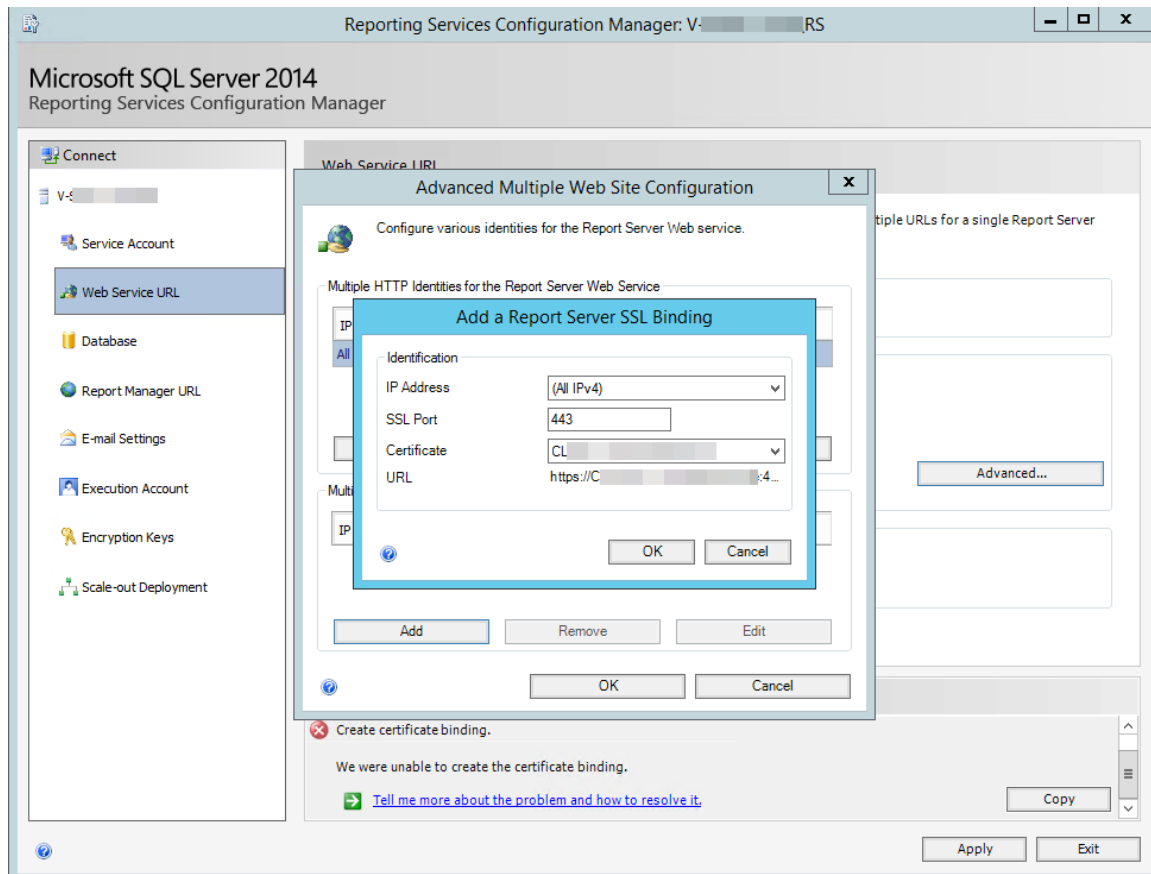




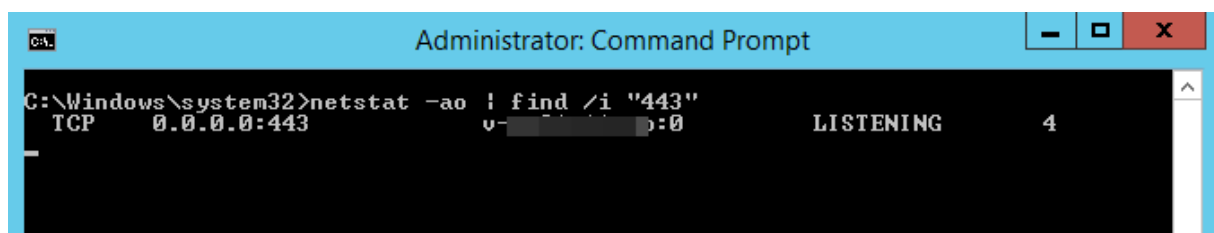
Unable to bind Certificate

Die Ausgangssituation:

Ein bereits aus dem Computerspeicher gelöscht Zertifikat befand sich weiterhin im Zustand des Bindings. Somit war es nicht möglich ein neues Zertifikat an den Port 443 zu binden.



```
netstat -ao | find /i „443“
```





Unable to bind Certificate

Die Fehlermeldung lautet:

An SSL binding already exists for the specified IP address and port combination.

We were unable to create the certificate binding.

The screenshot shows the Reporting Services Configuration Manager interface. The left sidebar lists various configuration options, with 'Web Service URL' selected. The main pane displays the 'Web Service URL' configuration page. An error dialog box titled 'Report Server Configuration Exception' is open, displaying the following details:

```
Exception details:
Microsoft.ReportingServices.WmiProvider.WmiProviderException: An SSL binding already exists for the specified IP address and port combination. The existing binding uses a different certificate from the current request. Only one certificate can be used for each IP address and port combination. To correct the problem, either use the same certificate as the existing binding, or remove the existing SSL binding and create a new binding using the certificate of the current request. ---> System.Runtime.InteropServices.COMException (0x80040238): TabletPC linking error code. Queue is full (Exception from HRESULT: 0x80040238)
--- End of inner exception stack trace ---
at Microsoft.ReportingServices.WmiProvider.RSWmiAdmin.ThrowOnError(ManagementBaseObject mo)
at Microsoft.ReportingServices.WmiProvider.RSWmiAdmin.CreateSSLCertificateBinding(String application, String certificateHash, String ipAddress, Int32 port)
at ReportServicesConfigUI.WmiProvider.RSReportServerAdmin.CreateSSLCertificateBinding(UriApplication app, String certificateHash, String ipAddress, Int32 port)
```

The 'Results' pane at the bottom shows a failed operation: 'Create certificate binding.' with the message 'We were unable to create the certificate binding.' and a link to 'Tell me more about the problem and how to resolve it.' Buttons for 'Apply' and 'Exit' are visible at the bottom right of the main window.



Unable to bind Certificate

Prüfen welches Zertifikat noch immer an den TCP-Port 443 gebunden ist.

netsh http show sslcert

```
Administrator: Command Prompt
C:\Windows\system32>netsh http show sslcert
SSL Certificate bindings:
-----
IP:port                : 0.0.0.0:443
Certificate Hash       : 5cbfcf02d3e753ff361bb0bb80ea85bce2e8777a
Application ID        : {1d40ebc7-1983-4ac5-82aa-1e17a7ae9a0e}
Certificate Store Name : <null>
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

IP:port                : 0.0.0.0:56572
Certificate Hash       : 6bbead003e148a1fe96dfdfb40da4bb7ce16f7a3
Application ID        : {f360f0b9-7ef5-4cb7-afed-1004dd59fa2e}
Certificate Store Name : OfficeScan SSL Agent
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

C:\Windows\system32>_
```

Das Zertifikat welches an den Port 443 gebunden ist, existiert nicht mehr

Dieses fehlerhafte Binding heben wir mit diesem Befehl auf IPv4:

netsh http delete sslcert ipport=0.0.0.0:443

```
Administrator: Command Prompt
C:\Windows\system32>netsh http show sslcert
SSL Certificate bindings:
-----
IP:port                : 0.0.0.0:443
Certificate Hash       : 5cbfcf02d3e753ff361bb0bb80ea85bce2e8777a
Application ID        : {1d40ebc7-1983-4ac5-82aa-1e17a7ae9a0e}
Certificate Store Name : <null>
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

IP:port                : 0.0.0.0:56572
Certificate Hash       : 6bbead003e148a1fe96dfdfb40da4bb7ce16f7a3
Application ID        : {f360f0b9-7ef5-4cb7-afed-1004dd59fa2e}
Certificate Store Name : OfficeScan SSL Agent
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

C:\Windows\system32>netsh http delete sslcert ipport=0.0.0.0:443
SSL Certificate successfully deleted

C:\Windows\system32>_
```



Unable to bind Certificate

Optional IPv6:

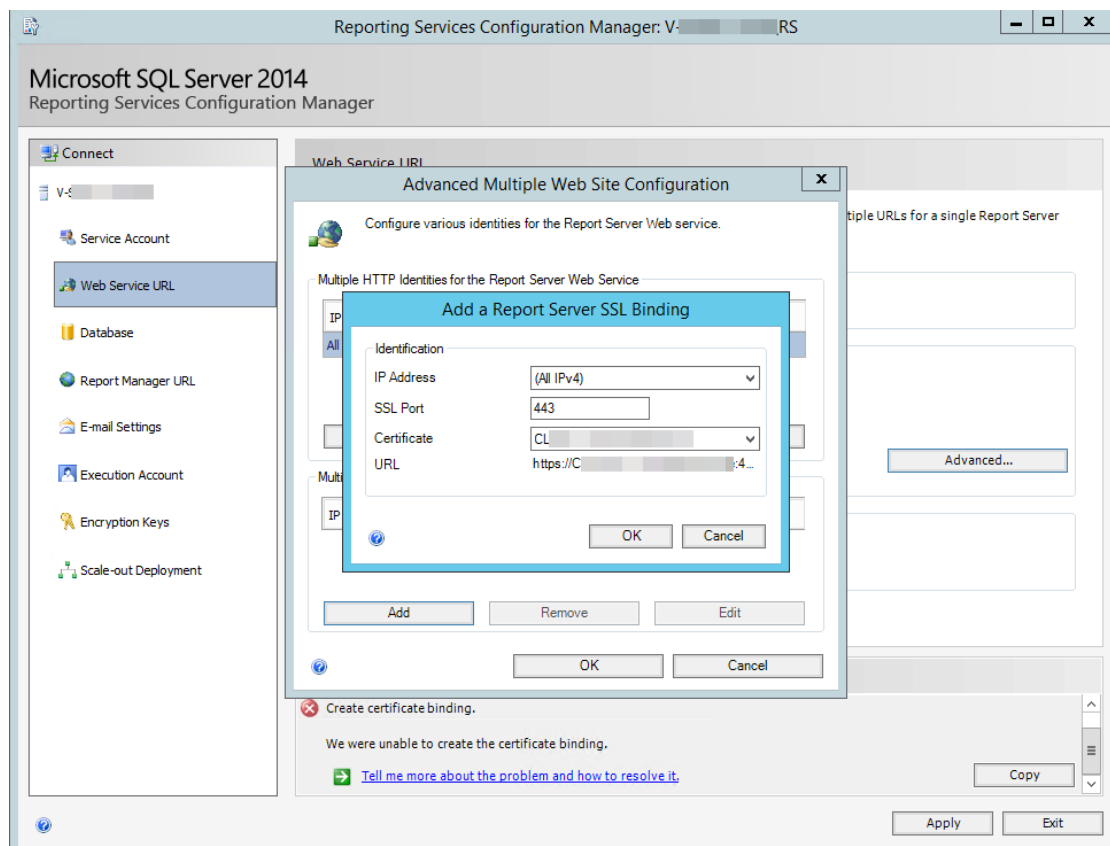
```
netsh http delete sslcert ipport=[:]:443
```

```
netsh http delete sslcert ipport=[:]:443 certhash=xxxxxx
```

Würde man ein Binding aufheben wollen, welches nicht existiert erscheint folgende Meldung.

ssl certificate deletion failed error 2 the system cannot find the file specified

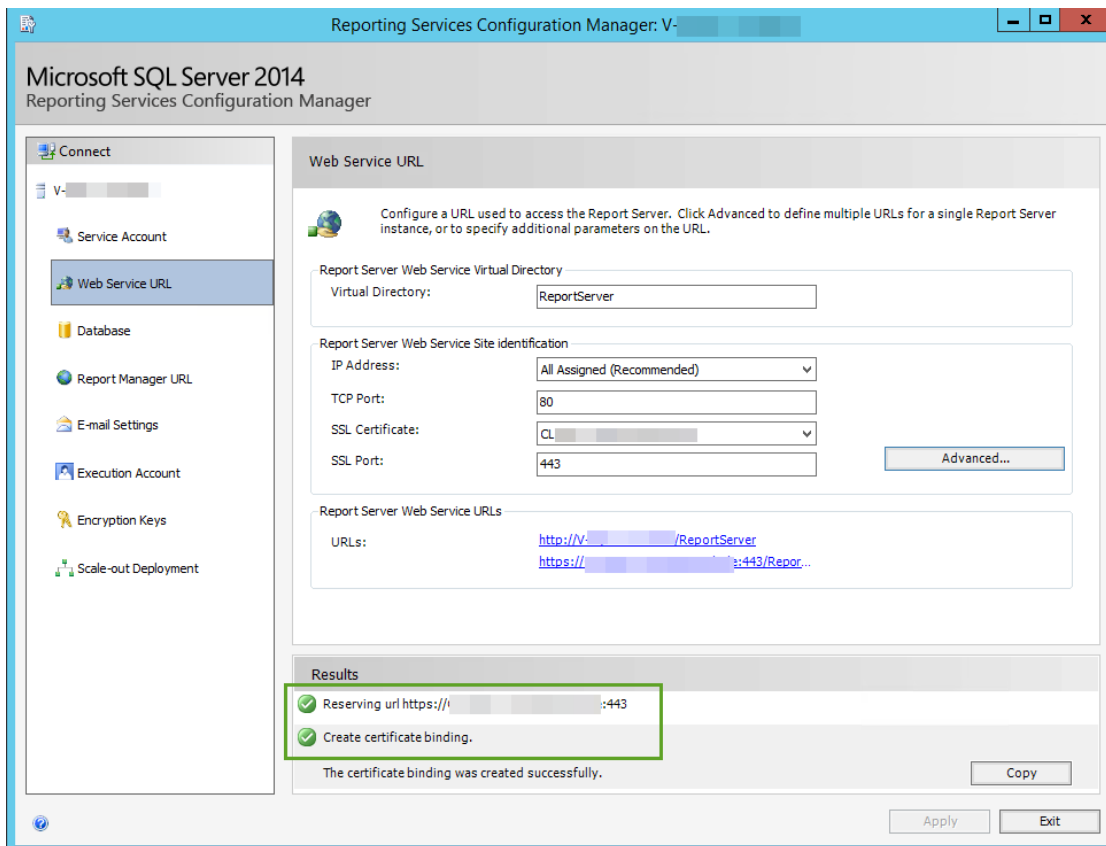
Nun versuchen wir den vorher missglückten Versuch des Bindings noch einmal durchzuführen.



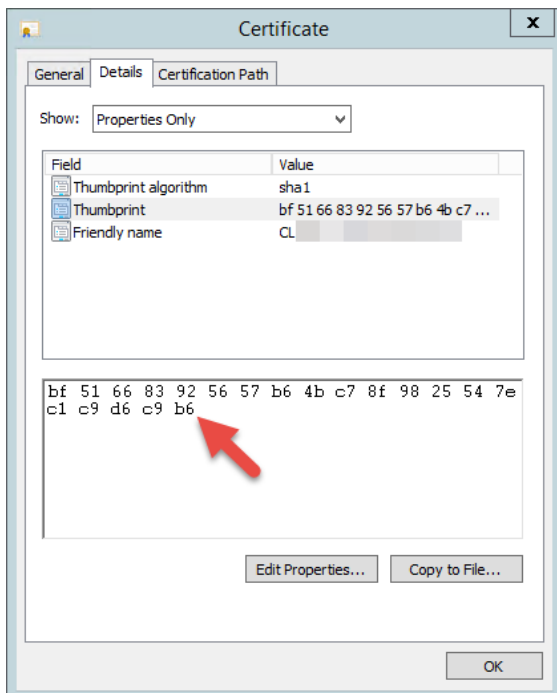


Unable to bind Certificate

Es klappt! The Certificate binding was created successfully.



Das neue Zertifikat mit dem Fingerabdruck xxx**b6** ist nun erfolgreich gebunden.





Unable to bind Certificate

```
Administrator: Command Prompt
C:\Windows\system32>netsh http show sslcert
SSL Certificate bindings:
-----
IP:port                : 0.0.0.0:443
Certificate Hash       : bf516683925657b64bc78f9825547ec1c9d6c9b6
Application ID        : <1d40ebc7-1983-4ac5-82aa-1e17a7ae9a0e>
Certificate Store Name : <null>
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

IP:port                : 0.0.0.0:56572
Certificate Hash       : 6bbead003e148a1fe96dfdfb40da4bb7ce16f7a3
Application ID        : <f360f0b9-7ef5-4ch7-afed-1084dd59fa2e>
Certificate Store Name : OfficeScan SSL Agent
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

IP:port                : [::]:443
Certificate Hash       : bf516683925657b64bc78f9825547ec1c9d6c9b6
Application ID        : <1d40ebc7-1983-4ac5-82aa-1e17a7ae9a0e>
Certificate Store Name : <null>
Verify Client Certificate Revocation : Enabled
Verify Revocation Using Cached Client Certificate Only : Disabled
Usage Check           : Enabled
Revocation Freshness Time : 0
URL Retrieval Timeout : 0
Ctl Identifier        : <null>
Ctl Store Name       : <null>
DS Mapper Usage      : Disabled
Negotiate Client Certificate : Disabled

C:\Windows\system32>
```