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ygotthilf / **jwtRS256.sh**

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How to generate JWT RS256 key

<> **jwtRS256.sh**

```
1  ssh-keygen -t rsa -b 4096 -m PEM -f jwtRS256.key
2  # Don't add passphrase
3  openssl rsa -in jwtRS256.key -pubout -outform PEM -out jwtRS256.key.pub
4  cat jwtRS256.key
5  cat jwtRS256.key.pub
```

Load earlier comments...

navghanzed commented on Sep 19, 2022

thanks

ritavdasthou commented on Oct 12, 2022

Thanks a lot !

HansKim6 commented on Nov 14, 2022

thanks

TWebSrDev commented on Dec 3, 2022

I cannot believe the amount of time and frustration it took to FINALLY stumble upon this amazing post, and the equally amazing comments that provided additional clarity. IMO, while fully acknowledging that the actual generation of public/private keys using openssl/ssh-keygen is beyond scope for node-jsonwebtoken docs, still, it would be a great service to their user base, to if not actually include the few lines required to properly create compatible public/private keys, to at least maybe add references/links to CLEAR, helpful resources LIKE THIS!
Thanks ALOT to the OP, and everyone who contributed!

MJENDIDS commented on Dec 5, 2022

T. H. A. N. K. S. 🙏

canhlinh commented on Dec 7, 2022

Use this command to convert the keys to one line string

```
awk 'NF {sub(/\r/, ""); printf "%s\\n",$0;}'  jwtRS256.key
awk 'NF {sub(/\r/, ""); printf "%s\\n",$0;}'  jwtRS256.key.pub
```

XDanny322 commented on Jan 5, 2023

Thank you indeed!

jdboris commented on Feb 16, 2023

Thanks

tgirotto commented on Mar 7, 2023

thanks

itaow commented on Mar 9, 2023

Thanks !

Jehovanie commented on Mar 21, 2023

I think this link resolve also this problem.
https://symfony.com/bundles/LexikJWTAuthenticationBundle/current/index.html
thank you.

francesco-plt commented on Mar 31, 2023

Thanks! What if I need to use the private key associated to a Metamask wallet to sign? Can I do it by manipulating the key or do I need another type of key altogether?

meltingrock commented on Apr 5, 2023

Thanks

nikelborm commented on Apr 22, 2023 • edited ▾

Thanks!
BTW **@ygotthilf** you can add `-N ''` to ssh keygen and it will not even ask for passphrase

xiaoyuze88 commented on Jun 2, 2023

awesome!!! Thx

mtwsec commented on Jun 13, 2023

Thanks! Nice and easy!

ziyaDev commented on Jun 22, 2023

Awesome, thank youuu

gokhan-uysal commented on Jul 9, 2023

many thanks

Aaron2963 commented on Jul 27, 2023

save my day, thanks

NNHungLong commented on Jul 27, 2023

Thanks

AColocho commented on Aug 31, 2023

> Now, it doesn't work because newer version of `ssh-keygen` no longer uses `PEM` format as default key format. It have changed to `RFC4716` for default key format. Thus, I have to set `PEM` format explicitly :
>
> `ssh-keygen -t rsa -b 4096 -m PEM -f jwtRS256.key`
>
> This will work 👍

In case anyone is getting an error from openssl, try this.

solairerove commented on Sep 17, 2023

many thanks

iamanikeev commented on Sep 25, 2023

thank you good sir!

muhammadfazeel1 commented on Nov 19, 2023

Thanks :)

honne23 commented on Jan 31

nice

mthienpont commented on Jan 31

oh hell yeah

farzadafi commented on Feb 3

concise and useful :)

peterDitrih commented on Feb 29

thx

IHsuanLu commented 2 weeks ago

thanks!

bmewj commented last week

Thanks