

## Web Services, SHA1 – SHA256 changes

### Latest Newsletter with cut-over plan

Nordea

19-02-2024

Information about Service Change

#### **SHA1 Deprecation in Finnish and eGateway Web Services, SHA1 service links will stop working on May 20th**

##### **Affected customers:**

Corporate eGateway customers which are using Web Services connection.

Web Services customers which are using Web Services connection without Corporate eGateway service.

##### **Change:**

**On May 20th, SHA1 service will stop working.**

If customer still uses SHA1 service links in own Web Services client, customer will get errors. Instead, the SHA256 service should be used. \*Links of SHA1 service and SHA256 service are shared in the end of this newsletter.

Please note, the SHA256 service works slightly differently than the SHA1 service. In general, the incoming flow from customers to Nordea work the same way, but in the outgoing flow when Nordea sends customers the responses, the responses are signed with SHA256 certificate and algorithm in the SHA256 service. Customers can find more details from documentation on “Web Services” page in

Nordea.fi, under a new tab called “SHA256 Change and Migration”.

## **SHA256 Change Description and Customer impact:**

In support to provide secure services and solutions to our customers, Nordea will discontinue the support of the SHA1 certificate and signing signature and replace it with SHA256 in Finnish and eGateway Web Services. Nordea will also discontinue the support of TLS 1.0 and 1.1.

### **Customers need to take own efforts to make software changes so that:**

- *SHA256 algorithm is used in digital signature in ApplicationRequest and SOAPRequest messages sent to Nordea*
- *Customer is able to validate digital signature created with SHA256 algorithm If customer validates digital signature in Response messages Nordea sends to customer.*
- *Being able to use TLS 1.2 and 1.3, and stop using SHA1, 3DES algorithms.*

**If customers could not make the needed changes by the change date in Q1-Q2 2024, payment files sent to Nordea would not be processed successfully or customers might have problems processing files sent by Nordea.**

Customers can find more detailed information about this change from “Web Services” page in Nordea.fi, a new tab called “SHA256 Change and Migration”.

**NOTE!** If you don't work in the relevant area related to this change, it is important that you forward the message to the correct person/department within your company or your vendor as soon as possible.

## **SHA256 Change Plan and status on high level:**

**2022 Feb:** : Nordea deployed new SHA256 Web Services as the SHA256 service\*, which runs parallelly with the existing SHA1 Service\*.

**2022 Sep 27th:** Nordea had switched certificate issuing from SHA1 to SHA256. Since then, when customers download or renew certificates, only SHA256 certificates are issued.

**2024 May 20th:** The SHA1 service\* will stop working.

**2024 beginning of June (exact time to be informed later):** The incoming Web Services requests sent by customers with SHA1 signature will be rejected in the SHA256 service\*.

**2024 mid of June (exact time to be informed later):** Nordea will stop supporting of TLS 1.0 and 1.1 in the new SHA256 service\*.

Along the migration work, we will inform exact date/time about the change via our newsletters.

We apologise for the inconvenience,

**Nordea**

\* The SHA256 service links:

<https://filetransfer.nordea.com/services/CorporateFileService/sha2>

<https://filetransfer.nordea.com/services/CertificateService/sha2>

\*The SHA1 service links:

<https://filetransfer.nordea.com/services/CorporateFileService>

<https://filetransfer.nordea.com/services/CertificateService>

Please read documents published on Web Services page of Nordea.fi, which contain detailed information about how these services operate.

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