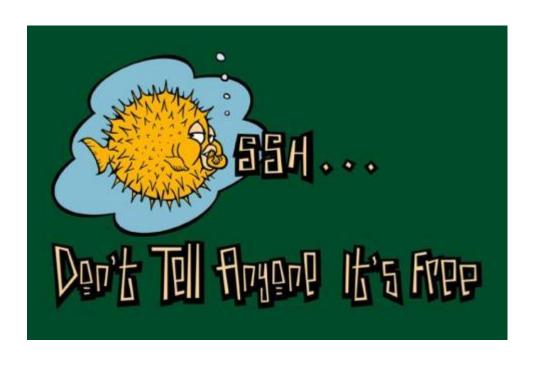
# SSH Sunucusuna Nasıl Güveniyoruz?

Necdet Yücel twitter.com/nyucel, TA3INC Gülşah Köse twitter.com/gulsahkse, TA3IKG

## ssh'ta problem mi var?



### sunucu bizi kolay tanıyor

- kullanıcı adı / parola
- sertifika

# biz sunucuyu nasıl tanıyoruz?

```
The authenticity of host 'www.comu.edu.tr (193.255.97.9)' can't be established. RSA key fingerprint is 8f:49:4a:ef:37:b5:dd:2b:4b:70:4f:ce:e0:a1:0c:bf. Are you sure you want to continue connecting (yes/no)?
```

# biz sunucuyu nasıl tanıyoruz?

-o VisualHostKey=yes

```
The authenticity of host 'www.comu.edu.tr (193.255.97.9)' can't be established.
RSA key fingerprint is 8f:49:4a:ef:37:b5:dd:2b:4b:70:4f:ce:e0:a1:0c:bf.
+--[ RSA 2048]----+
        . 0 +.. .
        .. E .o..
Are you sure you want to continue connecting (yes/no)?
```

# Sunucu değişirse?

#### DNS'e soralim http://www.rfc-editor.org/rfc/rfc4255.txt

Network Working Group Request for Comments: 4255 Category: Standards Track

J. Schlyter OpenSSH W. Griffin SPARTA January 2006

Using DNS to Securely Publish Secure Shell (SSH) Key Fingerprints Status of This Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

#### DNS'e soralim -o "VerifyHostKeyDNS=yes"

```
The authenticity of host 'www.comu.edu.tr (193.255.97.9)' can't be established.
RSA key fingerprint is 8f:49:4a:ef:37:b5:dd:2b:4b:70:4f:ce:e0:a1:0c:bf.
No matching host key fingerprint found in DNS.
Are you sure you want to continue connecting (yes/no)?
```

#### DNS'e soralim ssh-keygen -r www.yourdomain.com.

```
members.comu.edu.tr. IN SSHFP 1 1 c696fdb15e2a03b6c273390c4e8a90bb13c731a4
members.comu.edu.tr. IN SSHFP 2 1 b6b699d5cfecf7da90f8dd2f351d99ceb36b1360
```

```
Value
         Algorithm name
         reserved
         RSA
         DSS
```

#### **DNS'e soralim**

```
steve@steve:~$ ssh localhost -o "VerifyHostKeyDNS=yes"
yes authenticity of host 'localhost (127.0.0.1)' can't be established.
RSA key fingerprint is 2d:d3:29:bd:4d:e2:7d:a3:b0:15:96:26:d4:60:13:34.
Matching host key fingerprint found in DNS.
Are you sure you want to continue connecting (yes/no)?
```

# Teşekkürler

