



appNG Authentication

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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 password 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 to 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 its 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.