

Capstone II Final Project Fall 2023

Nextcloud App: Exploring Integration with Kaseya VSA

Team Members: Julian Arias, Nicholas Lucky Samaroo, Alex Chirinos

Product Owner / Mentor / Professor : Masoud Sanjani

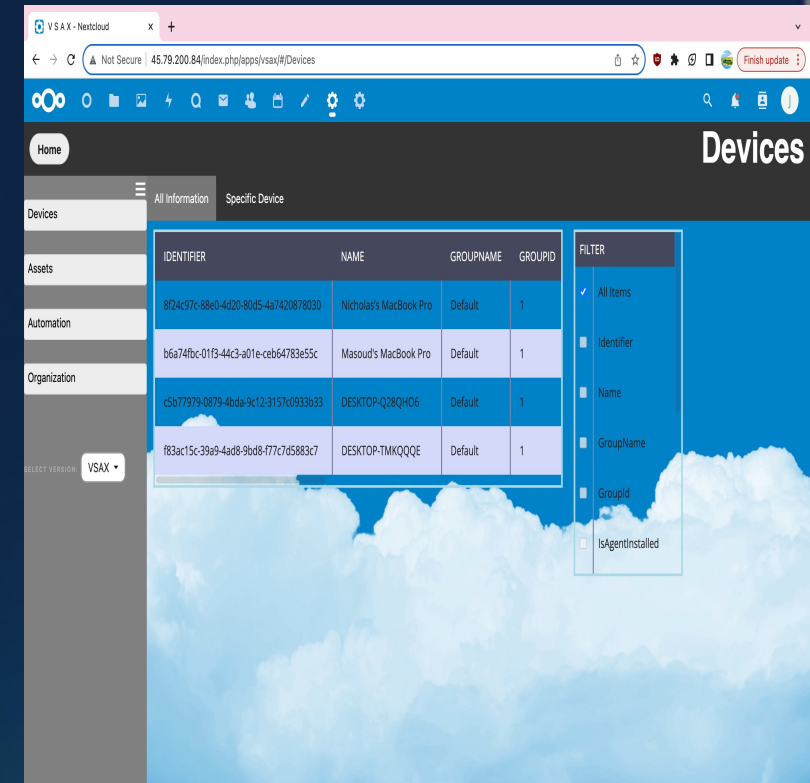
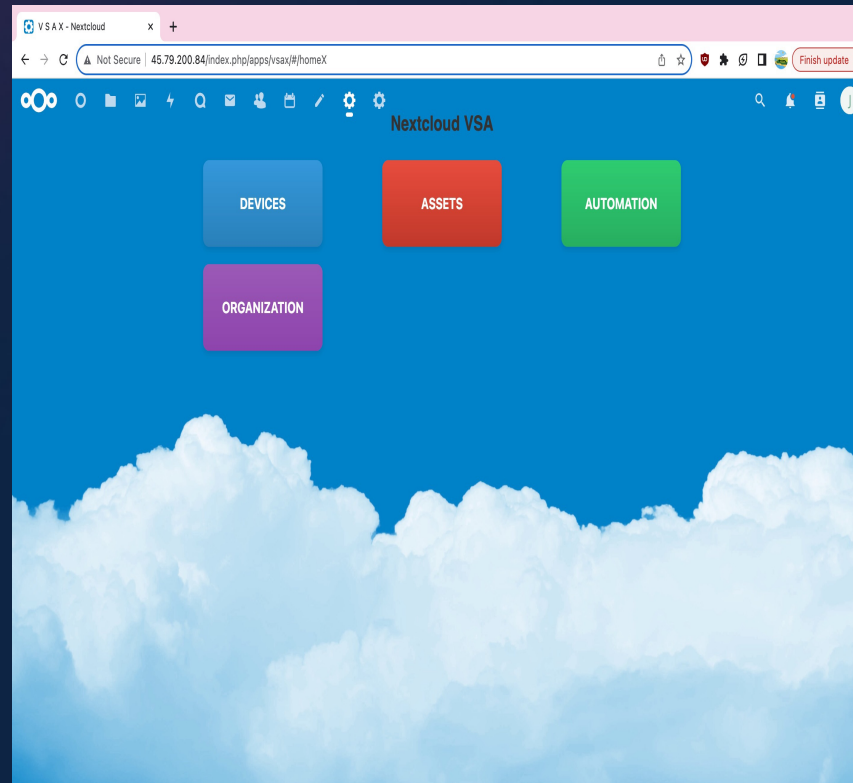
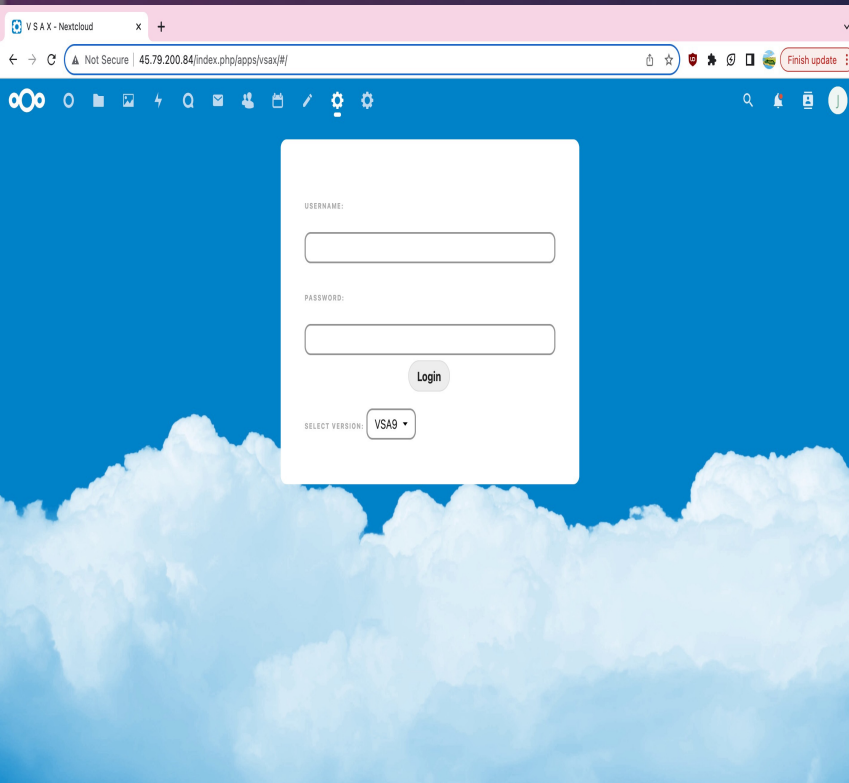
Problem Definition

- ❖ The introduction of Kaseya's new flagship model, VSA X, brought forth challenges in user interface design, leaving much to be desired. Both the previous VSA 9 and the latest VSA X presented intricate user interfaces, posing difficulties for new users. Recognizing this, our customized Kaseya VSA application emerged to tackle this issue head-on, providing IT professionals with a simpler and more interactive method to access their crucial user data.
- ❖ Leveraging the capabilities of Kaseya's Rest API, our solution effectively extracts data from both VSA 9 and VSA X models. This strategic integration empowers us to introduce user-friendly features, including "Agents Information," "Asset Information," and more, offering a streamlined experience for IT professionals navigating complex data landscapes.

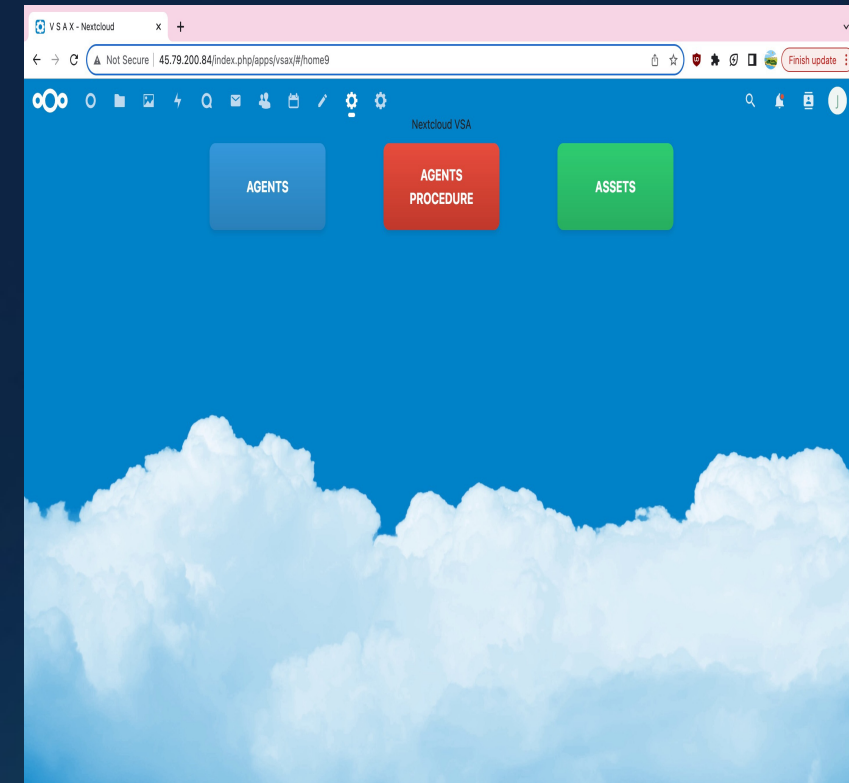
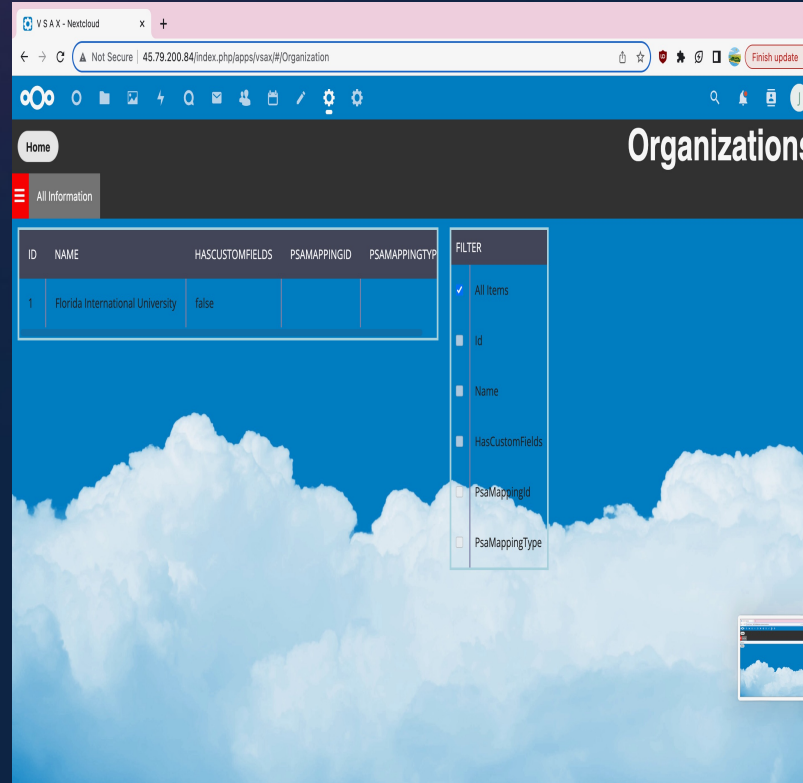
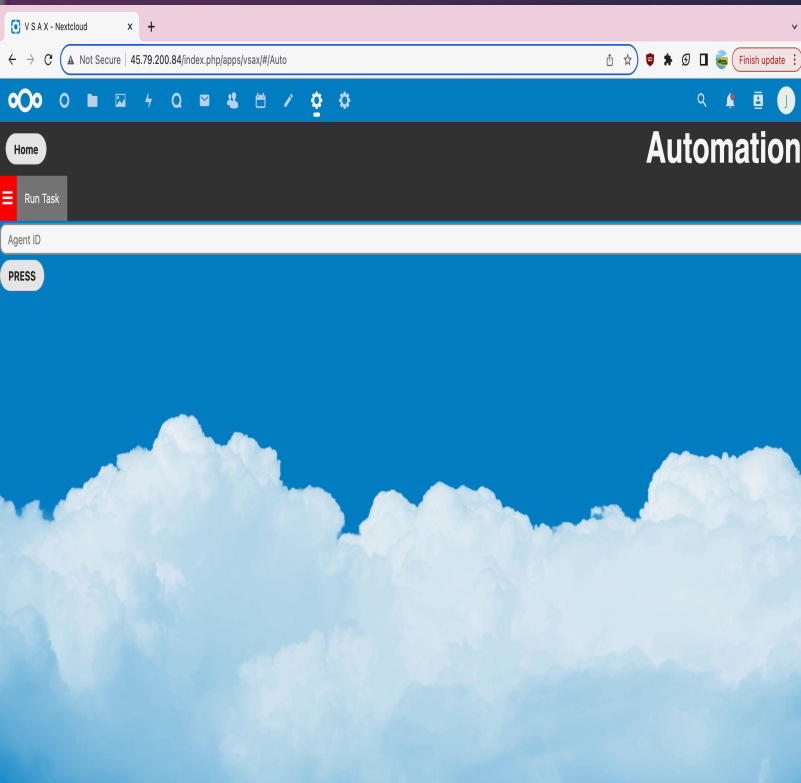
Nextcloud App with Kaseya VSA Functionalities

- ❖ Gain comprehensive insights into the agents operating within the VSA X environment.
- ❖ Easily identify and track individual devices within the system.
- ❖ Access details about the organization to which a particular device belongs.
- ❖ Understand the group associations of devices, providing valuable context for efficient management.
- ❖ Retrieve detailed information about a specific device, streamlining troubleshooting and management tasks.

Screenshots



Screenshots



The screenshot displays the 'Agent Procedure' management interface in the VSA X - Nextcloud application. The interface includes a sidebar with navigation links (Home, Agents, Assets, Agents Procedure) and a main content area. The main area features a table of agent procedures and a filter panel on the right.

AGENTPROCEDUREID	AGENTPROCEDURENAME	PATH
1100	Deploy Live Connect	Shared/Samp
1101	Live Connect endpoint plugin installer	Shared/Samp
1400	1 - Computer Cleanup	Shared/Samp
1401	2 - Server Maintenance	Shared/Samp

The filter panel on the right includes the following options:

- ☒ All Items
- ☐ AgentProcedureId
- ☐ AgentProcedureName
- ☐ Path
- ☐ Description
- ☐ Attributes

Summary

This inaugural release of the Nextcloud App marks the initiation of our exploration into the integration with Kaseya VSA. From the ground up, we crafted a user interface, ensuring simplicity and ease of interaction, all the while intricately weaving Kaseya's Rest API into the fabric of our application. Essentially, creating a customized version of Kaseya's VSA to assist IT professionals in their ease of accessing, managing and altering user data.

If you have any questions please feel free to contact us at

- Julian Arias – jularias@fiu.edu
- Nicholas Lucky Samaroo - nluck003@fiu.edu
- Alexander Chirinos – achir034@fiu.edu