



Data Science Academy

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Data Lake – Design, Projeto e Integração

Acesso Remoto à Instância EC2



**Siga todas as instruções abaixo para acessar à
Instância EC2 na AWS.**

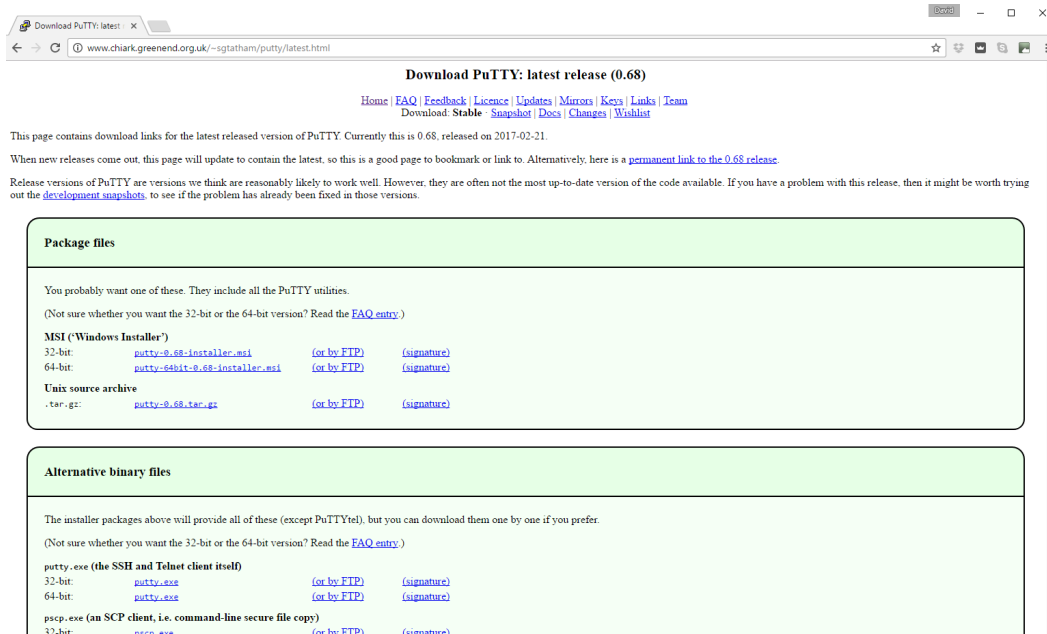
**Este documento é para conexão a partir do
Windows.**



Windows

- 1- Acesse o endereço abaixo e faça o download do putty e puttygen (fique atento à versão de acordo com seu sistema operacional 32 ou 64 bits).

<http://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>



The screenshot shows a web browser window with the address bar displaying `www.chiark.greenend.org.uk/~sgtatham/putty/latest.html`. The page title is "Download PuTTY: latest release (0.68)". The page content includes navigation links (Home, FAQ, Feedback, Licence, Updates, Mirrors, Keys, Links, Team), download links (Stable, Snapshot, Docs, Changes, Wishlist), and a note about the latest release (0.68, released on 2017-02-21). It also mentions that the page will update with new releases and provides a permanent link to the 0.68 release. The page is divided into two main sections: "Package files" and "Alternative binary files".

Package files

You probably want one of these. They include all the PuTTY utilities.
(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

MSI ("Windows Installer")

Architecture	Download Link	FTP Link	Signature Link
32-bit	putty-0.68-installer.msi	(or by FTP)	(signature)
64-bit	putty-64bit-0.68-installer.msi	(or by FTP)	(signature)

Unix source archive

Architecture	Download Link	FTP Link	Signature Link
32-bit	putty-0.68.tar.gz	(or by FTP)	(signature)

Alternative binary files

The installer packages above will provide all of these (except PuTTYtel), but you can download them one by one if you prefer.
(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

putty.exe (the SSH and Telnet client itself)

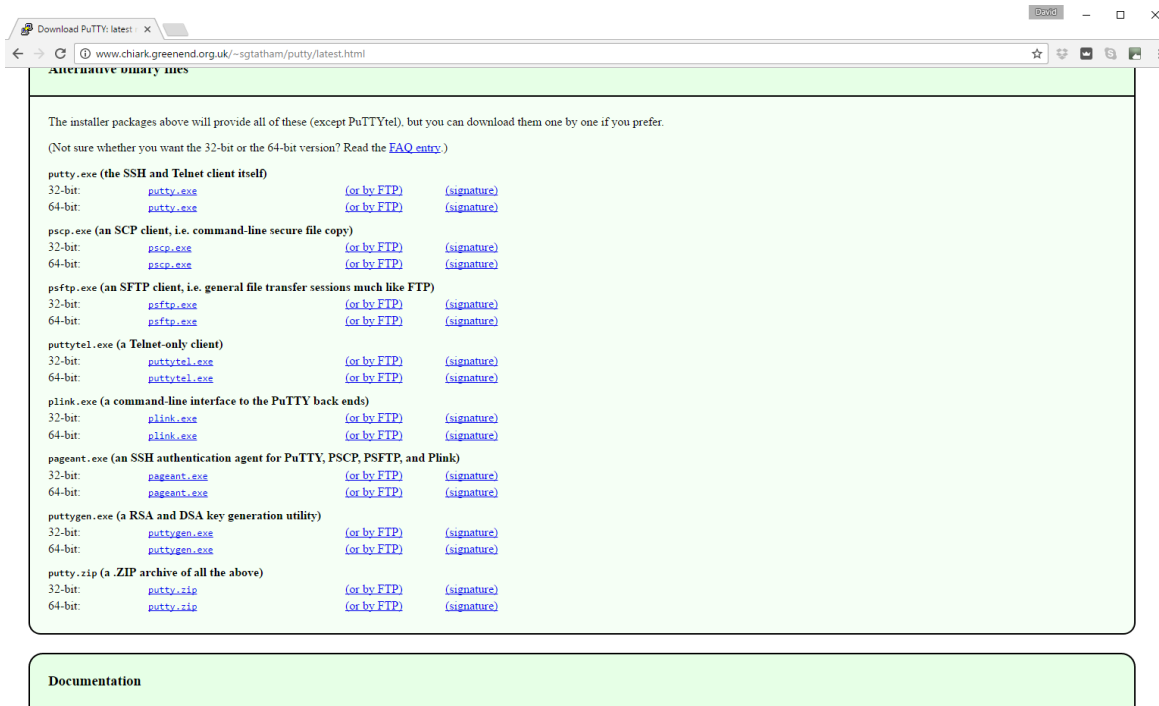
Architecture	Download Link	FTP Link	Signature Link
32-bit	putty.exe	(or by FTP)	(signature)
64-bit	putty.exe	(or by FTP)	(signature)

pscp.exe (an SCP client, i.e. command-line secure file copy)

Architecture	Download Link	FTP Link	Signature Link
32-bit	pscp.exe	(or by FTP)	(signature)



2- Download do puttygen (para gerar as chaves de segurança).



The screenshot shows a web browser window with the address bar displaying "www.chiark.greenend.org.uk/~sgtatham/putty/latest.html". The page content is titled "Alternative binary files" and lists various PuTTY-related executables and their download links. The links are organized into groups for different utilities, each with 32-bit and 64-bit versions, and options to download by FTP or get a signature. The utilities listed include putty.exe, pscp.exe, psftp.exe, puttytel.exe, plink.exe, pageant.exe, and puttygen.exe. At the bottom of the page, there is a section titled "Documentation".

Alternative binary files

The installer packages above will provide all of these (except PuTTYtel), but you can download them one by one if you prefer.
(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

putty.exe (the SSH and Telnet client itself)

32-bit:	putty.exe	(or by FTP)	(signature)
64-bit:	putty.exe	(or by FTP)	(signature)

pscp.exe (an SCP client, i.e. command-line secure file copy)

32-bit:	pscp.exe	(or by FTP)	(signature)
64-bit:	pscp.exe	(or by FTP)	(signature)

psftp.exe (an SFTP client, i.e. general file transfer sessions much like FTP)

32-bit:	psftp.exe	(or by FTP)	(signature)
64-bit:	psftp.exe	(or by FTP)	(signature)

puttytel.exe (a Telnet-only client)

32-bit:	puttytel.exe	(or by FTP)	(signature)
64-bit:	puttytel.exe	(or by FTP)	(signature)

plink.exe (a command-line interface to the PuTTY back ends)

32-bit:	plink.exe	(or by FTP)	(signature)
64-bit:	plink.exe	(or by FTP)	(signature)

pageant.exe (an SSH authentication agent for PuTTY, PSCP, PSFTP, and Plink)

32-bit:	pageant.exe	(or by FTP)	(signature)
64-bit:	pageant.exe	(or by FTP)	(signature)

puttygen.exe (a RSA and DSA key generation utility)

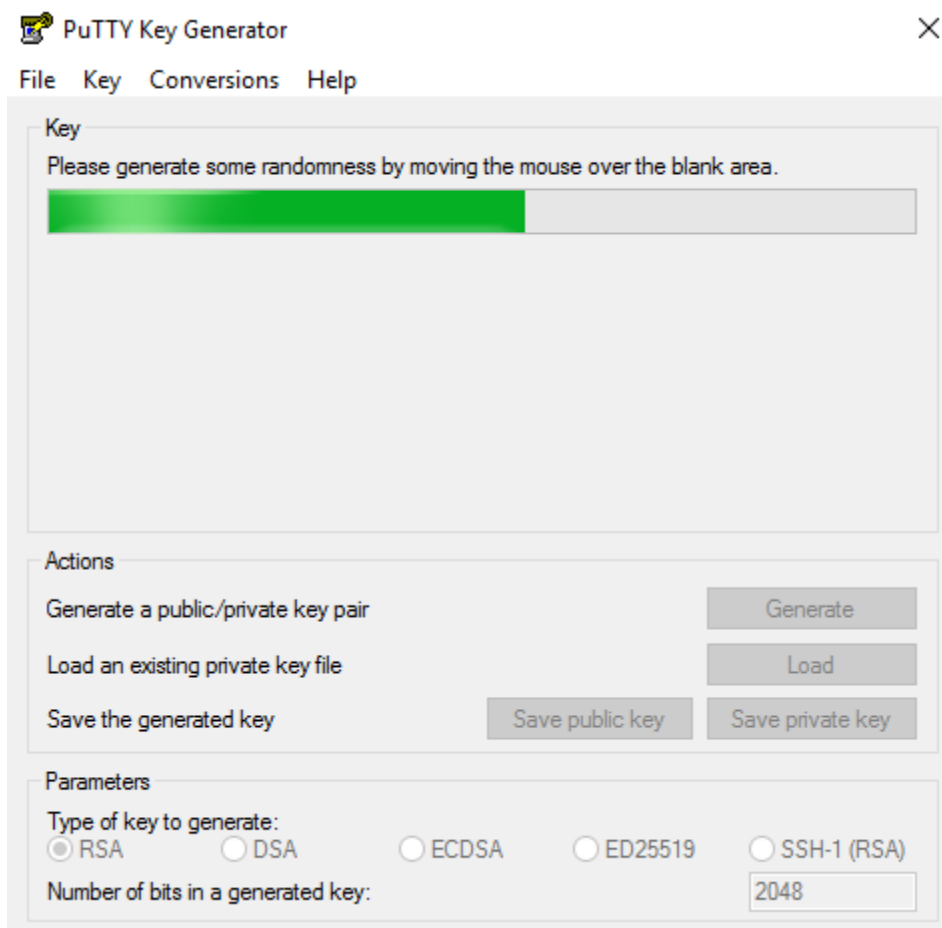
32-bit:	puttygen.exe	(or by FTP)	(signature)
64-bit:	puttygen.exe	(or by FTP)	(signature)

putty.zip (a .ZIP archive of all the above)

32-bit:	putty.zip	(or by FTP)	(signature)
64-bit:	putty.zip	(or by FTP)	(signature)

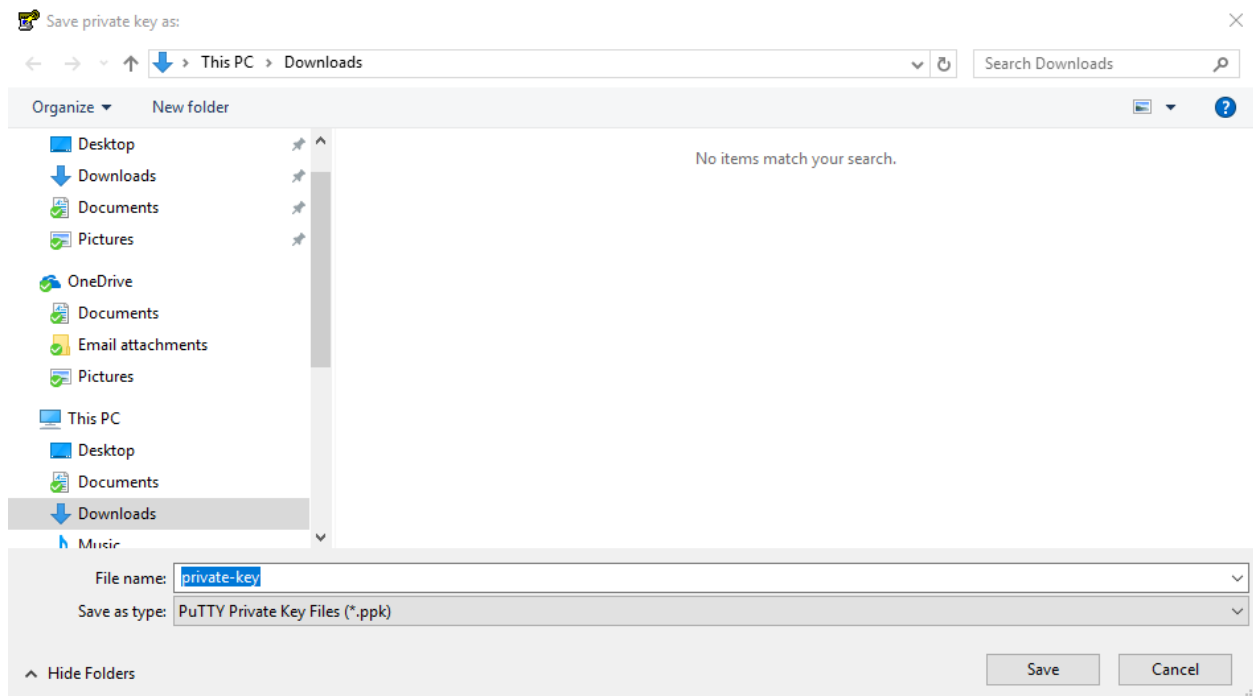
Documentation

- 3- Abra o puttygen (2 cliques sobre o executável) e importe a chave .pem que você fez o download no momento que criou sua instância EC2.



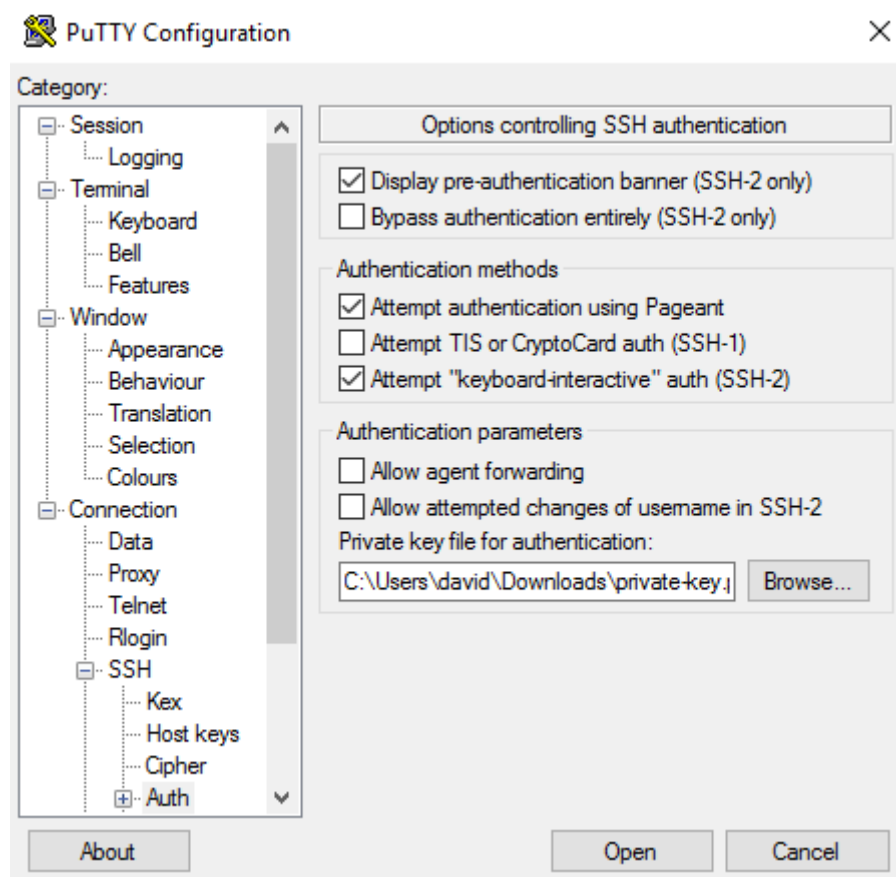


4- Salve o arquivo com o nome que preferir. Sugerimos: **private-key.ppk**.



Isso finaliza a configuração com o puttygen. Pode fechar o aplicativo!

- 5- Abra o putty (você pode colocar o executável onde preferir, pois não há instalação. Sugerimos colocar o arquivo no seu desktop). No menu à esquerda, clique em **Connection – SSH – Auth**. Na caixa Private Key file for authentication, clique no botão browse e selecione a private-key criada no passo anterior.



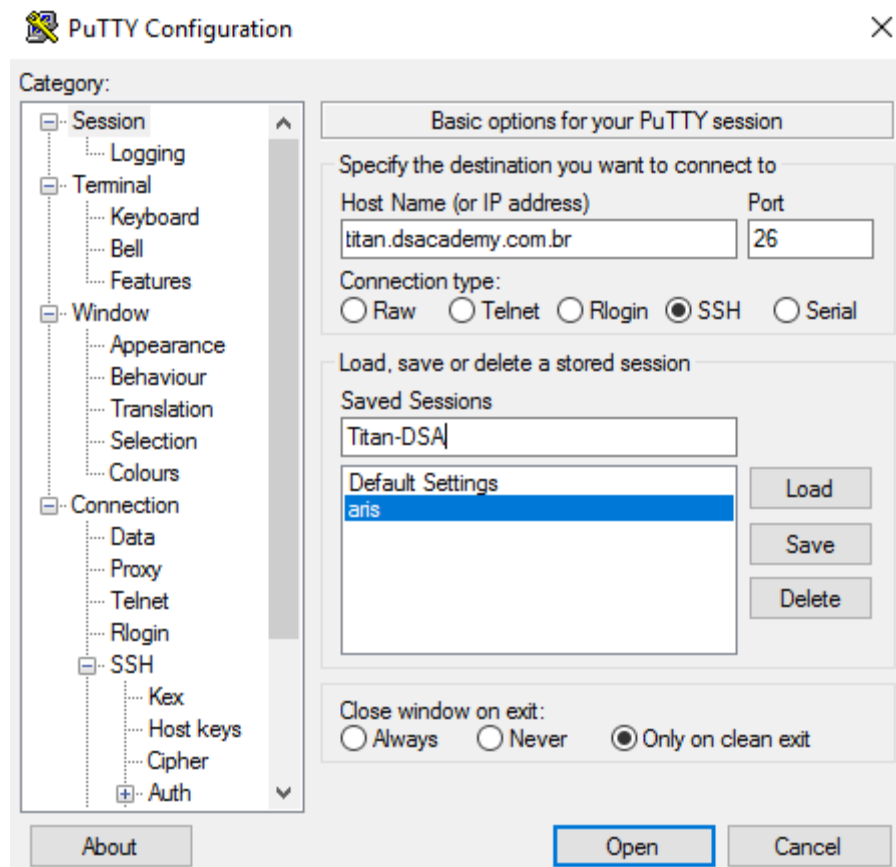


- 6- No menu à esquerda, clique em Session. Preencha os dados de acesso ao servidor e clique em salvar.

Servidor: **nome_instância_ec2**

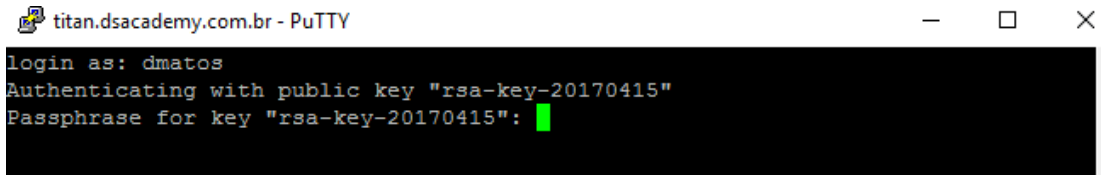
Port: **22**

Connection Type: **SSH**





- 7- Clique no botão Open e digite seu usuário de acesso ao EC2 (dependendo do tipo de instância pode ser ec2-user).



The image shows a PuTTY terminal window titled "titan.dsacademy.com.br - PuTTY". The terminal output is as follows:

```
login as: dmatos
Authenticating with public key "rsa-key-20170415"
Passphrase for key "rsa-key-20170415":
```

A green cursor is visible at the end of the passphrase prompt.



8- Login efetuado com sucesso!

```
dmatos@titan: ~  
login as: dmatos  
Authenticating with public key "rsa-key-20170415"  
Passphrase for key "rsa-key-20170415":  
  
Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.8.0-39-generic x86_64)  
  
* Bem-vindo ao Supercomputador de Deep Learning da Data Science Academy  
* Utilize este computador para suas atividades ao longo dos cursos da Formação Inteligência Artificial  
* Suporte:      http://www.datascienceacademy.com.br  
  
9 packages can be updated.  
0 updates are security updates.  
  
Last login: Sat Apr 15 17:02:25 2017 from 192.168.1.1  
dmatos@titan:~$
```

Referência:

https://docs.aws.amazon.com/pt_br/AWSEC2/latest/UserGuide/putty.html

Bons estudos!

Equipe DSA