FAQ Maxwell - HTTP Digest

Introduction

To ensure that a device is right device that is allowed to download the provisioning file, the access to the (HTTP(S))provisioning server can be protected using HTTP Digest.

A username and password can be used to confirm the identity of a user before sending sensitive information.

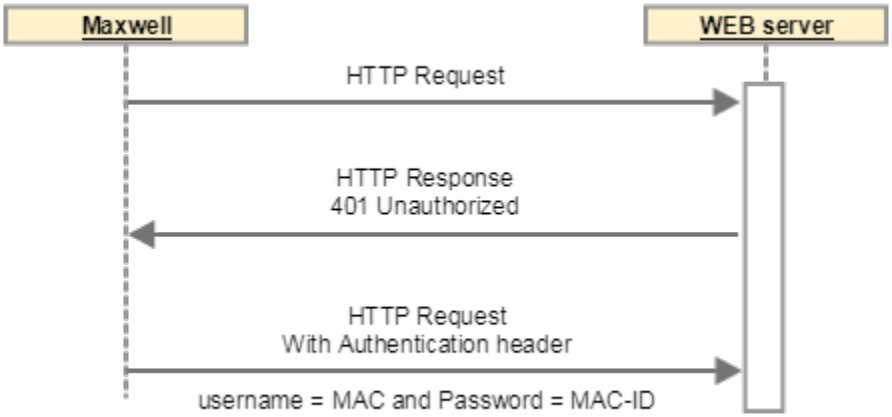
Valid for Maxwell			
Basic	2	3	4

1. Normal HTTP Digest Authentication Scheme

1. The Maxwell sends the server a request to download the provisioning template.
2. The WEB-server receives the request and requires an authentication. The WEB-server checks if the authentication information is in the request. Because this is the first request, there is no authentication information available. The WEB-server responds returning an 401 Unauthorized.
3. The client receives the WEB-server challenge and gathers the required credentials. A new request is sent containing the username and hashed secret key.

   Username = Maxwell MAC address (12 Digits)
   Password = Maxwell MAC-ID (12 Digits)

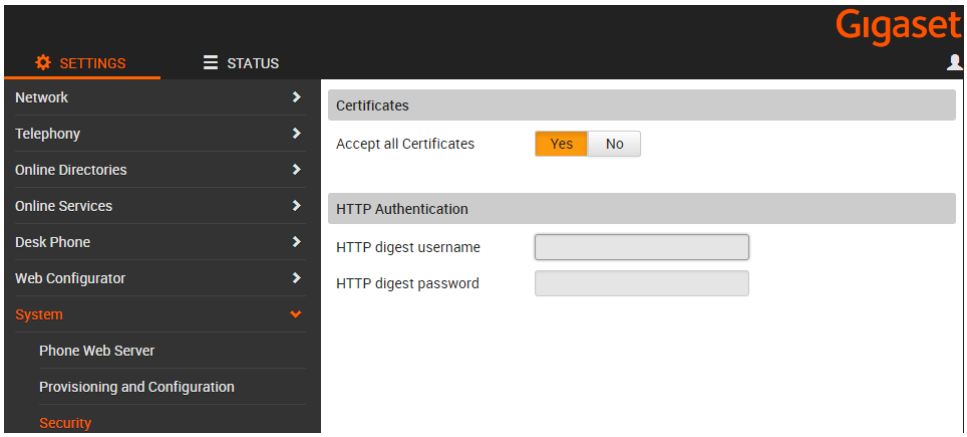
   The MAC-ID can be collected when you register the device to the Gigaset Re-direct server.
4. When username and password are correct, the provisioning template is downloaded.

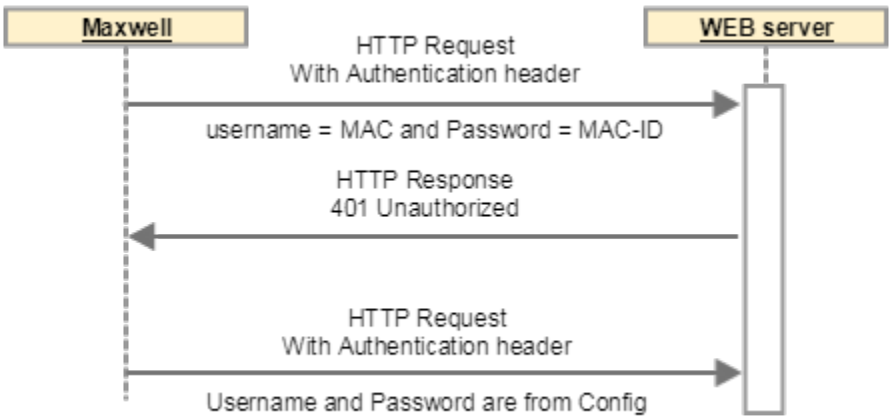


2. First Authentication fails

1. The client receives the WEB-server challenge and gathers the required credentials. A new request is sent containing the username (MAC address) and hashed secret key (MAC-ID).
2. The WEB-server receives the request and requires an authentication. The WEB-server checks if the authentication information is in the request. The wrong authentication information is available. The WEB-server responds returning an 401 Unauthorized.
3. The client receives the WEB-server challenge and gathers the required credentials coming from the device configuration. A new request is sent containing the username and hashed secret key.

   Username = **Settings - System - Security - HTTP digest username**
   Password = **Settings - System - Security - HTTP digest password**

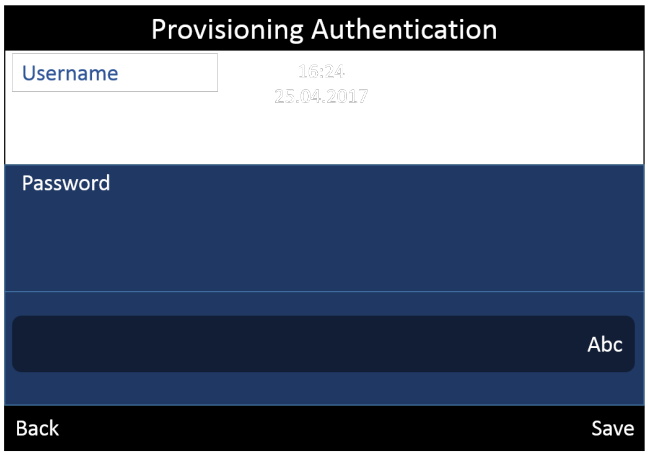




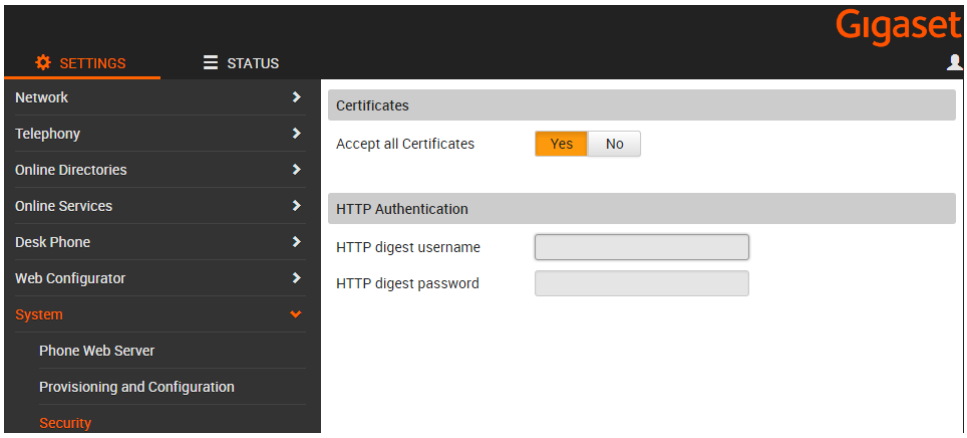
3. Second Authentication fails

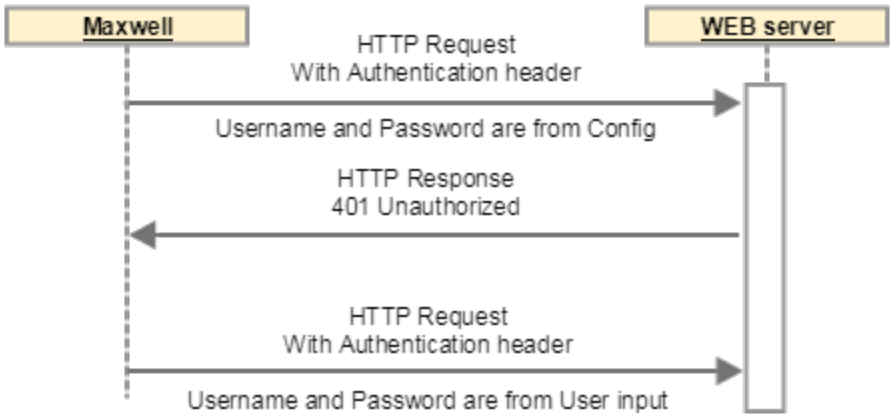
This functionality is available from Software 2.18.3 or higher.

1. The client receives the WEB-server challenge and gathers the required credentials coming from the device configuration. A new request is sent containing the username and hashed secret key.
2. The WEB-server receives the request and requires an authentication. The WEB-server checks if the authentication information is in the request. The wrong authentication information is available. The WEB-server responds returning an 401 Unauthorized.
3. On the Maxwell display, the user can add the Username and Password Manually.



If you press "**No**" key then menu will be gone after 60 seconds.
If you press "**Any**" key then 60 seconds timer will be set to 0 again, 60 seconds after pressing the last key, the menu will be gone.
To start provisioning using these credentials, you need to press the "**Save**" key.
You can try 3 times, will still fails, the menu will be gone. You need to reboot or press provisioning in web-interface to get menu again.
If the entry is correct, the username and password is stored in the web-interface:





Provisioning

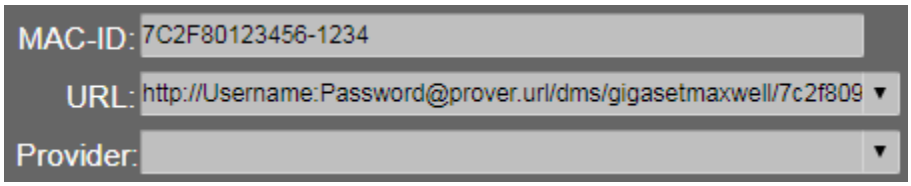
The following provisioning Parameters are available, these values are used in step 3.

Web-interface: Settings - System - Security	
System.Security.HTTPAuthUsername	HTTP Digest username
System.Security.HTTPAuthPassword	HTTP Digest password

Redirect server

From software 2.25, it is possible to enter the HTTP Digest username and Password via the redirect server.

http://<HTTP digest username>:<HTTP digest password>@<provisioning URL>



Broadsoft

When connected to Broadsoft, the HTTP Digest username and password in the Broadsoft web-interface can be found:

Go to: **Users - Profile - Addresses - Configure Identify/Device Profile - Authentication**