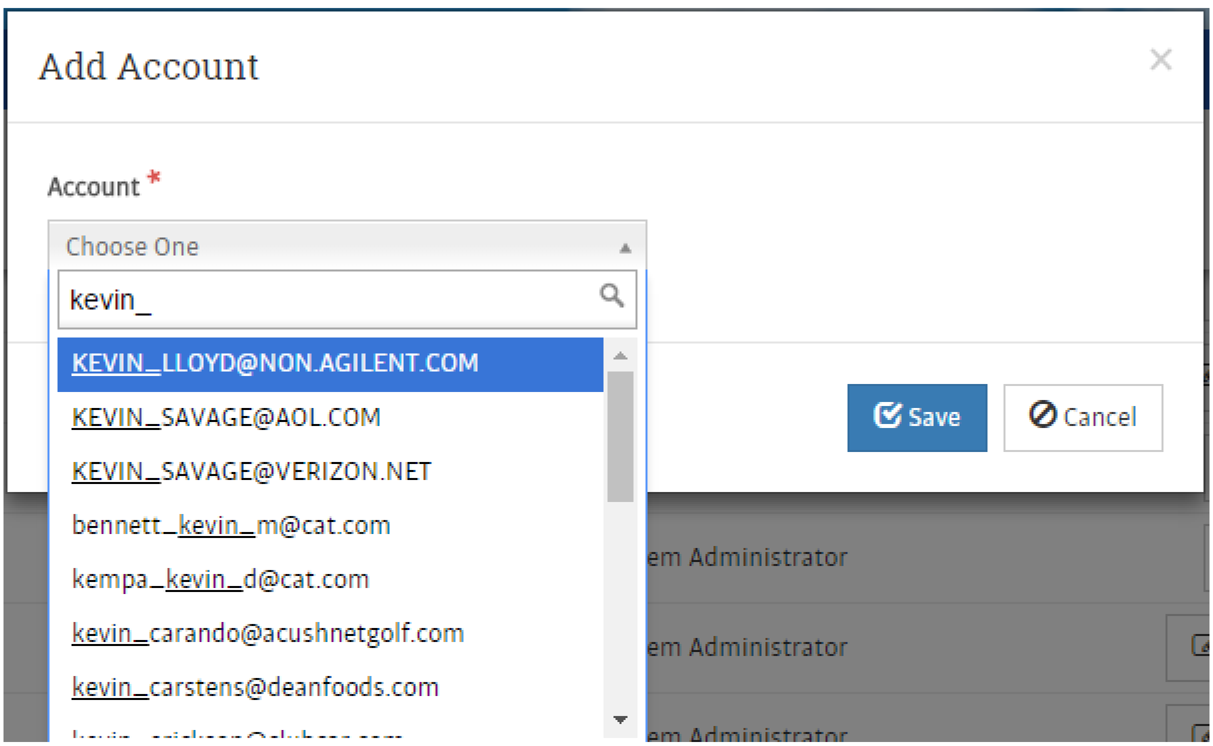
User Security

The new interface reduces confusion (and bugs) when adding a new user to the Node. Two separate actions now exist, one for associating an existing NAAS user to the node, and another for adding a brand new user:



Associate Existing NAAS User

To add an existing user, the administrator types the email address in the account field. This performs a type-ahead search displaying all NAAS accounts not already related to the Node:



New User

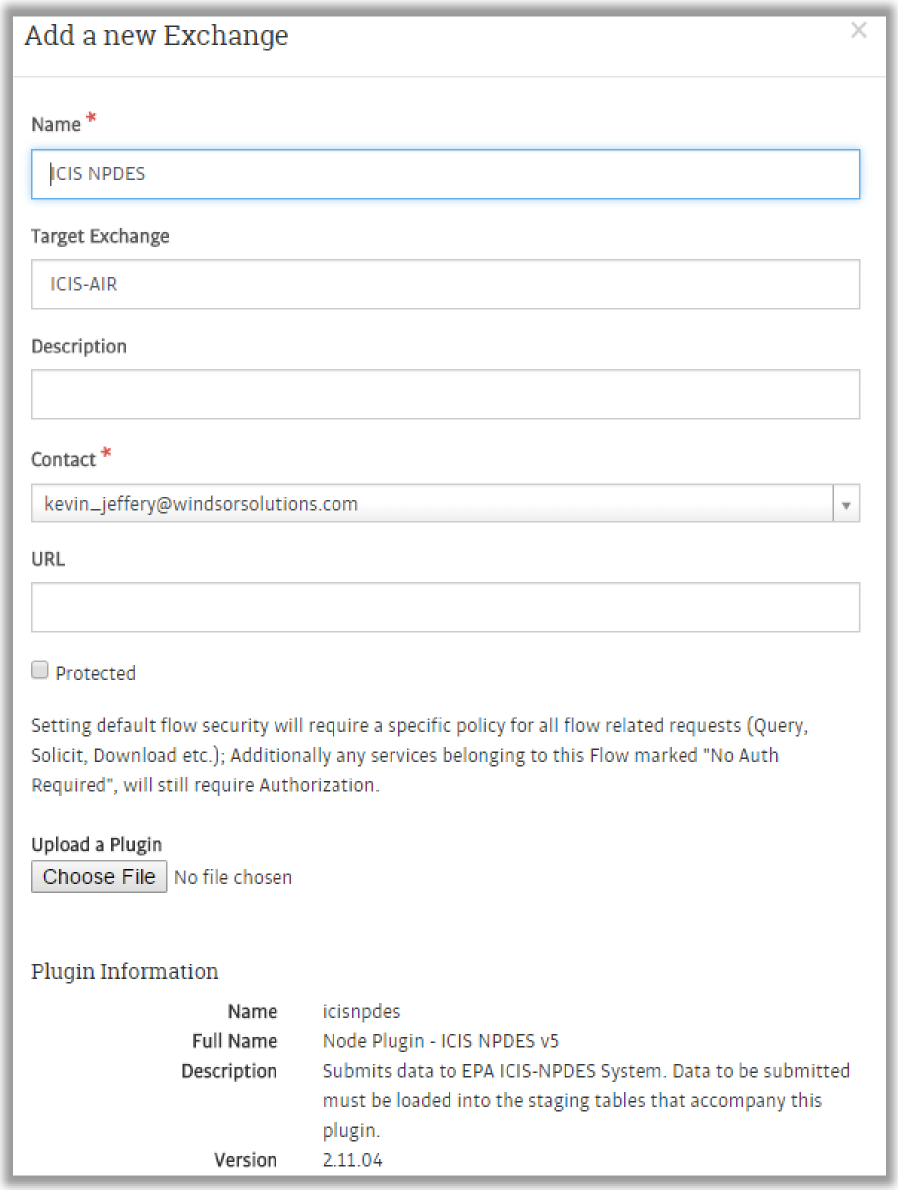
The New User function allows the administrator to create a new NAAS account and local Node account at the same time. The administrator enters the NAAS account name and password. The Node creates the user in NAAS and relates the user to the local Node.

Associate Program Users

Associating program users has been enhanced so that only secured flows appear. In the previous version of the node, securing program users to specific flows was not implemented correctly.

Exchanges

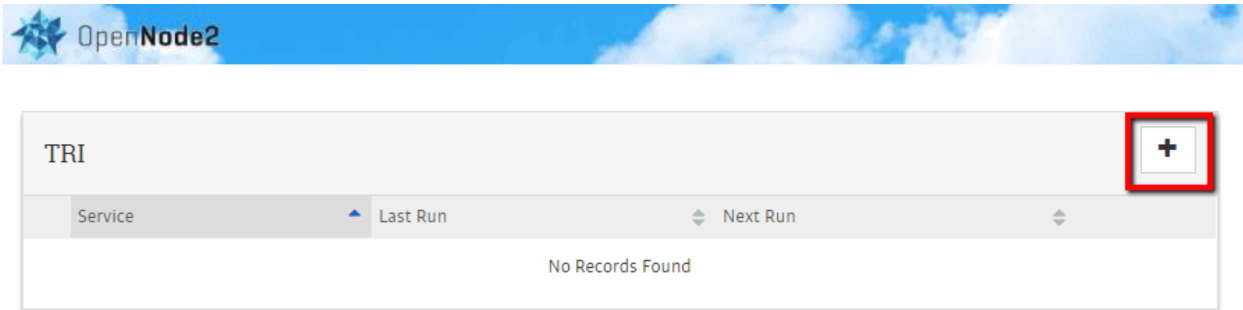
Adding a new exchange is now combined with uploading a plugin, where previously this required separate actions. This also applies to editing an exchange.



Schedule Details

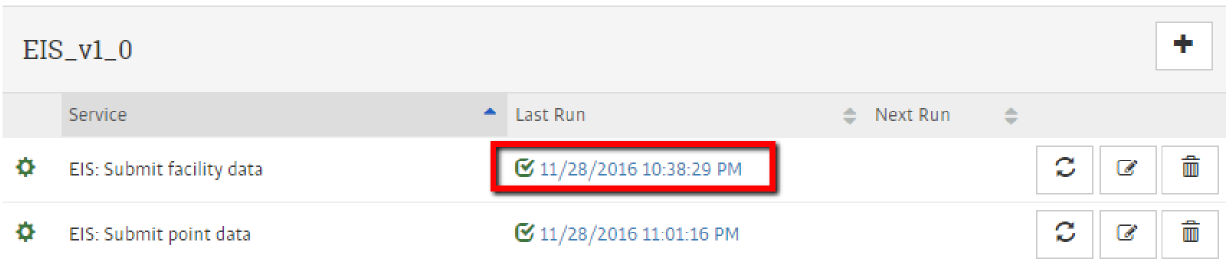
New Schedule

When a new exchange is created, a place holder is automatically created for schedules to be added.

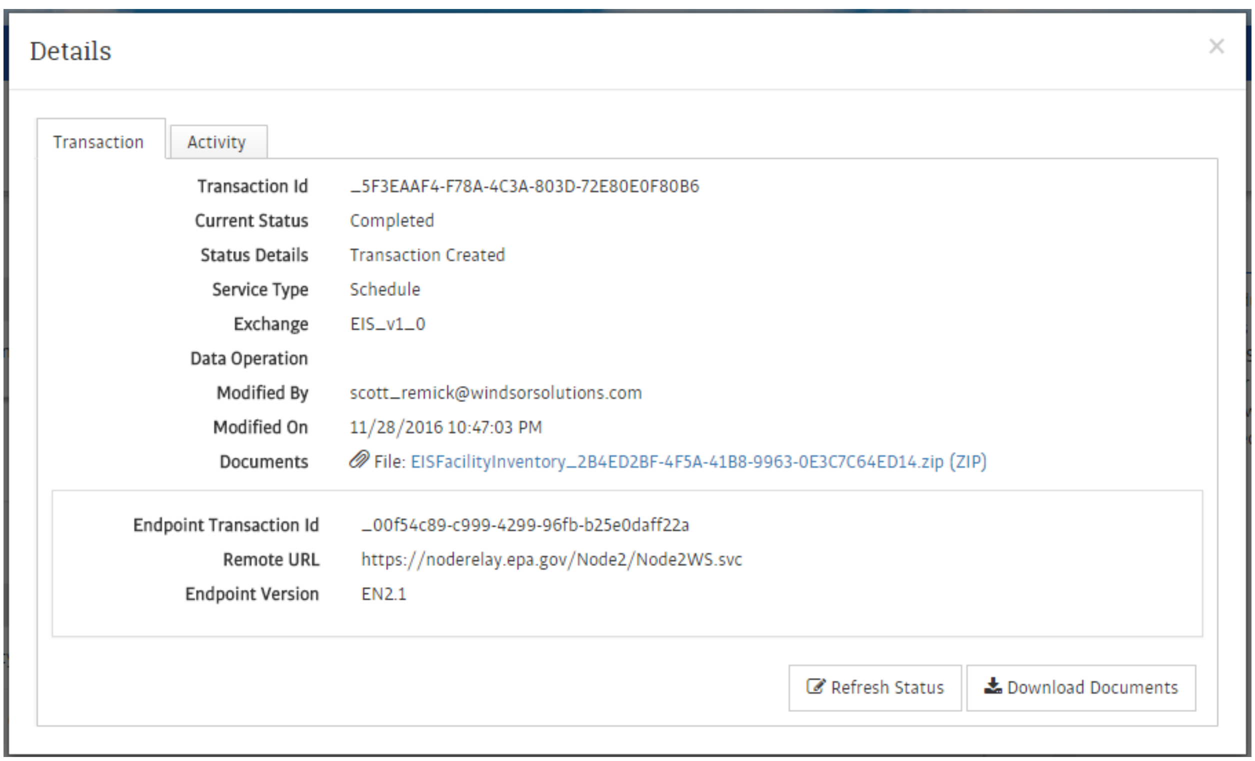


Activity Details/Transaction Details

The activity and transaction details have been combined in a single modal pop-up window. This can be easily accessed by clicking the **Last Run** date.



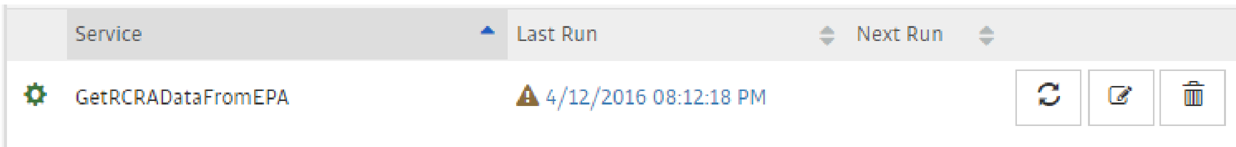
The modal now contains two tabs, one for the transaction and another for the activity log.



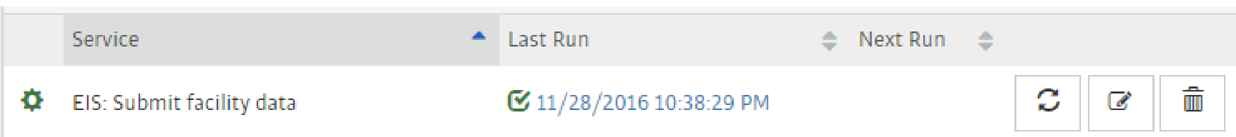
Status

The schedule list now shows a difference between the local node status of the transaction and the status from the endpoint.

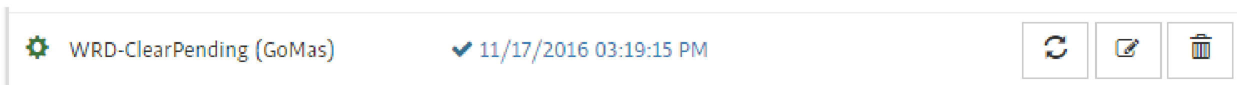
In the following example, the local service completed successfully, but encountered an error at the endpoint (status = failed).



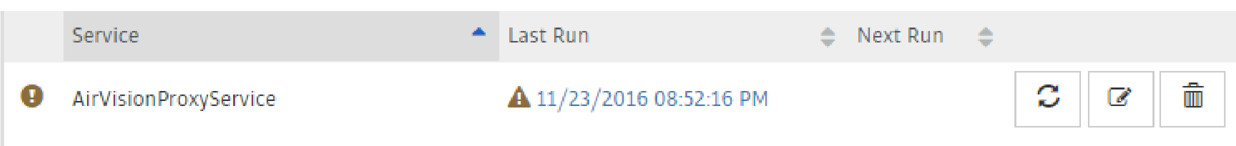
When a status is updated from a remote endpoint, and it was successful, then it will display as a green checkbox (status = complete).



In the following example, there is not endpoint status necessarily. The clear pending service schedule did however complete successfully, so it received blue check (status = processed.



A failure at the local node level, will display with a red examination point.



Scheduler/Calendar

The Scheduler/Calendar area has been completely rebuilt. This addresses several issues with the previous scheduler.

Clicking on the text field for a Start or End date opens a calendar date picker control. Select the date from the calendar. Select the clock icon to specify a time. Click off the calendar to save the date and time value.