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# Misconfigured web server behind grigoriefflab.umassmed.edu

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karelmad

## Misconfigured web server behind grigoriefflab.umassmed.edu

The webserver behind grigoriefflab.umassmed.edu used to download CISTEM at <https://grigoriefflab.umassmed.edu/sites/default/files/cistem-1.0.0-beta...> , is misconfigured.

It does not send the whole certificate chain, instead sending only the certificate for \*.umassmed.edu. This works for web browsers, as they cache intermediate certificates, but when used with wget or other tools, it fails with:

ERROR: The certificate of 'grigoriefflab.umassmed.edu' is not trusted.  
ERROR: The certificate of 'grigoriefflab.umassmed.edu' doesn't have a known issuer.

This prevents anyone from installing CISTEM and other tools distributed from this server using commandline tools.

Output of `openssl s\_client -connect grigoriefflab.umassmed.edu:443`:

```
CONNECTED(00000003)
depth=0 C = US, ST = MA, L = Worcester, OU = Information Technology,
O = UMass Medical School, CN = *.umassmed.edu
verify error:num=20:unable to get local issuer certificate
verify return:1
depth=0 C = US, ST = MA, L = Worcester, OU = Information Technology,
O = UMass Medical School, CN = *.umassmed.edu
verify error:num=21:unable to verify the first certificate
verify return:1
---
Certificate chain
 0 s:C = US, ST = MA, L = Worcester, OU = Information Technology, O =
UMass Medical School, CN = *.umassmed.edu
  i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA
2018
---
Server certificate
...
```

Compare with  
[https://nginx.org/en/docs/http/configuring\\_https\\_servers.html](https://nginx.org/en/docs/http/configuring_https_servers.html) section SSL

certificate chains. As you can see, your certificate is signed by an intermediate certificate which is then not sent by your server. Because the C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018 certificate is not a root certificate, commandline tools and some browsers will refuse to connect.

Please forward this to whoever is responsible for the server.

Thanks in advance

Karel







niko

Please use

Please use

```
wget --no-check-certificate  
https://grigoriefflab.umassmed.edu/sites/default/files/cistem-  
1.0.0-beta-intel-linux.tar.gz
```

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