appNG Authentication

Build Version 1.11.2-SNAPSHOT created 2017-11-03

Table of Contents

1. Purpose

appNG Authentication offers several login-mechanisms for appNG users.

2. Configuration

name	type	description	default
successPage	text	The path the user is forwarded to after successfull login	/appng-manager
digestMaxValidity	int	the maximum validity of a login digest in minutes	3
mailFrom	text	the sender address for emails send during passwort retrieval	support@aiticon.de
enableDeeplinks	boolean	set to true to forward the user to the originally requested page	true

3. Login Mechanisms

3.1. Form based Login

This is the default login mechanism requiring a username and a password. Both are managed in the appNG manager application.

3.2. Digest Login

The digest login offers a digest based authentication.

External applications that do know about a the shared secret can use this to generate a parameterized URL that automatically signs in the user. Therefore a digest of the following form is needed: {user}|{yyyyMMddHHmmss}|{utc-offset}|{hash}.

Example: admin|20160114120555|+01:00|1D87C8A5E738BD3015AC57F2D9B862A5

The {hash} is a MD5 hash of {user}|{timestamp}|{utc-offset}|{shared-secret}, where {shared-secret} comes from the **platform property** sharedSecret.

To enable digest-login, you have to set the following **site properties**:

- authApplication = `appng-authentication`

- authLoginPage = `digestlogin`

- authLoginRef = `login`

A valid digest login URL looks like

http://www.yourdomain.com/manager?digest=johndoe|20160114121044|%2B01%3A00|1D87C8A5E738BD3015AC57F2D9B862A5

You can also parameterize a deep-link with the `digest` parameter: http://localhost:8080/manager/site/application/page/action/1?digest=johndoe|20160114121044|%2B01%3A00|1D87C8A5E738BD3015AC57F2D9B862A5

Note that the digest parameter needs to be URL encoded.

> If `digestlogin` is not the first entry listed in `authLoginPage`, you need the directly address the digest login like this:
>
> http://localhost:8080/manager/site/appng-authentication/digestlogin?digest=johndoe|20160114121044|%2B01%3A00|1D87C8A5E738BD3015AC57F2D9B862A5 **Also note that it's not possible to do a deep link to another application**

3.3. NTLM Login

This login method uses Microsoft NTLM to sign in a user with it's windows domain account. It requires the WAFFLE Authentication Framework to be installed and configured properly. Note that both the appNG server and also the client machines must be running under Microsoft Windows.