

Szyfrowanie symetryczne polega na używaniu tego samego klucza do szyfrowania i odszyfrowania danych.

GET

http://127.0.0.1:5000/generate_symmetric_key

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

This request does not have a body

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 4 ms

Size: 226 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

1

{

2

"secret_key": "4kQ/41cc/c/pYw2qoAvZeVaPrk1ZNJs1feFpXPbx93w="

3

}

POST

http://127.0.0.1:5000/encrypt_symmetric

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{

2

"message": "Hello, world!",

3

"secret_key": "4kQ/41cc/c/pYw2qoAvZeVaPrk1ZNJs1feFpXPbx93w="

4

}

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 10 ms

Size: 206 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

1

{

2

"ciphertext": "fASEgT1wiB7fPq4CFDCzew=="

3

}

POST

http://127.0.0.1:5000/decrypt_symmetric

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{

2

"ciphertext": "fASEgT1wiB7fPq4CFDCzew==",

3

"secret_key": "4kQ/41cc/c/pYw2qoAvZeVaPrk1ZNJs1feFpXPbx93w="

4

}

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 4 ms

Size: 192 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

1

{

2

"message": "Hello, world!"

3

}

Szyfrowanie asymetryczne polega na używaniu dwóch kluczy: klucza publicznego do szyfrowania danych i klucza prywatnego do odszyfrowania danych.

GET

http://127.0.0.1:5000/generate_asymmetric_keys

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

<input type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input type="checkbox"/>					
	Key	Value	Description		

Body

Cookies

Headers (5)

Test Results

Status: 200 OK Time: 1144 ms Size: 2.97 KB Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "private_key":
    "LS0tLS1CRUdJTSB0eUEgUUFJVVJkFURSBLRVktLS0tLQpNSU1FcEFjQ3FBS0NBUEUybmU1eGpScFurdUw5Y2Ewbn09a2J0N2M2Z2RHck0zS0UvcSE5LdnpGcS91MTNFTHU5Cnp3WENaUnpwZ1JPS3ND5jNURVJhR0FvamhzS29YVW4zdkZkUUM3RE1xV
    k1tQXhiwMhzaVWmektbBkNUZ2ppSnYkdjNzc1lhcEN4VE5PZkRsREZhbkxVTvd30HRxZTFWMU9laDRRZHZNzG3e1szRzBwejlPc1o1TlhHeGh5MhLwdQp1z0lJewG5N0SyMEZia3cwQ2xUzmlYnNfVbkl3SudLY2RtL3hiQjhoUjhjRjNCZ1hMwJj
    hZVRudwZBbnppdE5jCjFjeJN0SEJoaUczenVKMXRkVmtt5jBcE0BrSW95cXl0TUs4U2gzrVWZwMG10UUt1RWZiMjV1ZV4QVBCQmVsa0IKSVZVU09TzHfUXdjZ3N6UwGwMk5xb0NPTk9VVDJqbGRWdjZwcVFJREFRQUJ3Bb0lCUJjCjWdLMegYQU08V
    Upz0Ao2U1BPcHI3Z2Y3Uth3RWpEWwphdm9TQTRYanRUdjBpcFdreC9lLzBWRlNOMjF1VkpPbGl1eURkYUe4QU9kM2lRCl4YMDZmNTEWUkpzdTnmcVp50TlWGFvZ1NkWXZSa1hFOWNjT2ZsVVAyYzRKS08EwUyVskd1T21vYzRvUmRjSisKMFB5RnR
    VMWVbc3dTL2VVcXdsVlU1MkFtU3BheTlXS1JzSGxGU1oyVnBEBuY5cUzCMnA0WDA4cXpnbYtERHp2bwpXzZMxY1NuVGwvcEFDM28waJkwGntU1dzYzFTc1BZcFFJenNMExmbTmrcW9W2JYMHdqMwJzbTl2Q0s0HDWcklBMTJ5YUFzU2w4MDRhc
    m9Kv1BknK9a0YxcGhq0G41eHNocmmwXRYSHhdmprMEZaWkU0ckdmRGzRWpY1QKcThU0UdTRUNnUWBMKv6LzFMQTNyQwh2YjZGYzQvMStkdWpEunB6dw36dWwEhVWU5b1N4WHFPSTl1dFayRwo1N1BsTGoirbkFIRnF3RmpjYmJYU14Yz1
    yTG1PY2tVOV3pY1h6clDUBHixMndL1KppdkN1Mw1yanZrWStDT3ExCjhmRw1nRn1pR0NRuzRPM0VPYm9j3pZMVpKedw0UGI0WVdsdDZ1ImFVTnVsEiYsVhpS2x6bGtDZ1lFQStHVXAKaHU2UmttSUNvdl1c2J4REpzU2F0MET2R1VHZFRF08VU
    mVnSc9FZXJFRVZwJWJ3SnPwa0dXTzYzV2Mvd3J5dGpWZExsVTNDL2pNFFHclpJaV1nYjc2MEh2Um1QSkGwM1E5a0pMkdWNU1uaXJETFpCS1JlMFhLRG1zKzhWvJRCVjZTd0owd3pTzVzVrM1l6U1g3ZnZDaGd2WgdNYKjvbWVEVUtzEwESRUNnWUJ
    RWE10TUpUqMnQRE1TM5QbH3QLzQKYrtCaGN0c1B1dw9Vv1daL1p0dGUSVv34UVNvRVk1RmtzcHkZ23lHcgjZURBVURjYmYvRkY1eHRlS0JM08RNNQp4aUusyQ1JaUmtoRDE0RE1qc09w5lH3ZEM0VndZK2dNaG5UwWR5TpxjaFVLU1dTUm5nak16b
    kdkWct6MVVX0hNCjUxd1RXMjRjRenhdn0vWp1R0lIK1F1QmdRRGduV0F0e1gwZzdocGRJehUzNHhxd1NqakRwc1lRe1Y2UC80eFUKeUNJZUJUNKowYzAxMwtMn255Zy9SK0liendncFDnZ1p0V1dzcT4UUVBwGhZdDBGRVhmQ1FEZ1VSy0tWSEN
    5YgpYUzNycklIR0huZGfAqz3xNvPHQ2RidY9rR1Z0a2NiU3ZSTGxNW1Lbm1HMJ1LTlF0dEtn0VfXakRUR3Z30Tc4CnQrd1g0UUtCZ1FDMVdkt3pRb1d4ZEhPM1ZiVjdFmNbyWmMruEpuGUTHidnU0dVdMcFF3R09GYTZFc21adE40b2MkaH30bVtWZ
    D0vTjV6VmFqV2hXVhLUrEpBZG1VWV6aHJGZUJ2RkFBVV1uNmduZ1d0TDJHNC91eU08d0t4MS9yeQpmNwEwc1BrWm13R0lKNFZIRmNkXzJtaG10bz1v0HdYrJdaTWJ0T0ThMajNpcD32Mz1I2Nsv03c9PQotLS0tLUVORCBSU0EgUFJJVkJkFURSBLRVk
    tLS0tLQ==",
3   "public_key":
    "LS0tLS1CRUdJTSB0eUJMSUMgS0VZLS0tLS0tLQk1qU5CZ2txaGtpRz13MEJBUUVGUQFPQ0R0EFNSU1CQ2dLQ0FRRUdwdT4a1JwVSt1TD1jYTBvT3ZrYgp0N2M2Z2RHck0zS0UvcSE5LdnpGcS91MTNFTHU5endYQ1pSenBnUk9Lc0NKM1RFU
    mFHQW9qaHNLb1hhbjN2RmRRCKM3RE1xVklTQXhiwMhzaVWmektbBkNUZ2ppSnZ2M3NzWfWq3hUTk9mRgxErmFaTFVNV3c4dHF1MVYxTzVoNFEKZHZNzG3e1szRzBwejlPc1o1TlhHeGh5MhLwdJnsU15aDk3TnIwRhkdz8B0fRmaVg2cW9uSXd
    JR0tjZG0vApeIqjhoUjhjRjNCZ1hMwJj3hZVRudwZBbnppdE5jMwN6M0NIqmhRyT6dUoxdEpwa21KMEJ4MGtJb3l1eXRNShZTCmgzVMZwMG10UUt1RWZiMjV1ZV4QVBCQmVsa0JJV1SBTRPOEVRD2Nnc3pRa0A2TnFvQ890T1VUMmpsZFZ2NnAKc
    VFJREFRQUIKLS0tLS1FTkQgUUVCTE1DIEtFWS0tLS0t"
4 }
```

POST

http://127.0.0.1:5000/encrypt_asymmetric

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Body

Cookies

Headers (5)

Test Results

Status: 200 OK Time: 9 ms Size: 527 B Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "message": "Hello, world!",
3   "public_key":
    "LS0tLS1CRUdJTSB0eUJMSUMgS0VZLS0tLS0tLQk1qU5CZ2txaGtpRz13MEJBUUVGUQFPQ0R0EFNSU1CQ2dLQ0FRRUdwdT4a1JwVSt1TD1jYTBvT3ZrYgp0N2M2Z2RHck0zS0UvcSE5LdnpGcS91MTNFTHU5endYQ1pSenBnUk9Lc0NKM1RFU
    mFHQW9qaHNLb1hhbjN2RmRRCKM3RE1xVklTQXhiwMhzaVWmektbBkNUZ2ppSnZ2M3NzWfWq3hUTk9mRgxErmFaTFVNV3c4dHF1MVYxTzVoNFEKZHZNzG3e1szRzBwejlPc1o1TlhHeGh5MhLwdJnsU15aDk3TnIwRhkdz8B0fRmaVg2cW9uSXd
    JR0tjZG0vApeIqjhoUjhjRjNCZ1hMwJj3hZVRudwZBbnppdE5jMwN6M0NIqmhRyT6dUoxdEpwa21KMEJ4MGtJb3l1eXRNShZTCmgzVMZwMG10UUt1RWZiMjV1ZV4QVBCQmVsa0JJV1SBTRPOEVRD2Nnc3pRa0A2TnFvQ890T1VUMmpsZFZ2NnAKc
    VFJREFRQUIKLS0tLS1FTkQgUUVCTE1DIEtFWS0tLS0t"
4 }
```

POST

http://127.0.0.1:5000/decrypt_asymmetric

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Body

Cookies

Headers (5)

Test Results

Status: 200 OK Time: 50 ms Size: 192 B Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "ciphertext": "tokmxr3bzxFEZRpJCzh1526p28V2QI/C1uWUECqQXq+mRSZ1pgI8lk0ATUJANf7xLnfQ80LYgR9atg0n/nsokSDFFI7M0/IIG4M/9f6gudgyXQf2W0tCNBH/rktJq44XdmT96TKG2MeAhzM9+D5z24AM66+qU0MgYKk1TvNCXDNv/
    YL130DjMwBPeRlKBr0uws4QzrVuAR30WnD57WDHJ/IyxkJLBUSrcUREoan3xcnYqV/Y0iYJ9b//6wEiooXZT46o5RnFivz8a01huY6ap52WC2WVFgVa1S1I8yiqs/bFDQgsgfkenAsEwUdyzFcNXJPBY0FFE1ZE0b5Dkhlg==",
3   "private_key":
    "LS0tLS1CRUdJTSB0eUEgUUFJVVJkFURSBLRVktLS0tLQpNSU1FcEFjQ3FBS0NBUEUybmU1eGpScFurdUw5Y2Ewbn09a2J0N2M2Z2RHck0zS0UvcSE5LdnpGcS91MTNFTHU5Cnp3WENaUnpwZ1JPS3ND5jNURVJhR0FvamhzS29YVW4zdkZkUUM3RE1xV
    k1tQXhiwMhzaVWmektbBkNUZ2ppSnYkdjNzc1lhcEN4VE5PZkRsREZhbkxVTvd30HRxZTFWMU9laDRRZHZNzG3e1szRzBwejlPc1o1TlhHeGh5MhLwdQp1z0lJewG5N0SyMEZia3cwQ2xUzmlYnNfVbkl3SudLY2RtL3hiQjhoUjhjRjNCZ1hMwJj
    hZVRudwZBbnppdE5jCjFjeJN0SEJoaUczenVKMXRkVmtt5jBcE0BrSW95cXl0TUs4U2gzrVWZwMG10UUt1RWZiMjV1ZV4QVBCQmVsa0IKSVZVU09TzHfUXdjZ3N6UwGwMk5xb0NPTk9VVDJqbGRWdjZwcVFJREFRQUJ3Bb0lCUJjCjWdLMegYQU08V
    Upz0Ao2U1BPcHI3Z2Y3Uth3RWpEWwphdm9TQTRYanRUdjBpcFdreC9lLzBWRlNOMjF1VkpPbGl1eURkYUe4QU9kM2lRCl4YMDZmNTEWUkpzdTnmcVp50TlWGFvZ1NkWXZSa1hFOWNjT2ZsVVAyYzRKS08EwUyVskd1T21vYzRvUmRjSisKMFB5RnR
    VMWVbc3dTL2VVcXdsVlU1MkFtU3BheTlXS1JzSGxGU1oyVnBEBuY5cUzCMnA0WDA4cXpnbYtERHp2bwpXzZMxY1NuVGwvcEFDM28waJkwGntU1dzYzFTc1BZcFFJenNMExmbTmrcW9W2JYMHdqMwJzbTl2Q0s0HDWcklBMTJ5YUFzU2w4MDRhc
    m9Kv1BknK9a0YxcGhq0G41eHNocmmwXRYSHhdmprMEZaWkU0ckdmRGzRWpY1QKcThU0UdTRUNnUWBMKv6LzFMQTNyQwh2YjZGYzQvMStkdWpEunB6dw36dWwEhVWU5b1N4WHFPSTl1dFayRwo1N1BsTGoirbkFIRnF3RmpjYmJYU14Yz1
    yTG1PY2tVOV3pY1h6clDUBHixMndL1KppdkN1Mw1yanZrWStDT3ExCjhmRw1nRn1pR0NRuzRPM0VPYm9j3pZMVpKedw0UGI0WVdsdDZ1ImFVTnVsEiYsVhpS2x6bGtDZ1lFQStHVXAKaHU2UmttSUNvdl1c2J4REpzU2F0MET2R1VHZFRF08VU
    mVnSc9FZXJFRVZwJWJ3SnPwa0dXTzYzV2Mvd3J5dGpWZExsVTNDL2pNFFHclpJaV1nYjc2MEh2Um1QSkGwM1E5a0pMkdWNU1uaXJETFpCS1JlMFhLRG1zKzhWvJRCVjZTd0owd3pTzVzVrM1l6U1g3ZnZDaGd2WgdNYKjvbWVEVUtzEwESRUNnWUJ
    RWE10TUpUqMnQRE1TM5QbH3QLzQKYrtCaGN0c1B1dw9Vv1daL1p0dGUSVv34UVNvRVk1RmtzcHkZ23lHcgjZURBVURjYmYvRkY1eHRlS0JM08RNNQp4aUusyQ1JaUmtoRDE0RE1qc09w5lH3ZEM0VndZK2dNaG5UwWR5TpxjaFVLU1dTUm5nak16b
    kdkWct6MVVX0hNCjUxd1RXMjRjRenhdn0vWp1R0lIK1F1QmdRRGduV0F0e1gwZzdocGRJehUzNHhxd1NqakRwc1lRe1Y2UC80eFUKeUNJZUJUNKowYzAxMwtMn255Zy9SK0liendncFDnZ1p0V1dzcT4UUVBwGhZdDBGRVhmQ1FEZ1VSy0tWSEN
    5YgpYUzNycklIR0huZGfAqz3xNvPHQ2RidY9rR1Z0a2NiU3ZSTGxNW1Lbm1HMJ1LTlF0dEtn0VfXakRUR3Z30Tc4CnQrd1g0UUtCZ1FDMVdkt3pRb1d4ZEhPM1ZiVjdFmNbyWmMruEpuGUTHidnU0dVdMcFF3R09GYTZFc21adE40b2MkaH30bVtWZ
    D0vTjV6VmFqV2hXVhLUrEpBZG1VWV6aHJGZUJ2RkFBVV1uNmduZ1d0TDJHNC91eU08d0t4MS9yeQpmNwEwc1BrWm13R0lKNFZIRmNkXzJtaG10bz1v0HdYrJdaTWJ0T0ThMajNpcD32Mz1I2Nsv03c9PQotLS0tLUVORCBSU0EgUFJJVkJkFURSBLRVk
    tLS0tLQ==",
4 }
```

Body

Cookies

Headers (5)

Test Results

Status: 200 OK Time: 50 ms Size: 192 B Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "message": "Hello, world!"
3 }
```