

# KB 150184

## Challenge/Response SOAP Authentication with a challenge that is not generated by the IDENTIKEY Authentication Server.

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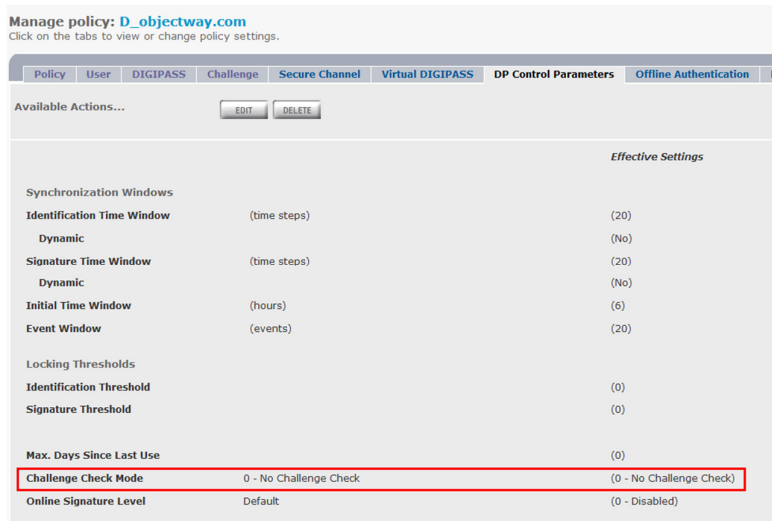
### Summary

This KB explains how to make a Challenge Response (C/R) SOAP call working when the Challenge is not generated by the IDENTIKEY Authentication Server (IAS).

### Details.

To make this work there are two parameters that need to change in the policy.

1. Challenge Check mode in the DIGIPASS Control Parameters.



Manage policy: [D\\_objectway.com](#)  
Click on the tabs to view or change policy settings.

Policy User DIGIPASS Challenge Secure Channel Virtual DIGIPASS DP Control Parameters Offline Authentication Pa

Available Actions...

Effective Settings		
Synchronization Windows		
Identification Time Window	(time steps)	(20)
Dynamic		(No)
Signature Time Window	(time steps)	(20)
Dynamic		(No)
Initial Time Window	(hours)	(6)
Event Window	(events)	(20)
Locking Thresholds		
Identification Threshold		(0)
Signature Threshold		(0)
Max. Days Since Last Use		(0)
Challenge Check Mode	0 - No Challenge Check	(0 - No Challenge Check)
Online Signature Level	Default	(0 - Disabled)

This will prevent that IAS will verify the challenge against generated challenges.

2. 1-Step Challenge/Response Permitted type

Manage policy: [D\\_objectway.com](#)  
Click on the tabs to view or change policy settings.

Policy User DIGIPASS Challenge Secure Channel Virtual DIGIPASS DP Control Parameters Offline Authentication Password Randomizati

Available Actions...

*Effective Settings*

1-Step Challenge/Response		
Permitted	Yes - Any Challenge	(Yes - Any Challenge)
Challenge Length		(0)
Add Check Digit	Default	(No)
2-Step Challenge/Response		
Request Method	Default	(Keyword)
Request Keyword		()

This setting will allow that there is a C/R SOAP call without a challenge request SOAP call and that the challenge is not generated by IAS.

Below is an example of a C/R Soap call:

```
<soapenv:Envelope
xmlns:soapenv=http://schemas.xmlsoap.org/soap/envelope/
xmlns:xsd=http://www.w3.org/2001/XMLSchema
xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
xmlns:aut="http://www.vasco.com/IdentikeyServer/IdentikeyTypes/Authentication">
  <soapenv:Header/>
  <soapenv:Body>
    <aut:authUser>
      <credentialAttributeSet>
        <attributes>
          <value xsi:type="xsd:string">SOAP_AUTH</value>
          <attributeID>CREDFLD_COMPONENT_TYPE</attributeID>
        </attributes>
        <attributes>
          <value xsi:type="xsd:string">user001</value>
          <attributeID>CREDFLD_USERID</attributeID>
        </attributes>
        <attributes>
          <value xsi:type="xsd:string">vdsi.local</value>
          <attributeID>CREDFLD_DOMAIN</attributeID>
        </attributes>
        <attributes>
          <value xsi:type="xsd:string">1234</value>
          <attributeID>CREDFLD_CHALLENGE</attributeID>
        </attributes>
        <attributes>
          <value xsi:type="xsd:string">2824764</value>
          <attributeID>CREDFLD_PASSWORD</attributeID>
        </attributes>
        <attributes>
          <value xsi:type="xsd:unsignedInt">0</value>
          <attributeID>CREDFLD_PASSWORD_FORMAT</attributeID>
        </attributes>
      </credentialAttributeSet>
    </aut:authUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Here is an example of a succeeded C/R response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap... Signature">
<SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <AUTH-TYPES:authUserResponse>
      <authUserResults xsi:type="AUTH-TYPES:AuthUserResults">
        <results xsi:type="CREDENTIAL-TYPES:CredentialResults">
          <resultCodes xsi:type="BASIC-TYPES:ResultCodes">
            <returnCodeEnum>RET_SUCCESS</returnCodeEnum>
            <statusCodeEnum>STAT_SUCCESS</statusCodeEnum>
            <returnCode>0</returnCode>
            <statusCode>0</statusCode>
          </resultCodes>
          <resultAttribute xsi:type="CREDENTIAL-
TYPES:CredentialAttributeSet">
            <attributes xsi:type="CREDENTIAL-TYPES:CredentialAttribute">
              <value xsi:type="xsd:string">user001</value>
              <attributeID>CREDFLD_USERID</attributeID>
            </attributes>
            <attributes xsi:type="CREDENTIAL-TYPES:CredentialAttribute">
              <value xsi:type="xsd:string">vdsi.local</value>
              <attributeID>CREDFLD_DOMAIN</attributeID>
            </attributes>
            <attributes xsi:type="CREDENTIAL-TYPES:CredentialAttribute">
              <attributeOptions xsi:type="BASIC-TYPES:AttributeOptions">
                <masked>true</masked>
              </attributeOptions>
              <value xsi:type="xsd:boolean">true</value>
              <attributeID>CREDFLD_NOTIFY_TOKEN_IS_ASSIGNED</attributeID>
            </attributes>
          </resultAttribute>
          <errorStack xsi:type="BASIC-TYPES:ErrorStack"/>
        </results>
      </authUserResults>
    </AUTH-TYPES:authUserResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```