



DKIM Signer for Exchange 2016/2019

DKIM steht für Domain Keys Identified Mail. Mit diesem Verfahren wird die Authentizität einer Absender Domain geprüft.

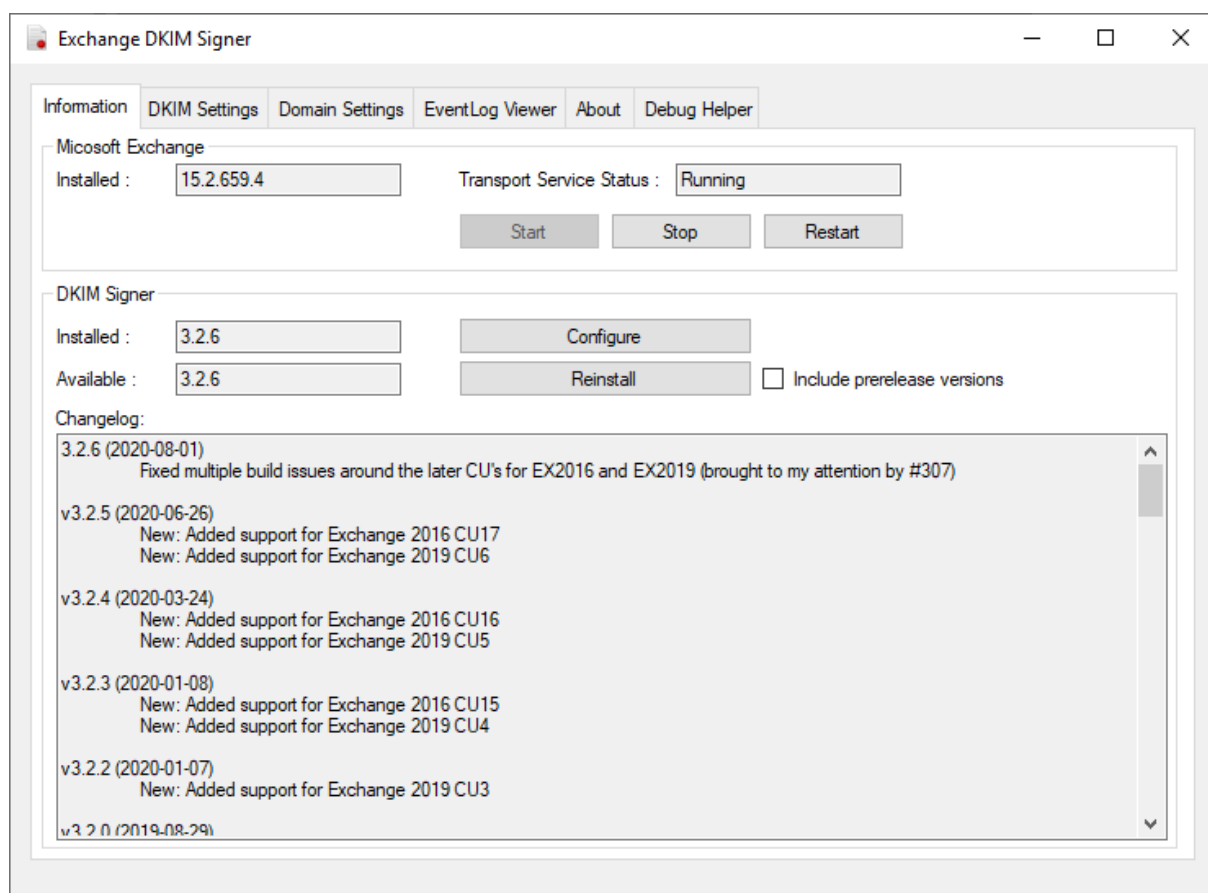
Weitere Informationen unter: <https://www.security-insider.de/was-ist-dkim-a-843406/>

Download Exchange DKIM Signer:

<https://github.com/Pro/dkim-exchange>

Die aktuelle Version v3.2.6 unterstützt nun ohne Fehler Exchange 2016 CU 17 und 2019 CU 6

Nach dem Start der Applikation einfach den Schritten hier folgen.





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Exchange DKIM Signer

Information | DKIM Settings | **Domain Settings** | EventLog Viewer | About | Debug Helper

1 Domain details

Domain name: Selector:

Private key filename:

Key length for generation: 2048

Suggested DNS Name:

Suggested DNS Record:

Existing DNS:

2 Domains

Exchange DKIM Signer

Information | DKIM Settings | **Domain Settings** | EventLog Viewer | About | Debug Helper

Domain details

Domain name: **3** Selector: **4**

Private key filename:

Key length for generation: 1024 **5** **6**

Suggested DNS Name:

Suggested DNS Record:

Existing DNS:

Domains



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Exchange DKIM Signer

Information DKIM Settings **Domain Settings** EventLog Viewer About Debug Helper

Domains

Domain details

Domain name: Selector:

Private key filename:

Key length for generation:

Suggested DNS Name:

Suggested DNS Record:

Move key?

It is strongly recommended to store all the keys in the directory
C:\Program Files\Exchange DkimSigner\keys
Do you want me to move the key into this directory?

keys

Datei Start Freigegeben Ansicht

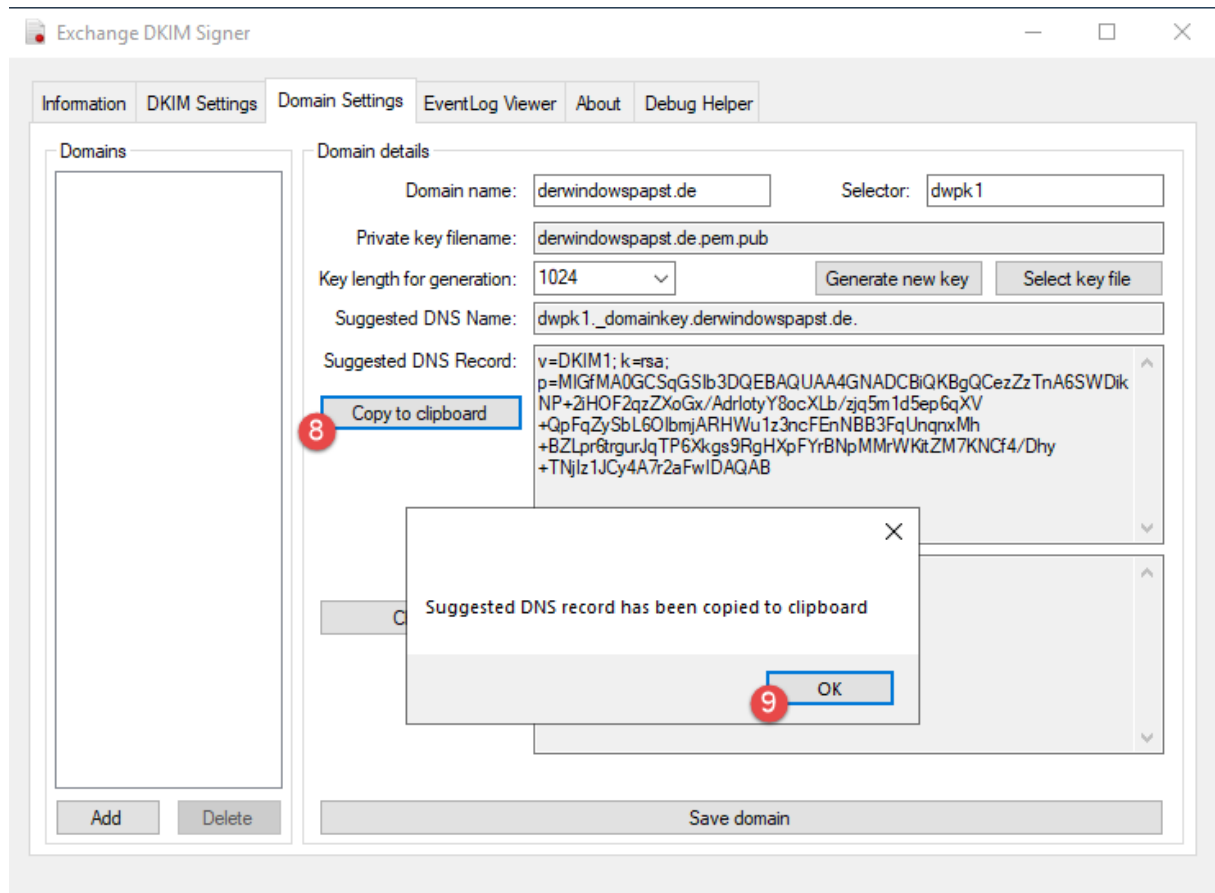
Dieser PC > Lokaler Datenträger (C:) > Programme > Exchange DkimSigner > keys

Name	Änderungsdatum	Typ	Größe
derwindowspapst.de.pem	21.06.2020 20:13	PEM-Datei	1 KB
derwindowspapst.de.pem.pub	21.06.2020 20:13	PUB-Datei	1 KB

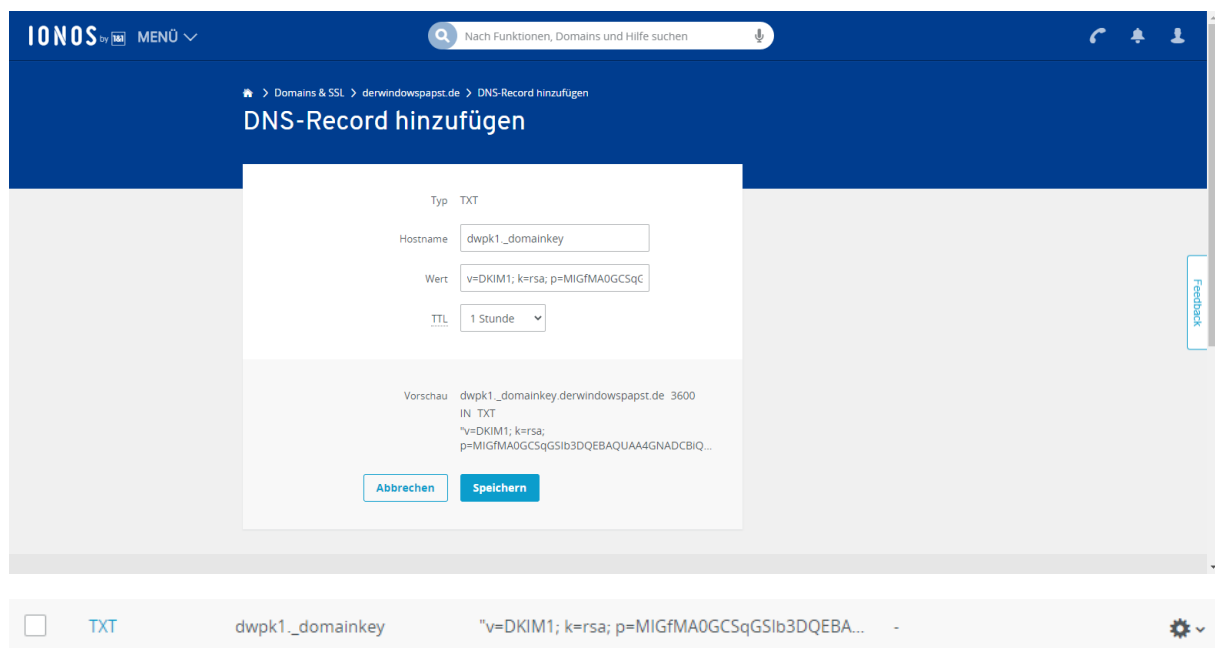
2 Elemente



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DNS Record beim Provider hinzufügen.





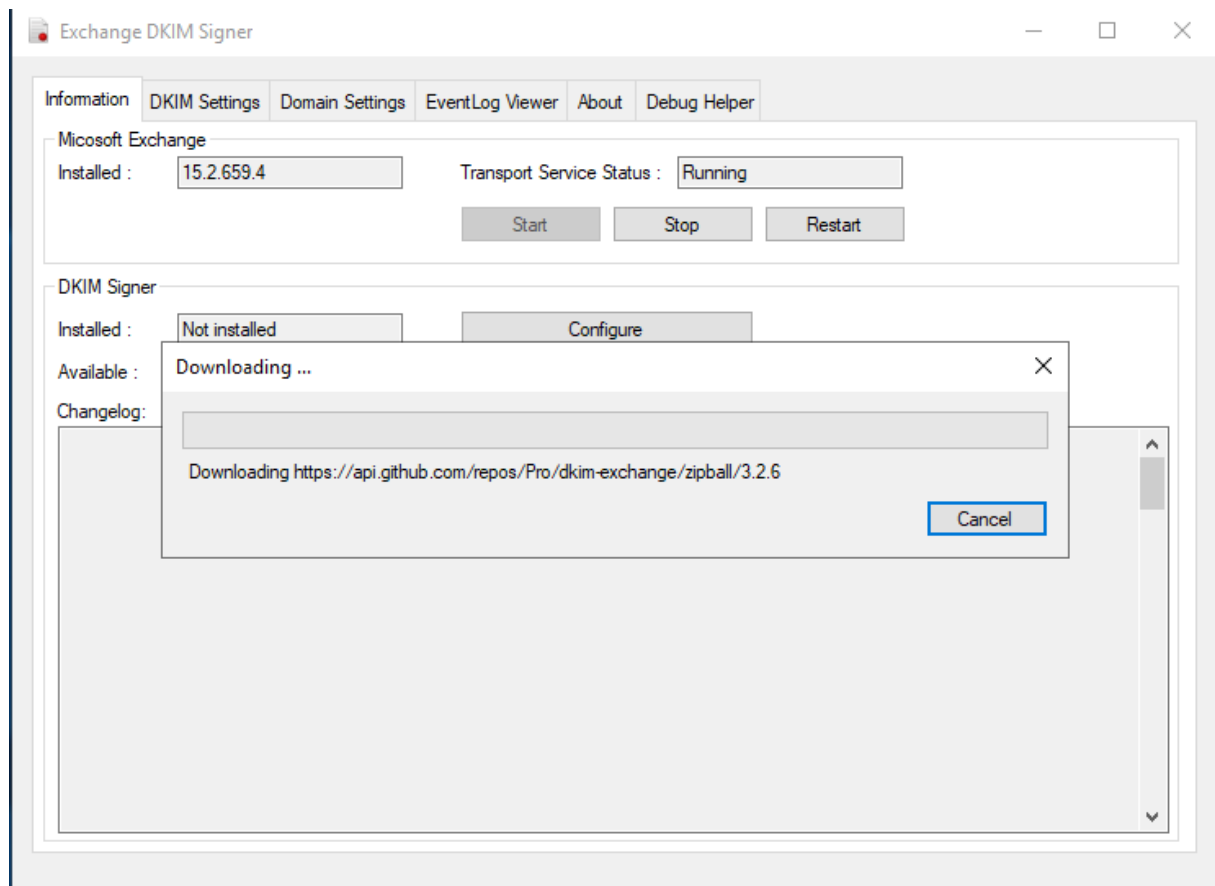
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The screenshot shows the 'Domain Settings' tab of the Exchange DKIM Signer application. The 'Domain name' is 'derwindowspapst.de' and the 'Selector' is 'dwpk1'. The 'Private key filename' is 'derwindowspapst.de.pem.pub'. The 'Key length for generation' is set to 1024. The 'Suggested DNS Name' is 'dwpk1._domainkey.derwindowspapst.de.'. The 'Suggested DNS Record' is a DKIM record: `v=DKIM1; k=rsa; p=MIGfMA0GCsqGSIb3DQEBAQUAA4GNADCBiQKBgQCezZzTnA6SWDikNP+2HOF2qzZXoGx/AdrlotyY8ocXLb/zjq5m1d5ep6qXV+QpFqZySbL60lbmjARHWu1z3ncFEnNBB3FqUnqnxMh+BZLpr6trgurJqTP6Xkgs9RgHXpFYrBNpMMrWKitZM7KNCf4/Dhy+TNjlz1JCy4A7r2aFwIDAQAB`. A 'Check' button is highlighted with a red circle containing the number 10. Below the 'Existing DNS' field, a green message states 'DNS record public key is correct'. At the bottom, a 'Save domain' button is highlighted with a red circle containing the number 11. The 'Domains' list on the left is empty, with 'Add' and 'Delete' buttons below it.

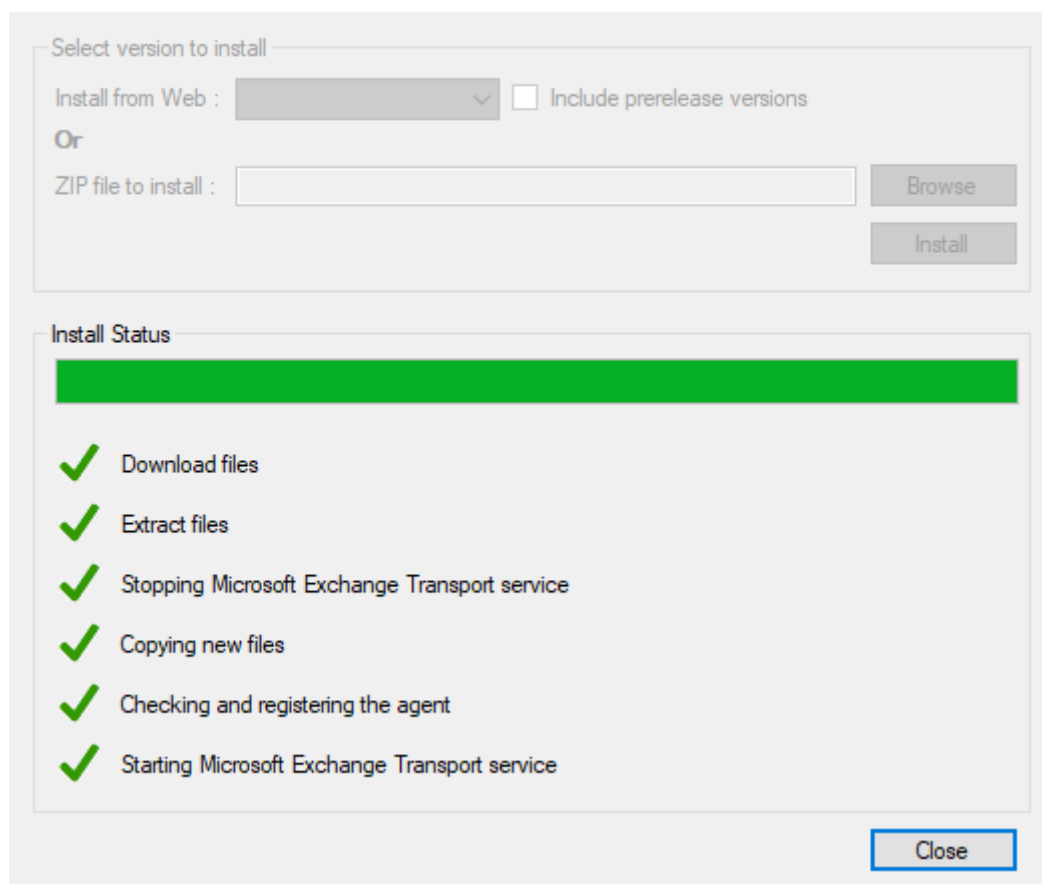
The screenshot shows the 'DKIM Settings' tab of the Exchange DKIM Signer application. The 'Microsoft Exchange' section shows 'Installed : 15.2.659.4' and 'Transport Service Status : Running'. There are 'Start', 'Stop', and 'Restart' buttons. The 'DKIM Signer' section shows 'Installed : Not installed' and 'Available : 3.2.4'. There is a 'Configure' button and an 'Install' button highlighted with a red circle containing the number 13. A checkbox for 'Include prerelease versions' is present. The 'Changelog' section lists updates from v3.2.0 to v3.2.4, including support for Exchange 2016 CU16, 2019 CU5, 2016 CU15, 2019 CU4, 2019 CU3, 2013 CU22, 2016 CU11, 2016 CU12, 2019 Preview, 2019 RTM, and 2019 CU1.



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Exchange DkimSigner





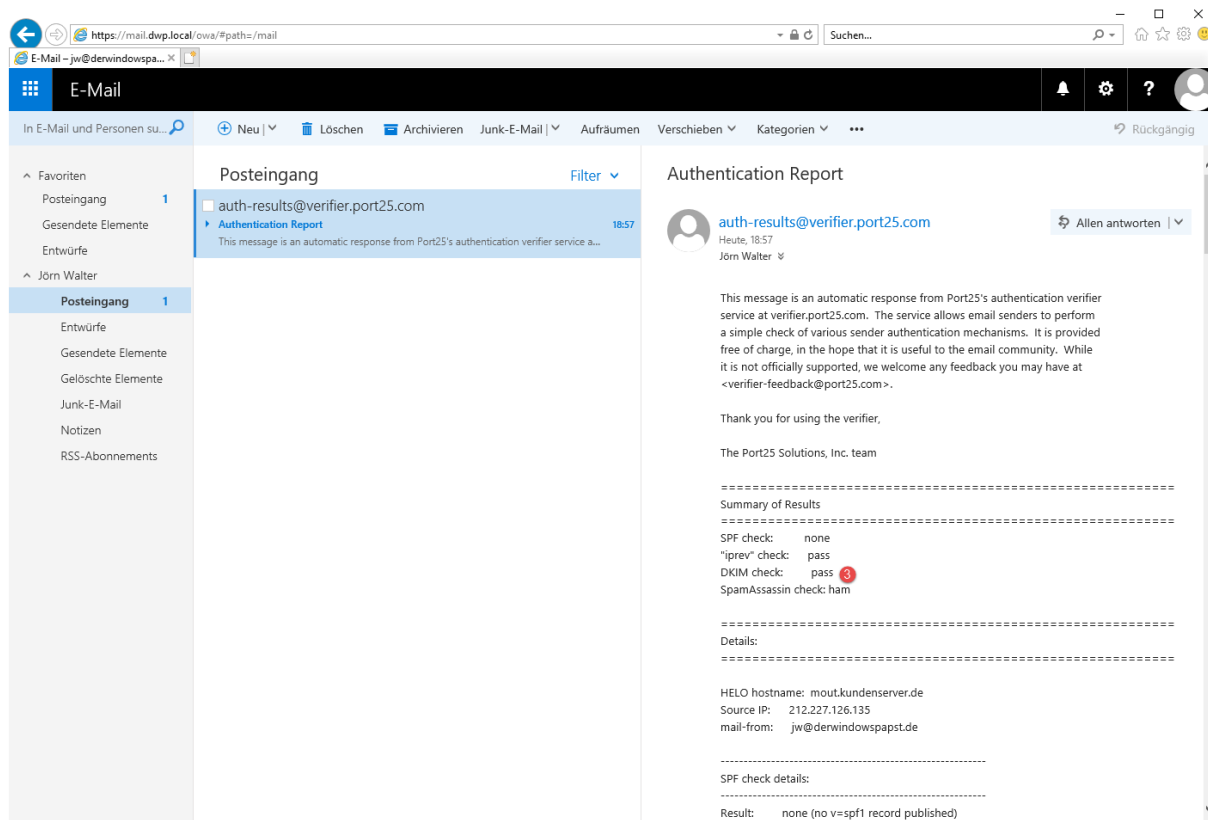
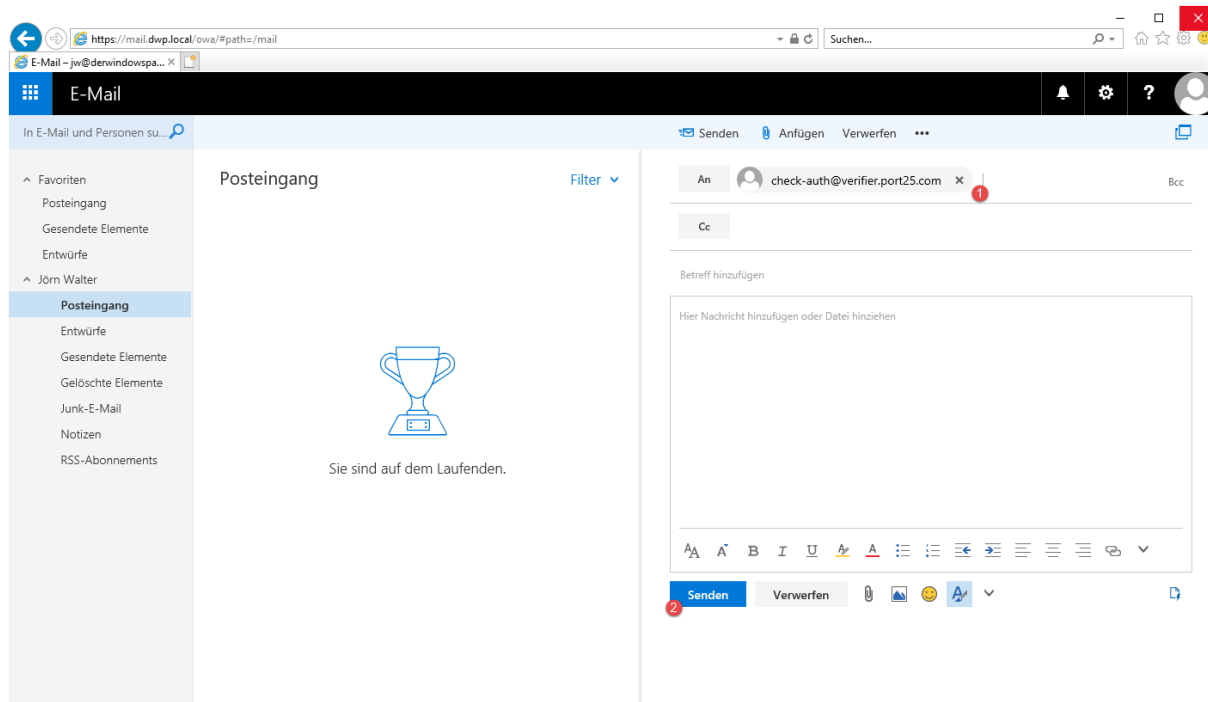
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Entweder prüft man DKIM mit diesen Online Tools

<https://dkimvalidator.com/>

<https://dkimcore.org/c/keycheck>

oder ihr sendet einfach eine E-Mail an check-auth@verifier.port25.com und wartet das Ergebnis ab.





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In der empfangenen E-Mail findet ihr die DKIM Signatur in den Eigenschaften.

Eigenschaften ✕

Einstellungen **Sicherheit**

Wichtigkeit Normal ▼ Nachrichteninhalte und Anlagen verschlüsseln

Vertraulichkeit Normal ▼ Dig. Signatur ausgehenden Nachrichten hinzufügen

Keine AutoArchivierung dieses Elements S/MIME-Bestätigung anfordern

Optionen zur Verlaufkontrolle

Die Zustellung dieser Nachricht bestätigen

Das Lesen dieser Nachricht bestätigen

Übermittlungsoptionen

Antworten senden an

Läuft ab nach Ohne ▼ 00:00 ▼

▼

Internetkopfeilen

```
DKIM-Signature: v=1; a=rsa-sha256; d=derwindowspapst.de; s=dwpk1;
c=simple/simple; t=1598029542; h=from:subject:to:date:message-id;
bh=Vf3DHPwiCjWw9YAglDPqRsSOj4jix6UlceagtmZOrak=;
b=nrkAjr8RZ2MwUxqxwh1kTrb0LQ6ufFr2ew+
4BQXyzvK7b5DTx4kCnRPH6ybZHic7V+i9K+LcHKK
GyeEpiHahNgcUWUZ8z4qron91QccsSBuzNGi9Fm31o7J6A9TfsbHAZcUpUh3K
CGPuVJ3prtj0WJS/
```