

## Information

**Description** Authentication between web clients and QlikView Webserver will by default be performed using NTLM. To allow Kerberos authentication between clients and the web server, the authentication scheme for QlikView Webserver must be changed. In addition, required Service Principal Names (SPNs) must be registered on the service account running QlikView Webserver.

## Resolution

### Changing authentication scheme for QlikView Webserver

- Locate the file config.xml in %ProgramData%\QlikTech\WebServer
- Open config.xml for edit
- Locate the HttpAuthentication section for the file Authenticate.aspx in config.xml
- Change the scheme from "NTLM" to "Negotiate"

```
<HttpAuthentication url="/QvAJAXZfc/Authenticate.aspx" scheme="NTLM" />  
<HttpAuthentication url="/QvAJAXZfc/Authenticate.aspx" scheme="Negotiate" />
```

- Save config.xml

### Register Service Principal Names on service account running QlikView Webserver

Note: The following will require appropriate permissions in Active Directory to add Service Principal Names on the account running QlikView Webserver.

A Service Principal Name may be registered using the following command:

```
setspn -A http/HOST serviceaccount
```

where

- HOST is the name of the server hosting QlikView Webserver
- serviceaccount is the account running QlikView Webserver.

Note: If running Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 it is recommended to instead use the following syntax:

```
setspn -U -S http/HOST serviceaccount
```

For more information see: <http://technet.microsoft.com/en-us/library/cc731241.aspx>

Two Service Principal Names must be registered on the service account, one using the NETBIOS name of the computer hosting QlikView Webserver and one using the Fully Qualified Name of the server.

In this example the NETBIOS name of the server hosting QlikView Webserver is "qvs1", the Fully Qualified Name is "qvs1.companyx.local" and the account used by QlikView Webserver is "COMPANYX\qvssvc".

- Open a command prompt with administrative privileges and type

Windows Server 2003

```
setspn -A http/qvs1 COMPANYX\qvssvc
```

```
setspn -A http/qvs1.companyx.local COMPANYYX\qvssvc
```

### Windows Server 2008 / R2 and Windows Server 2012

```
setspn -U -S http/qvs1 COMPANYYX\qvssvc  
setspn -U -S http/qvs1.companyx.local COMPANYYX\qvssvc
```

- Restart QlikView Webserver after successfully registering the Service Principal Names

For more information about Service Principal Names see:

<http://technet.microsoft.com/en-us/library/cc961723.aspx>

#### Cause

**Tags** Kerberos, web server, QVWS, SPN

#### Attachment 1

#### Attachment 2

#### Attachment 3

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