



NetScaler with Unified Gateway

Configuring Box

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Preface

This section provides an overview about the information included in this guide.

Intended Audience

The information in this guide is intended for the System Administrators.

Document Conventions

The following table lists various conventions used in this guide.

Table 1: Document conventions used in this guide

Convention	Description
Bold	Used for names of interface elements (such as names of fields, panes, windows, menus, buttons, dialog boxes) and what the user specifically selects, clicks, presses, or types.
Note	Used to highlight information that is important.

Overview

The Citrix NetScaler application delivery controller (ADC) helps to load balance, accelerate, optimize, and secure enterprise applications.

Box can be integrated with Identity Provider (IdP) for user authentication. This enable the users to sign in to Box using the same Single Sign On (SSO).

Terminology

An Identity Provider (IdP) provides authentication module to verify users with their corporate network. A Service Provider (SP) supports receiving SSO SAML assertions.

The following table lists various terms that are used alternatively for completing configurations for service providers and identity providers.

Table 2: Terminology used for SP and IdP configurations

Service Provider (SP)	Identity Provider (IdP)
Identity Provider Issuer	Issuer Name
SP Entity ID	Service Provider ID
SP Assertion Consumer Service URL	Assertion Consumer Service URL

Configuring Box for Single Sign-On

Box has SP/IdP initiated flow, which is supported in NetScaler (12.1.).

Before you start, you need the following:

- Admin account for Box
- Customer instance

For example, if your deployment url https://<customer_domain>.app.box.com/login, your customer instance is <customer domain>.

This is required for App Catalog creation in NetScaler.

- Admin account for NetScaler

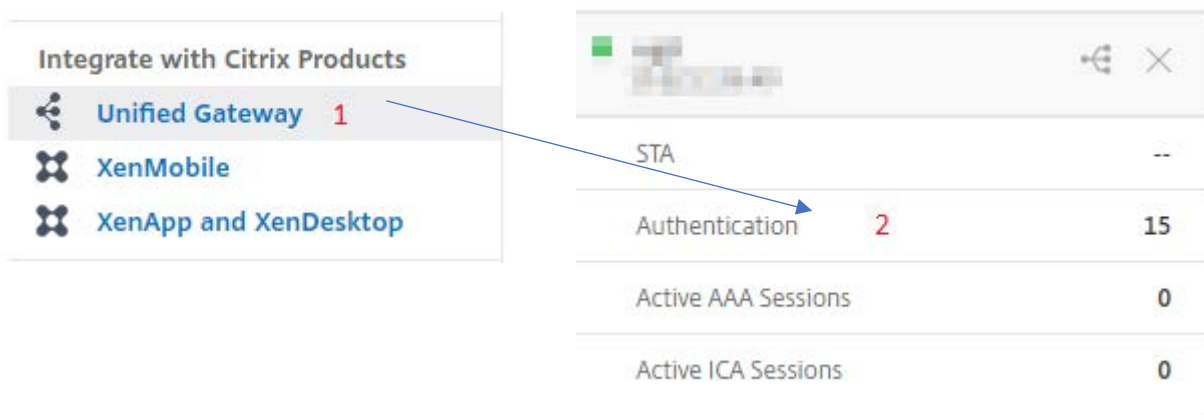
Box Configuration

The Box configuration steps are as follows:

1. Configure Box with the App Catalog.
2. Export Box IdP metadata from NetScaler.
3. Configure IdP into Box.



Step 1: Configure Box with App Catalog

1. Click on **Unified Gateway > Authentication**.



The **Unified Gateway Configuration** screen appears.



- Go to **Applications** section. Click on  icon. Now, you can see  icon. Click on it. The **Application** window appears.

Application

Choose Type*

Web Application
Select to provide access to Enterprise applications.

SaaS
Select to provide access to SaaS applications.

XenApp & XenDesktop
Select to provide access to hosted virtual resources.

- Select **SaaS** from the Application type.
- Select **Box** from the drop-down list.

Choose from Catalog*

Box


- 15five
- BambooHR
- Bluejeans
- Bonusly
- Box**
- Cedexis
- Deskpro
- Evernote
- Expensify
- Freshdesk
- Freshservice
- G Suite
- Humanity
- Mango Apps
- Marketo
- Mingle
- Office365
- Salesforce
- Samanage
- Sumo Logic

- Fill the application template with the appropriate values.

Name

Comments

Icon URL*



Service Provider Login URL* **1**

Service Provider ID* **2**

Assertion Consumer Service Url*

IDP Certificate Name* **3**

Issuer Name **4**

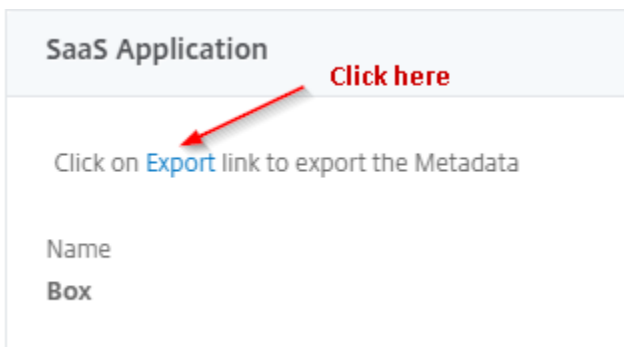
- You must update the fields in NetScaler with the following values:

Field Name	Values
URL	<a href="https://<customer_domain>.app.box.com/login">https://<customer_domain>.app.box.com/login
Service Provider ID	box.net
Signing Certificate Name	IdP certificate needs to be selected
Issuer Name	Issuer name can be filled as per your choice

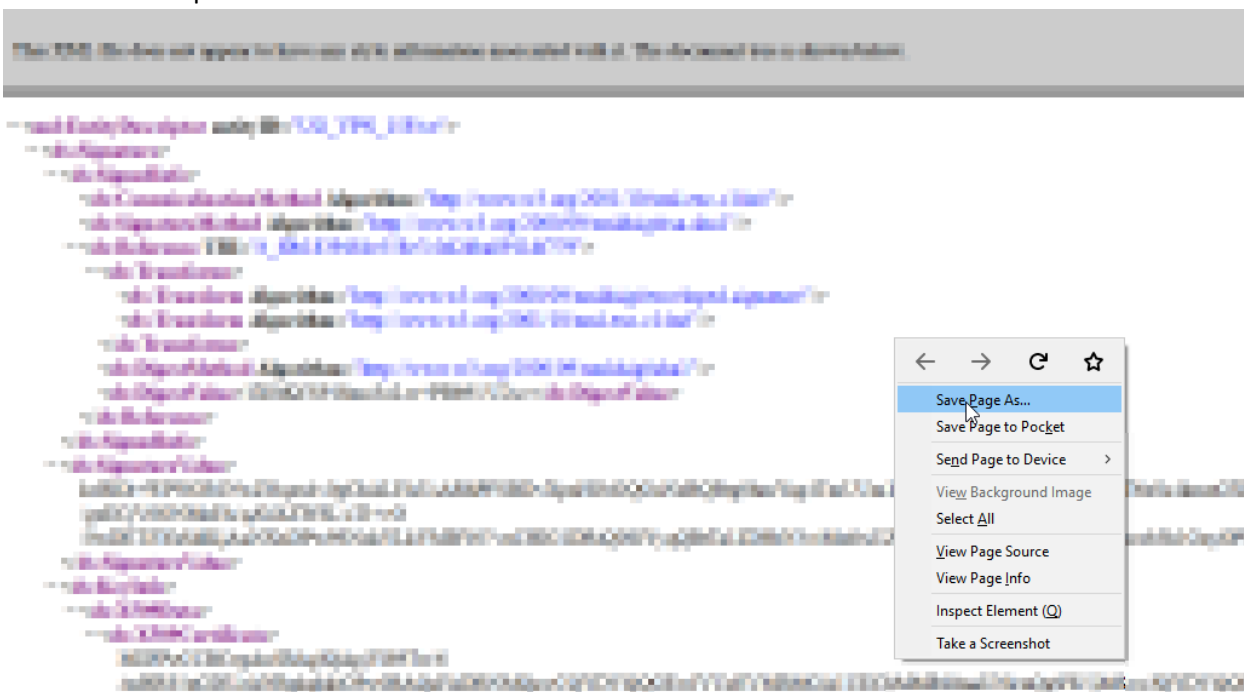
- In place of <customer domain>, enter your company name (See **Introduction** to know more about the <customer domain> value.)
- After providing the required values, click **Continue**. Click **Done**.

Step 2: Export Box IdP metadata from NetScaler.

1. Click on **Unified Gateway > Authentication**.
2. Scroll down and click on **Mingle** template. The **SaaS Application** window appears. Click on **Export** link.



3. **Metadata** will open in a different window. Save the **IdP Metadata** file.



Step 3: Configure IdP into Box

← **Sign In to Your Account**
Signing in as [redacted] [Not you?](#)

Password

Log In

1. Login to Box as an Admin user.
2. Upload IdP metadata into Box environment.