



DOCUMENTAÇÃO

COMO INSTALAR O SATWEB 3.0

Instalando o SATWeb 3.0 com o instalador

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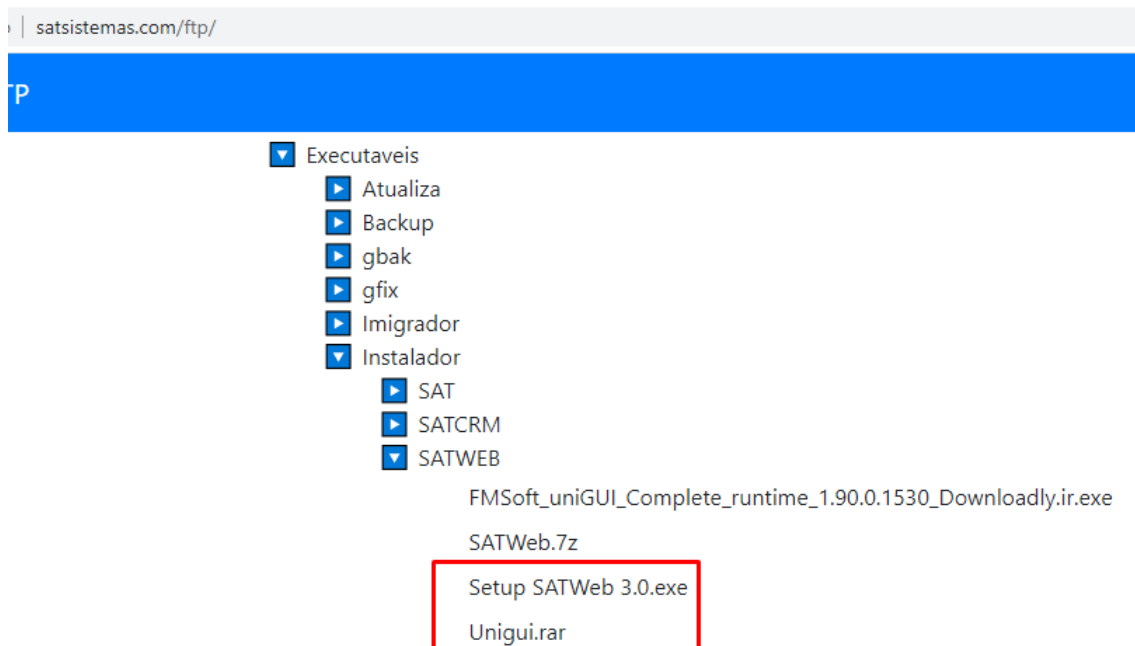
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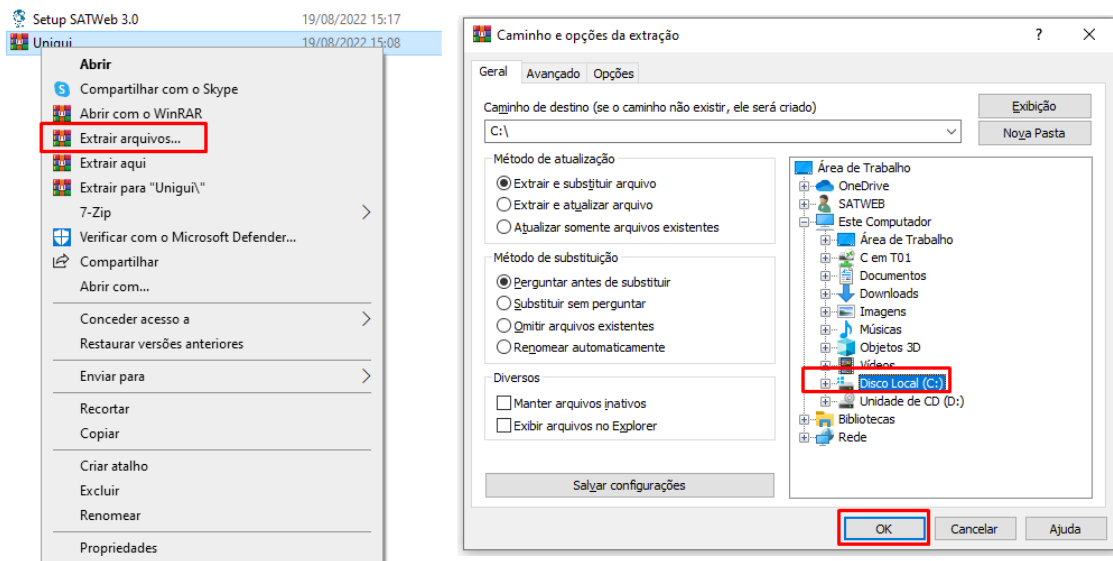
1. Instalando o SATWeb 3.0

I – Baixando Arquivos

No navegador acesse o site satsistemas.com/ftp vá na pasta Executáveis, Instalador, SATWEB e baixe os arquivos “Unigui.rar” e “Setup SATWeb 3.0.exe”.

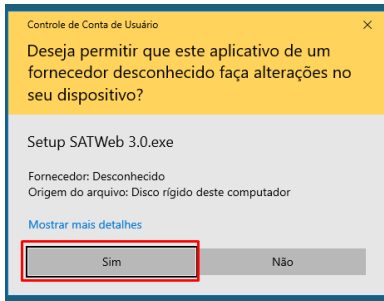


Após o download, clique com o botão direito do mouse no arquivo Unigui.rar, vá em **Extrair arquivos**, selecione “**Disco local (C:)**” do seu computador e clique em **OK**.

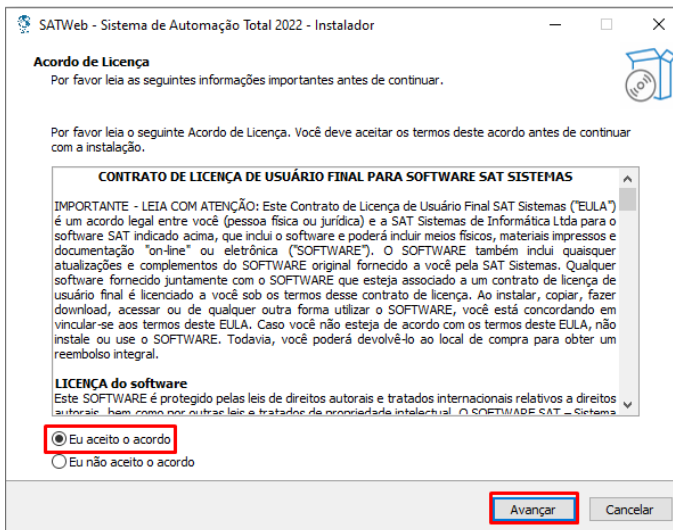


II – Executando o Setup

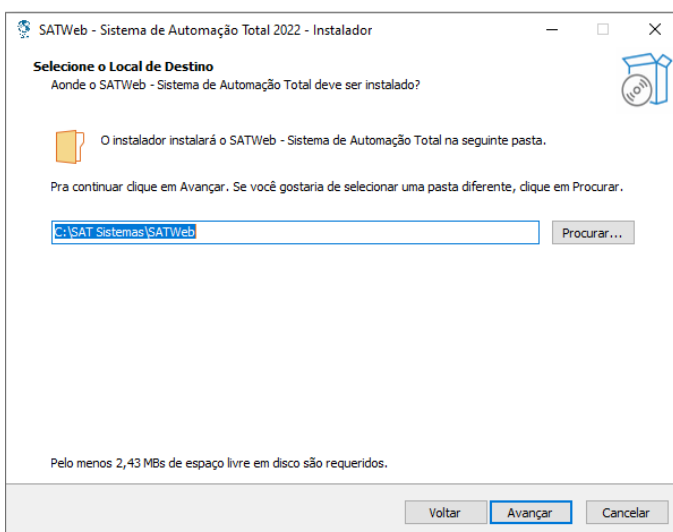
Clique duas vezes em cima do arquivo **Setup SATWeb 3.0** para executar o arquivo. Caso exiba uma mensagem de confirmação clique em **Sim** para continuar.



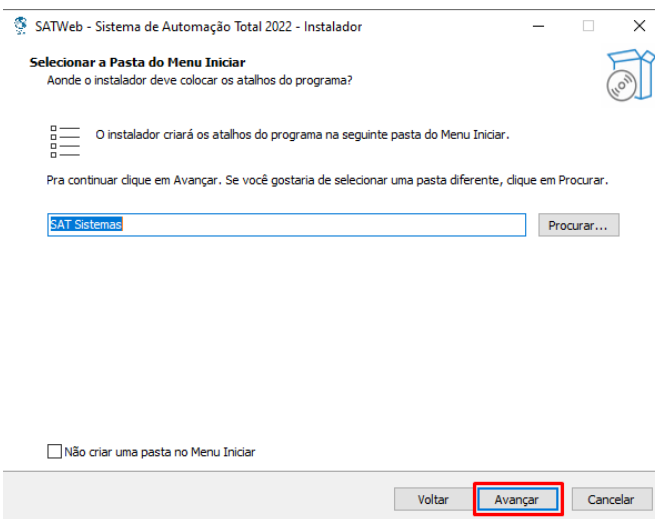
Marque a opção **“Eu aceito o acordo”** e clique em **Avançar**.



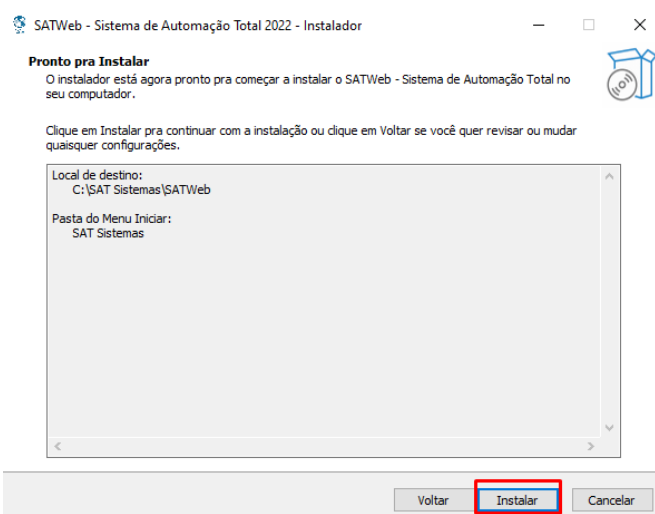
Na próxima tela clique em **Avançar**.



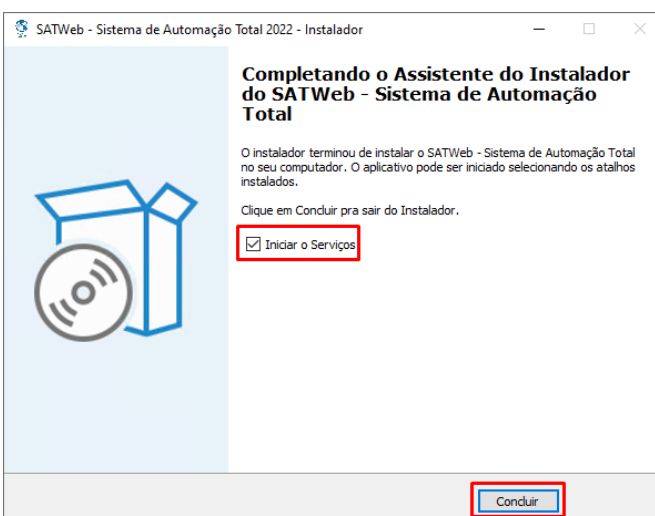
Na próxima tela clique em **Avançar**.



Na próxima tela clique em **Instalar**.

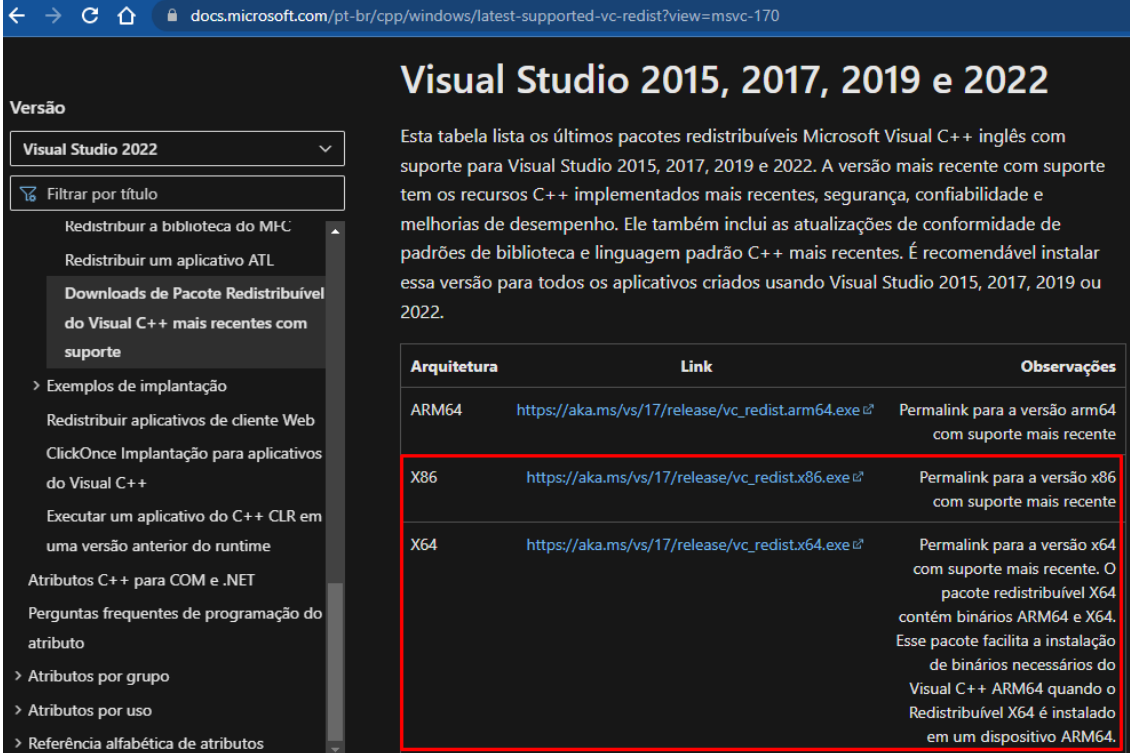


Deixe a opção **Iniciar o Serviços** marcada e clique em **Concluir**.



Aguarde os serviços iniciarem para concluir a instalação.

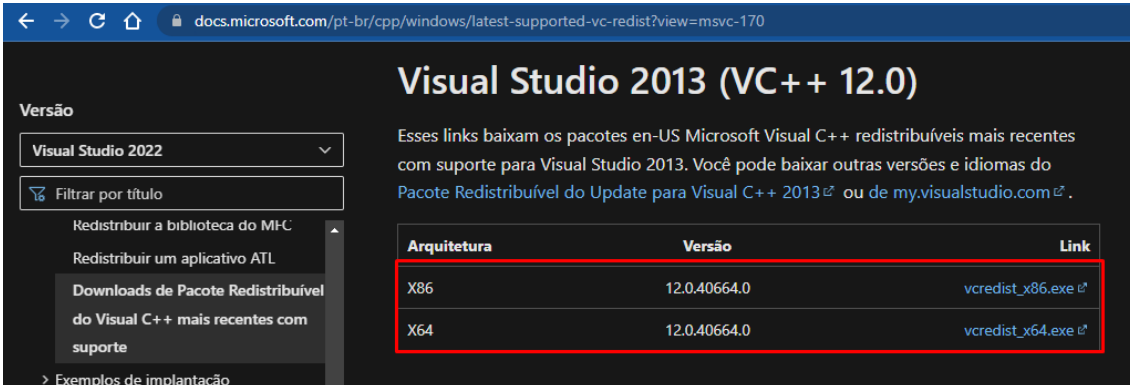
OBSERVAÇÃO: Caso o instalador não funcione, vá no site <https://docs.microsoft.com/pt-br/cpp/windows/latest-supported-vc-redist?view=msvc-170> e instale os arquivos Visual Studio. Logo após execute como administrador o “install_services” que se encontra dentro da pasta utils **C:\SAT Sistemas\SATWeb\Apache24\utils**.



Visual Studio 2015, 2017, 2019 e 2022

Esta tabela lista os últimos pacotes redistribuíveis Microsoft Visual C++ em inglês com suporte para Visual Studio 2015, 2017, 2019 e 2022. A versão mais recente com suporte tem os recursos C++ implementados mais recentes, segurança, confiabilidade e melhorias de desempenho. Ele também inclui as atualizações de conformidade de padrões de biblioteca e linguagem padrão C++ mais recentes. É recomendável instalar essa versão para todos os aplicativos criados usando Visual Studio 2015, 2017, 2019 ou 2022.

Arquitetura	Link	Observações
ARM64	https://aka.ms/vs/17/release/vc_redist.arm64.exe	Permalink para a versão arm64 com suporte mais recente
X86	https://aka.ms/vs/17/release/vc_redist.x86.exe	Permalink para a versão x86 com suporte mais recente
X64	https://aka.ms/vs/17/release/vc_redist.x64.exe	Permalink para a versão x64 com suporte mais recente. O pacote redistribuível X64 contém binários ARM64 e X64. Esse pacote facilita a instalação de binários necessários do Visual C++ ARM64 quando o Redistribuível X64 é instalado em um dispositivo ARM64.



Visual Studio 2013 (VC++ 12.0)

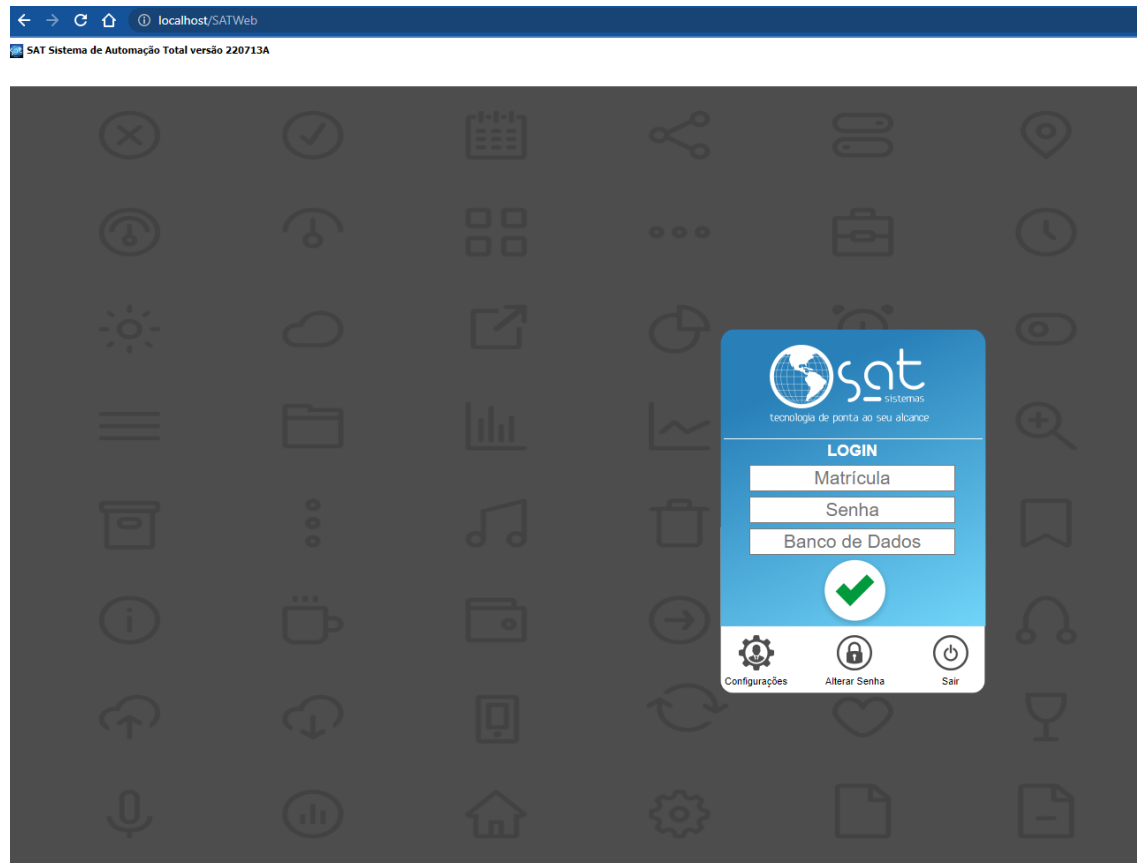
Esses links baixam os pacotes em-US Microsoft Visual C++ redistribuíveis mais recentes com suporte para Visual Studio 2013. Você pode baixar outras versões e idiomas do Pacote Redistribuível do Update para Visual C++ 2013 ou de my.visualstudio.com.

Arquitetura	Versão	Link
X86	12.0.40664.0	vcredist_x86.exe
X64	12.0.40664.0	vcredist_x64.exe

2. Inserindo o Caminho do Servidor no Satweb 3.0

I – ACESSANDO O SATWEB 3.0

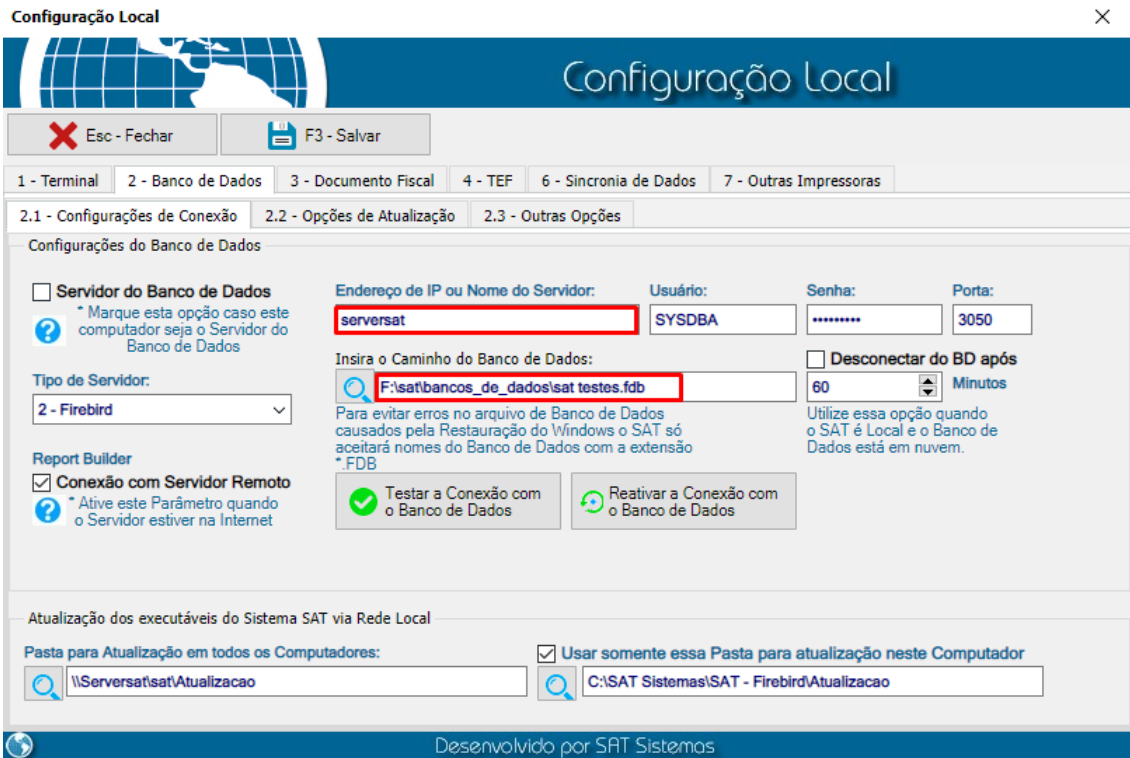
No navegador pesquise “localhost/SATWeb”.



II - INSERINDO AS INFORMAÇÕES DO SERVIDOR

Vá em configuração local e insira no endereço de IP “serversat”. No caminho do banco de dados insira “F:\sat\bancos_de_dados\sat testes.fdb”. Teste a conexão com o banco de dados e salve.

Configuração Local



Configuração Local

1 - Terminal 2 - Banco de Dados 3 - Documento Fiscal 4 - TEF 6 - Sincronia de Dados 7 - Outras Impressoras

2.1 - Configurações de Conexão 2.2 - Opções de Atualização 2.3 - Outras Opções

Configurações do Banco de Dados

Servidor do Banco de Dados
* Marque esta opção caso este computador seja o Servidor do Banco de Dados

Endereço de IP ou Nome do Servidor: Usuário: Senha: Porta:

Tipo de Servidor:

Insira o Caminho do Banco de Dados:

Desconectar do BD após Minutos

Report Builder
 Conexão com Servidor Remoto
* Ative este Parâmetro quando o Servidor estiver na Internet

Testar a Conexão com o Banco de Dados Reativar a Conexão com o Banco de Dados

Utilize essa opção quando o SAT é Local e o Banco de Dados está em nuvem.

Atualização dos executáveis do Sistema SAT via Rede Local

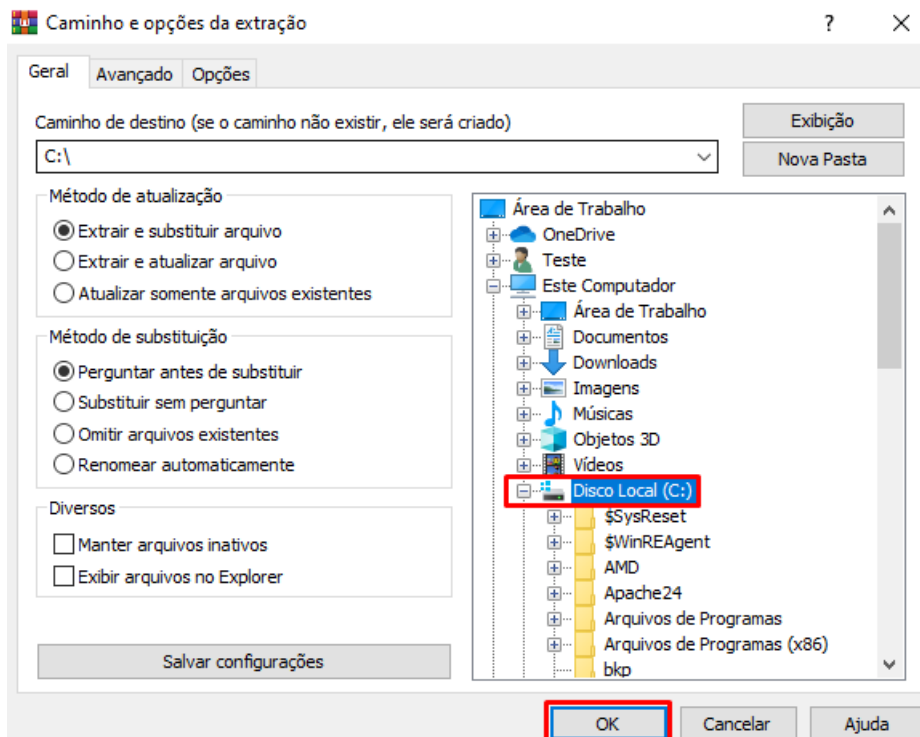
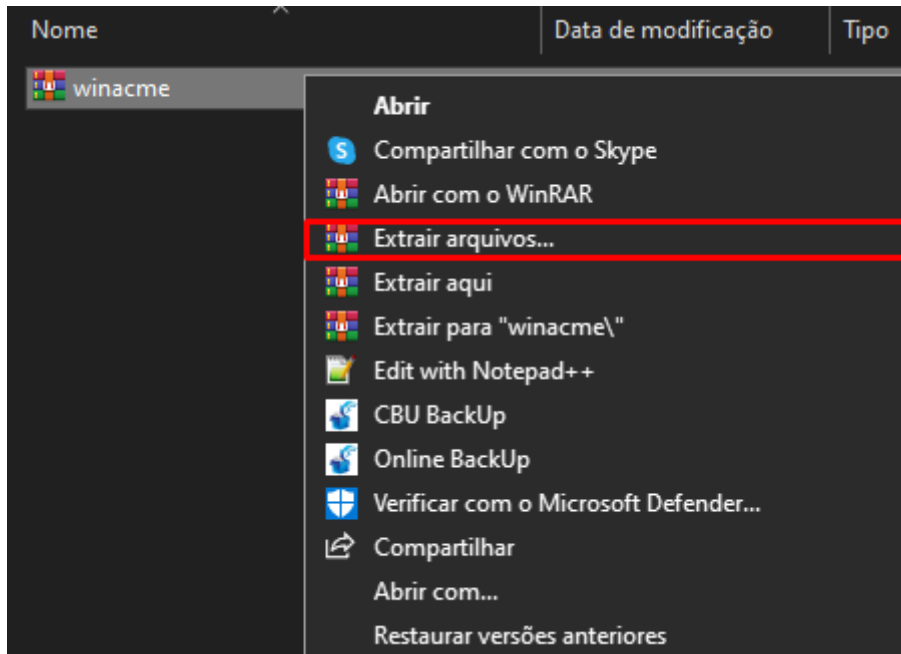
Pasta para Atualização em todos os Computadores: Usar somente essa Pasta para atualização neste Computador

Desenvolvido por SAT Sistemas

3. Gerando Certificado SSL

I - INSTALANDO O WIN-ACME

Extraia os arquivos para o Disco Local (C:)



II - CONFIGURANDO

Vá no Windows Power shell e execute o comando “cd C:\Winacme” clique em Enter e execute o comando “.\wacs.exe” clique em Enter.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos os direitos reservados.

Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\Teste> cd C:\Winacme
PS C:\Winacme> .\wacs.exe
Error creating event logger: The source was not found, but some or all event logs could not be searched. Inaccessible
logs: Security, State.

A simple Windows ACMEv2 client (WACS)
Software version 2.1.22.1289 (release, trimmed, standalone, 64-bit)
Connecting to https://acme-v02.api.letsencrypt.org/...
Connection OK!
Running without administrator credentials, some options disabled
Scheduled task not configured yet
Please report issues at https://github.com/win-acme/win-acme

N: Create certificate (default settings)
M: Create certificate (full options)
R: Run renewals (0 currently due)
A: Manage renewals (0 total)
O: More options...
Q: Quit

Please choose from the menu: _
```

Execute o comando “m” e clique em Enter.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos os direitos reservados.

Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\Teste> cd C:\Winacme
PS C:\Winacme> .\wacs.exe
Error creating event logger: The source was not found, but some or all event logs could not be searched. Inaccessible
logs: Security, State.

A simple Windows ACMEv2 client (WACS)
Software version 2.1.22.1289 (release, trimmed, standalone, 64-bit)
Connecting to https://acme-v02.api.letsencrypt.org/...
Connection OK!
Running without administrator credentials, some options disabled
Scheduled task not configured yet
Please report issues at https://github.com/win-acme/win-acme

N: Create certificate (default settings)
M: Create certificate (full options)
R: Run renewals (0 currently due)
A: Manage renewals (0 total)
O: More options...
Q: Quit

Please choose from the menu: m
Running in mode: Interactive, Advanced
Source plugin IIS not available: Run as administrator to allow access to IIS.

Please specify how the list of domain names that will be included in the
certificate should be determined. If you choose for one of the "all bindings"
options, the list will automatically be updated for future renewals to
reflect the bindings at that time.

1: Read bindings from IIS
2: Manual input
3: CSR created by another program
C: Abort

How shall we determine the domain(s) to include in the certificate?: _
```

Execute o comando “2” e clique em Enter.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos os direitos reservados.

Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\Teste> cd C:\Winacme
PS C:\Winacme> .\wacs.exe
Error creating event logger: The source was not found, but some or all event logs could not be searched. Inaccessible
logs: Security, State.

A simple Windows ACMEv2 client (WACS)
Software version 2.1.22.1289 (release, trimmed, standalone, 64-bit)
Connecting to https://acme-v02.api.letsencrypt.org/...
Connection OK!
Running without administrator credentials, some options disabled
Scheduled task not configured yet
Please report issues at https://github.com/win-acme/win-acme

N: Create certificate (default settings)
M: Create certificate (full options)
R: Run renewals (0 currently due)
A: Manage renewals (0 total)
O: More options...
Q: Quit

Please choose from the menu: m

Running in mode: Interactive, Advanced
Source plugin IIS not available: Run as administrator to allow access to IIS.

Please specify how the list of domain names that will be included in the
certificate should be determined. If you choose for one of the "all bindings"
options, the list will automatically be updated for future renewals to
reflect the bindings at that time.

1: Read bindings from IIS
2: Manual input
3: CSR created by another program
C: Abort

How shall we determine the domain(s) to include in the certificate?: 2
Description:      A host name to get a certificate for. This may be a
                  comma-separated list.

Host:
```

Digite o nome de domínio onde deseja emitir um certificado.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos os direitos reservados.

Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\Teste> cd C:\Winacme
PS C:\Winacme> .\wacs.exe
Error creating event logger: The source was not found, but some or all event logs could not be searched. Inaccessible
logs: Security, State.

A simple Windows ACMEv2 client (WACS)
Software version 2.1.22.1289 (release, trimmed, standalone, 64-bit)
Connecting to https://acme-v02.api.letsencrypt.org/...
Connection OK!
Running without administrator credentials, some options disabled
Scheduled task not configured yet
Please report issues at https://github.com/win-acme/win-acme

N: Create certificate (default settings)
M: Create certificate (full options)
R: Run renewals (0 currently due)
A: Manage renewals (0 total)
O: More options...
Q: Quit

Please choose from the menu: m

Running in mode: Interactive, Advanced
Source plugin IIS not available: Run as administrator to allow access to IIS.

Please specify how the list of domain names that will be included in the
certificate should be determined. If you choose for one of the "all bindings"
options, the list will automatically be updated for future renewals to
reflect the bindings at that time.

1: Read bindings from IIS
2: Manual input
3: CSR created by another program
C: Abort

How shall we determine the domain(s) to include in the certificate?: 2
Description:      A host name to get a certificate for. This may be a
                  comma-separated list.

Host: Satweb2.satsistemas.com
```

Ele vai pedir-lhe um nome amigável, deixe em branco e clique Enter para continuar.

```
C:\win-acme\wacs.exe
N: Create new certificate (simple for IIS)
M: Create new certificate (full options)
R: Run scheduled renewals (0 currently due)
A: Manage renewals (0 total)
O: More options...
Q: Quit

Please choose from the menu: M

Running in mode: Interactive, Advanced

Please specify how the list of domain names that will be included in the
certificate should be determined. If you choose for one of the "all bindings"
options, the list will automatically be updated for future renewals to
reflect the bindings at that time.

1: Manual input
2: CSR created by another program
C: Abort

How shall we determine the domain(s) to include in the certificate?: 1

Enter comma-separated list of host names, starting with the common name: s30426.hosted-by-snel.com

Target generated using plugin Manual: s30426.hosted-by-snel.com

Suggested friendly name '[Manual] s30426.hosted-by-snel.com', press <ENTER> to accept or type an alternative: 
```

Ele perguntará como você quer verificar se você é o proprietário desse domínio. No nosso caso, Satweb2.satsistemas.com já está apontando para o nosso servidor e está ativo no Apache. Em nossa configuração, escolhemos a opção 1.

```
C:\win-acme\wacs.exe

How shall we determine the domain(s) to include in the certificate?: 1

Enter comma-separated list of host names, starting with the common name: s30426.hosted-by-snel.com

Target generated using plugin Manual: s30426.hosted-by-snel.com

Suggested friendly name '[Manual] s30426.hosted-by-snel.com', press <ENTER> to accept or type an alternative: <Enter>

The ACME server will need to verify that you are the owner of the domain
names that you are requesting the certificate for. This happens both during
initial setup *and* for every future renewal. There are two main methods of
doing so: answering specific http requests (http-01) or create specific dns
records (dns-01). For wildcard domains the latter is the only option. Various
additional plugins are available from https://github.com/win-acme/win-acme/.

1: [http-01] Save verification files on (network) path
2: [http-01] Serve verification files from memory
3: [http-01] Upload verification files via FTP(S)
4: [http-01] Upload verification files via SSH-FTP
5: [http-01] Upload verification files via WebDav
6: [dns-01] Create verification records manually (auto-renew not possible)
7: [dns-01] Create verification records with acme-dns (https://github.com/joohoi/acme-dns)
8: [dns-01] Create verification records with your own script
9: [tls-alpn-01] Answer TLS verification request from win-acme
C: Abort

How would you like prove ownership for the domain(s) in the certificate?: 1
```

Uma vez que escolhemos o caminho da rede, ele vai nos pedir um caminho.

```

C:\Win-acme\wacs.exe
Please choose from the menu: M
[INFO] Running in mode: Interactive, Advanced
1: Manually input host names
<Enter>: Abort
Which kind of certificate would you like to create?: 1
Enter comma-separated list of host names, starting with the common name:
[INFO] Target generated using plugin Manual:
Suggested FriendlyName is "[Manual] re5al.icespy.eu", press enter to accept or type an alternative: <Enter>
1: [dns-01] CNAME the record to a server that supports the acme-dns API
2: [dns-01] Manually create record
3: [dns-01] Run script to create and update records
4: [http-01] Host the validation files from memory (recommended)
5: [http-01] Save file on local or network path
6: [http-01] Upload verification file to WebDav path
7: [http-01] Upload verification files via FTP(S)
8: [http-01] Upload verification files via SSH-FTP
C: Abort
How would you like to validate this certificate?: 5
Path to the root of the site that will handle authentication:
  
```

Ele perguntará se você deseja copiar a web.config padrão antes da validação. Nós escolhemos “N”

```

C:\Win-acme\wacs.exe
Please choose from the menu: M
[INFO] Running in mode: Interactive, Advanced
1: Manually input host names
<Enter>: Abort
Which kind of certificate would you like to create?: 1
Enter comma-separated list of host names, starting with the common name:
[INFO] Target generated using plugin Manual:
Suggested FriendlyName is "[Manual] re5al.icespy.eu", press enter to accept or type an alternative: <Enter>
1: [dns-01] CNAME the record to a server that supports the acme-dns API
2: [dns-01] Manually create record
3: [dns-01] Run script to create and update records
4: [http-01] Host the validation files from memory (recommended)
5: [http-01] Save file on local or network path
6: [http-01] Upload verification file to WebDav path
7: [http-01] Upload verification files via FTP(S)
8: [http-01] Upload verification files via SSH-FTP
C: Abort
How would you like to validate this certificate?: 5
Path to the root of the site that will handle authentication:
Copy default web.config before validation? (y/n*)
  
```

Escolheremos a opção 2 como uma chave privada.

```

C:\win-acme\wacs.exe
names that you are requesting the certificate for. This happens both during
initial setup *and* for every future renewal. There are two main methods of
doing so: answering specific http requests (http-01) or create specific dns
records (dns-01). For wildcard domains the latter is the only option. Various
additional plugins are available from https://github.com/win-acme/win-acme/.
1: [http-01] Save verification files on (network) path
2: [http-01] Serve verification files from memory
3: [http-01] Upload verification files via FTP(S)
4: [http-01] Upload verification files via SSH-FTP
5: [http-01] Upload verification files via WebDav
6: [dns-01] Create verification records manually (auto-renew not possible)
7: [dns-01] Create verification records with acme-dns (https://github.com/joohoi/acme-dns)
8: [dns-01] Create verification records with your own script
9: [tls-alpn-01] Answer TLS verification request from win-acme
C: Abort
How would you like prove ownership for the domain(s) in the certificate?: 2
After ownership of the domain(s) has been proven, we will create a
Certificate Signing Request (CSR) to obtain the actual certificate. The CSR
determines properties of the certificate like which (type of) key to use. If
you are not sure what to pick here, RSA is the safe default.
1: Elliptic Curve key
2: RSA key
What kind of private key should be used for the certificate?: 2
  
```

Já que queremos usar o certificado SSL em nosso servidor web Apache, escolheremos a opção 2 e clicamos no Enter. Uma vez que o PEM seja selecionado, ele perguntará onde armazenar esses arquivos. No nosso caso é. C:\Apache24\conf

```
C:\win-acme\wacs.exe
9: [tls-alpn-01] Answer TLS verification request from win-acme
C: Abort

How would you like prove ownership for the domain(s) in the certificate?: 2

After ownership of the domain(s) has been proven, we will create a
Certificate Signing Request (CSR) to obtain the actual certificate. The CSR
determines properties of the certificate like which (type of) key to use. If
you are not sure what to pick here, RSA is the safe default.

1: Elliptic Curve key
2: RSA key

What kind of private key should be used for the certificate?: 2

When we have the certificate, you can store in one or more ways to make it
accessible to your applications. The Windows Certificate Store is the default
location for IIS (unless you are managing a cluster of them).

1: IIS Central Certificate Store (.pfx per domain)
2: PEM encoded files (Apache, nginx, etc.)
3: Windows Certificate Store
4: No (additional) store steps
C: Abort

How would you like to store the certificate?: 2

Path to folder where .pem files are stored: C:\Apache24\conf_
```

Não queremos armazená-lo de outra forma então selecione a opção 3 e clique no Enter.

```
C:\win-acme\wacs.exe
determines properties of the certificate like which (type of) key to use. If
you are not sure what to pick here, RSA is the safe default.

1: Elliptic Curve key
2: RSA key

What kind of private key should be used for the certificate?: 2

When we have the certificate, you can store in one or more ways to make it
accessible to your applications. The Windows Certificate Store is the default
location for IIS (unless you are managing a cluster of them).

1: IIS Central Certificate Store (.pfx per domain)
2: PEM encoded files (Apache, nginx, etc.)
3: Windows Certificate Store
4: No (additional) store steps
C: Abort

How would you like to store the certificate?: 2

Path to folder where .pem files are stored: C:\Apache24\conf

1: IIS Central Certificate Store (.pfx per domain)
2: Windows Certificate Store
3: No (additional) store steps
C: Abort

Would you like to store it in another way too?: 3 _
```

Uma vez que o novo certificado é salvo, queremos realizar uma etapa extra e escolher a opção 3. Ele vai perguntar o caminho do script que você deseja executar após a renovação.

```

C:\win-acme\wacs.exe
4: No (additional) store steps
C: Abort

How would you like to store the certificate?: 2

Path to folder where .pem files are stored: C:\Apache24\conf

1: IIS Central Certificate Store (.pfx per domain)
2: Windows Certificate Store
3: No (additional) store steps
C: Abort

Would you like to store it in another way too?: 3

With the certificate saved to the store(s) of your choice, you may choose one
or more steps to update your applications, e.g. to configure the new
thumbprint, or to update bindings.

1: Create or update https bindings in IIS
2: Create or update ftps bindings in IIS
3: Start external script or program
4: No (additional) installation steps

Which installation step should run first?: 3

Full instructions: https://www.win-acme.com/reference/plugins/installation/script

Enter the path to the script that you want to run after renewal: C:\win-acme\Scripts\RestartApache.bat
  
```

Uma vez que isso seja inserido, ele perguntará onde você deseja receber notificação e preencher seu endereço de e-mail.

```

C:\win-acme\wacs.exe
1: Create or update https bindings in IIS
2: Create or update ftps bindings in IIS
3: Start external script or program
4: No (additional) installation steps

Which installation step should run first?: 3

Full instructions: https://www.win-acme.com/reference/plugins/installation/script

Enter the path to the script that you want to run after renewal: C:\win-acme\Scripts\RestartApache.bat

{CertCommonName}: Common name (primary domain name)
{CachePassword}: .pfx password
{CacheFile}: .pfx full path
{CertFriendlyName}: Certificate friendly name
{CertThumbprint}: Certificate thumbprint
{StoreType}: Type of store (CentralSsl/CertificateStore/PemFiles)
{StorePath}: Path to the store
{RenewalId}: Renewal identifier

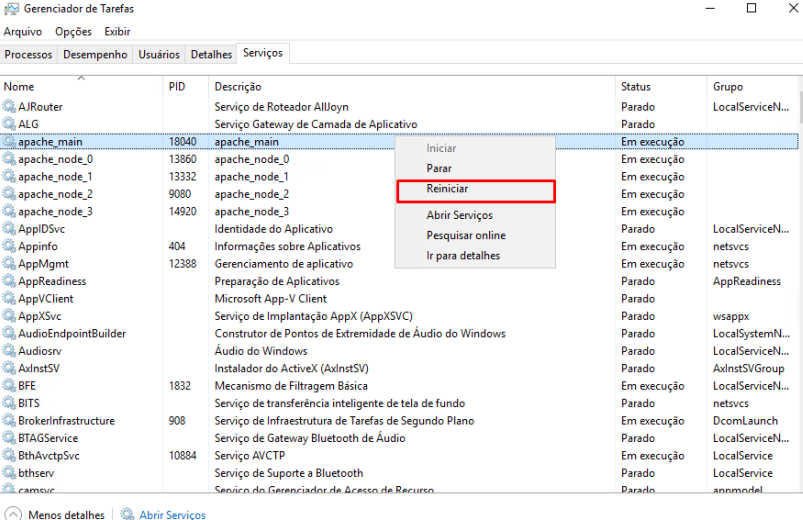
Enter the parameter format string for the script, e.g. "--hostname {CertCommonName}": {StoreType} {StorePath} {RenewalId}

Enter email(s) for notifications about problems and abuse (comma separated): snel.com

Terms of service: C:\ProgramData\win-acme\acme-v02.api.letsencrypt.org\LE-SA-v1.2-November-15-2017.pdf

Open in default application? (y/n*) _
  
```

Reinicie o "apache_main".



Gerenciador de Tarefas - Serviços

Nome	PID	Descrição	Status	Grupo
AJRouter		Serviço de Roteador Alljoyn	Parado	LocalServiceN...
ALG		Serviço Gateway de Camada de Aplicativo	Parado	
apache_main	18040	apache_main	Em execução	
apache_node_0	13860	apache_node_0	Em execução	
apache_node_1	13332	apache_node_1	Em execução	
apache_node_2	9080	apache_node_2	Em execução	
apache_node_3	14920	apache_node_3	Em execução	
AppIDSvc		Identidade do Aplicativo	Parado	LocalServiceN...
AppInfo	404	Informações sobre Aplicativos	Em execução	netsvcs
AppMgmt	12388	Gerenciamento de aplicativo	Em execução	netsvcs
AppReadiness		Preparação de Aplicativos	Parado	AppReadiness
AppVClient		Microsoft App-V Client	Parado	
AppXSvc		Serviço de Implantação AppX (AppXSVC)	Parado	wsappx
AudioEndpointBuilder		Construtor de Pontos de Extremidade de Áudio do Windows	Parado	LocalSystemN...
AudioSrv		Áudio do Windows	Parado	LocalServiceN...
AxInstSvc		Instalador do ActiveX (AxInstSV)	Parado	AxInstSVGroup
BFE	1832	Mecanismo de Filtragem Básica	Em execução	LocalServiceN...
BITS		Serviço de transferência inteligente de tela de fundo	Parado	netsvcs
BrokerInfrastructure	908	Serviço de Infraestrutura de Tarefas de Segundo Plano	Em execução	DcomLaunch
BTAGService		Serviço de Gateway Bluetooth de Áudio	Parado	LocalServiceN...
BthAvctpSvc	10884	Serviço AVCTP	Em execução	LocalService
bthserv		Serviço de Suporte a Bluetooth	Parado	LocalService
camsvr		Serviço do Gerenciador de Acesso de Recurso...	Parado	anonmodel