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Why do I have the error message ""Invalid SSH key uploaded or key type mismatch"" when I try to upload a SSHv2 key ?

- 2018-02-23 - Classic Switches

A lot of SSHv2 key may not be accepted by our devices.

Indeed its lenght must be of 1024 bits and in OpenSSH format.

Puttygen which is widely used to generate keys doesn't uses these settings by default so just selecting ""SSH-2"" generating a key and saving it won't be enough.

So select the relevant size (1024) and export the generated key as on OpenSSHkey (see screenshot).

😴 PuTT	YK	ey Generato	r						×	
File Ke	ey (	Conversion	is I	Help						
Key Public	: ke	Import key				vs file:				
AAAA	ssn-rsa		ort OpenSSH key ort ssh.com key			Ytx/JGTSNv4ul7zDBx8rGEzAlsthzk 3zqOZuHVls61cruatXRhP8Qvygkm			* E	
SAL	Tos	2qqRJ+ 4q4M5WpRA	RQn	3A49I9mZpMhl	JzRbld				-	
Key fir	ngeŋ	print:	ssh-rsa 1024 f5:c7:c1:b4:a4:ab:05:80:5c:8e:10:ca:2e:c4:c9fc							
Key co	Key comment:			rsa-key-20131030						
	Key passphrase: Confirm passphrase:									
Action	IS									
Gener	Generate a public/private key pair							Generate		
Load an existing private key file								Load		
Save	the g	generated ke	y		5	ave public	key	Save private ke	y	
Param	eten	5								
		ey to generate (RSA)	e:	• SSH-2 R	SA		SSH	I-2 DSA		
Numb	Number of bits in a generated key: 1024									

Then the generated key can be uploaded and used by the devices.