



Stoneware™ Inc.

Microsoft OWA

Stoneware, Inc.

Configuration Sheet

Date: March 2005

Introduction

This document provides the information necessary to secure and provide single sign-on for Outlook Web Access (OWA) from Microsoft.

Objectives

- Secure the Outlook Web Access (OWA) server through a HOST and Web Application object.
- Create a single sign-on form for logging into the Outlook Web Access server.

Requirements

- webNetwork 4.0e with HotFix2e installed
- OWA server is running BASIC Authentication (single sign-on)

Steps for creating a OWA (Outlook Web Access) Web Application and Host

1. Login to the webNetwork as a webNetwork administrator
2. Start webAdmin
3. BroOWA 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. – OWA 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 Outlook Web Access server on the internal network).
 - b. Enter the HOST port (enter port that the OWA Server is using to communicate – **80** or **443**)
6. Select the SAVE button
7. Create a Web Application for the OWA 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 Outlook Web Access application (i.e. – **OWA**)
 - 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 – **owa.stone-ware.com**
 - i. ***** This DNS name should resolve to the IP address of the webNetwork Relay. Outlook clients will see the Relay as the OWA server.**
 - c. Assigned HOSTS –Browse and select the OWA **HOST** object created in the earlier steps (i.e. – Outlook Web Access server)
 - d. Assigned Relays – browse and select the webNetwork Relay or Relays that should provide access to the OWA application.
 - e. Startup URL – enter the URL to launch the Outlook Web Access login page (i.e. - **/exchange**)
9. Select the NEXT button
10. Enter the HTTPS custom parameters if you are running SSL on the webNetwork Relay and the OWA server is running non-secure.
 - a. Enter an HTTP / HTTPS Header by selecting the MODIFY button and adding **Front-End-HTTPS** as a name and **ON** as a value.

Front-End-HTTPS = on
 - b. Select OK to update the HEADERS parameter
11. Select the NEXT button to SAVE and continue to the Authentication screen.
12. Select the NEXT button to skip the AUTHENTICATION screen
13. Select the NEXT button to skip the RULES ENGINE screen

14. Enter the Information to create a Outlook Web Access LINK for end users
 - a. Enter a LINK name (i.e. – **Outlook**)
 - 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 OWA application.
15. Select the DONE button to complete the wizard
16. Wait 1 minute for the OWA Web Application to load
17. Test the new Outlook Web Access application
 - a. Login as a user that has been granted access to the OWA application
 - b. Select the Workplace link located under the selected menu.
 - c. Verify that the Outlook Web Access login page appears in the new window.

Steps for Single Sign-on

By default the webNetwork Relay will attempt to authenticate the webNetwork user to the OWA server via BASIC authentication. During the BASIC authentication process the webNetwork Relay will pass the users' login ID and password to the OWA server. However, the OWA server may require different credentials and the webNetwork administrator may need to configure the background authentication process.

1. Login to the webNetwork as a webNetwork administrator
2. Start webAdmin
3. Browse and EXPAND the context that contains the webNetwork objects and the OWA web application.
4. Select the OWA web application object
5. Select the AUTHENTICATION dropdown panel from the top right-hand frame
6. Modify the BASIC AUTHENTICATION parameters
 - a. Select the SPECIFIED radio button
 - b. Select the MODIFY button
 - c. Enter the Stoneware or Lockbox variables that should be passed to the OWA login screen.

- i. Example – Username = DOMAIN\@ @typelessuserid@ @
 - ii. Example – Username = @ @attr:saMAccountName@ @
 - iii. Example – Username = @ @enc:ExchangeUserID@ @
 - iv. Example – Password = @ @password@ @
 - v. Example – Password = @ @enc:ExchangePassword@ @
 - vi. See Lockbox and Stoneware Variables for more information**
 - d. Select the OK button
 - e. Select the SAVE button to update the web application
- 7. Wait for the webNetwork Relay to reload the form changes (1 min).
- 8. Test the new Workplace application
 - a. Login as a user that has been granted access to the Outlook Web Access application
 - b. Select the Workplace link located under the selected menu.
 - c. Verify that the Outlook Web Access login page appears in the new window and the user has been signed on automatically.