



Stoneware™ Inc.

STI iClassroom

Stoneware, Inc.

Configuration Sheet

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Introduction

This document provides the information necessary to secure and provide single sign-on for iClassroom from STI.

Objectives

- Secure the iClassroom server through a HOST and Web Application object.
- Create a single sign-on form for logging into the iClassroom server.

Requirements

- webNetwork 4.0e

Steps for creating a iClassroom Web Application and Host

1. Login to the webNetwork as a webNetwork administrator
2. Start webAdmin
3. Browse and EXPAND the Stoneware container (organizational unit)
4. Create a HOST object
 - a. Select the CREATE a NEW OBJECT panel from the left frame
 - b. Select HOST from the list of objects
 - c. Select the NEXT button
 - d. Enter an object name for the inbox (i.e. – iClassroom Server)
 - e. Select the NEXT button (object is created)
 - f. Select the CLOSE button
5. Enter the HOST object properties
 - a. Enter the HOST address (enter the **IP address** of the iClassroom server on the internal network).

- b. Enter the HOST port (enter port that the iClassroom Server is using to communicate – **80** or 443).
6. Select the SAVE button
7. Create a Web Application for the iClassroom Server
 - a. Select the CREATE a NEW OBJECT panel from the left frame
 - b. Select WEB APPLICATION from the list of objects
 - c. Select the NEXT button
 - d. Enter an object name for the iClassroom application (i.e. – **iClassroom**)
 - e. Select the NEXT button (object is created)
 - f. Select the CLOSE button
8. Enter the Web Application PROPERTIES
 - a. Web Application Type – **HTTP/HTTPS Virtual Server**
 - b. DNS Name – provide a DNS name for the web application (i.e. - **iclassroom.stone-ware.com**)
 - i. **** This DNS name should resolve to the IP address of the webNetwork Relay. This DNS name should not be in use by another server. iClassroom clients will see the Relay as the iClassroom server.*
 - ii. **** If you have multiple iClassroom servers you will need a unique DNS name for each iClassroom server (i.e. – hsiclassroom.stone-ware.com , jhsiclassroom.stone-ware.com , elemiclassroom.stone-ware.com)*
 - c. Assigned HOSTS –Browse and select the *iClassroom Server* **HOST** object created in the earlier steps (i.e. – iClassroom Server)
 - d. Assigned Relays – browse and select the webNetwork Relay or Relays that should provide access to the iClassroom application.
 - e. Startup URL – enter the URL to launch the iClassroom login page (i.e. - **/iclassroom**)
9. Select the NEXT button to SAVE changes and move to the OPTIONS page
10. Select the NEXT button to skip the OPTIONS screen.
11. Select the NEXT button to skip the AUTHENTICATION screen
12. Select the NEXT button to skip the RULES ENGINE screen
13. Enter the Information to create an ACCESS CONTROL LINK for iClassroom
 - a. Enter a LINK name (i.e. – **STI iClassroom**)
 - b. Check the NEW WINDOWS box
 - c. Press the SELECT button next to LINK MENU box to designate a menu in which to create the new link – Select OK when finished.

- d. Press the SELECT button next to the ASSIGN USERS box to designate the webNetwork users that will have access to the iClassroom application.
14. Select the DONE button to complete the wizard
15. Wait 1 minute for the iClassroom Web Application to load
16. Test the new iClassroom application
 - a. Login as a user that has been granted access to the iClassroom application
 - b. Select the Workplace link located under the selected menu.
 - c. Verify that the iClassroom login page appears in the new window.

Steps for Single Sign-on

A single sign-on form can be created to automate the iClassroom authentication process. This section of the document will step through the process of creating a single sign-on FORM for iClassroom.

1. Login to the webNetwork as a webNetwork administrator
2. Start webAdmin
3. Browse and EXPAND the webNetwork Default Relay configuration object or any of your Relay Configuration objects.
4. Create a FORM object
 - a. Select the CREATE a NEW OBJECT panel from the left frame
 - b. Select FORM from the list of objects
 - c. Select the NEXT button
 - d. Enter an object name for the inbox (i.e. – **iClassroomForm**)
 - e. Select the NEXT button (object is created)
 - f. Select the CLOSE button
5. Enter the form PROPERTIES
 - a. Form Name - **LoginForm**
 - b. Form URL - **/iClassroom/login.aspx**
 - c. Form ACTION - **/iClassroom/login.aspx**
 - d. Form METHOD – **POST**
 - e. Form INPUTS

i. **IblUserID** = @@typelessuserid@@

ii. **IblPassword** = @@password@@

1. You can pass other Lockbox or Stoneware variables to the Workplace system if the user's login credentials do not match their Workplace credentials (see Lockbox or Stoneware Variables)
6. Select the SAVE button to update the new form
 7. Browse and Select the iClassroom Web Application object
 8. Select the AUTHENTICATION panel from the dropdown panel list at the top of the right frame in webAdmin.
 9. Select the ADD button next to the FORM section of the page.
 10. Browse and select the form object created in the steps above.
 11. Select the OK button once you have found the form.
 12. Select the SAVE button to update the iClassroom Web Application.
 13. Wait for the webNetwork Relay to reload the form changes (1 min).
 14. Test the new Workplace application
 - a. Login as a user that has been granted access to the iClassroom application
 - b. Select the STI iClassroomo link located under the selected menu.
 - c. Verify that the iClassroom login page appears in the new window and the user has been signed on.