0x0a ip

```
1 \qquad ((2(5[0-5]|[0-4]\backslash d))|[0-1]?\backslash d\{1,2\})(\backslash.((2(5[0-5]|[0-4]\backslash d))|[0-1]?\backslash d\{1,2\}))\{3\}
```

0x02 IP:port

```
1 ((2(5[0-5]|[0-4]\d))|[0-1]?\d{1,2})(\.((2(5[0-5]|[0-4]\d))|[0-1]?\d{1,2})){3}
(:\d{0,5})
```

0x03 Url

```
1 http[s]?://(?:[a-zA-Z]|[0-9]|[$-_@.&+]|[!*\(\),]|(?:%[0-9a-fA-F][0-9a-fA-F]))+
```

• 0x04 提取信息

```
"ip": `\d+\.\d+\.\d+\.\d+`,

domain": `(([a-zA-Z0-9]([a-zA-Z0-9\-]{0,61}[a-zA-Z0-9])?\.)+[a-zA-Z]{2,6})
    (:\d{1,5})?`,

phone": `(13[0-9]|14[5|7]|15[^4]|17[6-9]|18[0-9])\\d{8}`,

"mail": `\w+([-+.]\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*`,
```

• 0x05 非字符外符号

```
1 [^a-zA-Z0-9\s]
```

• 0x06 中文字

```
>unicode

>>6.2-7.0 \u4e00 - \u9fcc

>

>>8.0-9.0 \u4e00 - \u9fd5

>

>>10.0 \u4e00 - \u9fea

>

>>11.0-12.1 \4e00 - \u9fef
```

```
>>13.0 \4e00 - \u9ffc
>
>>14.0-15.0 \4e00 - \u9fff
```

• 0x07 万能中文匹配 (部分生效)

```
1 /\p{sc=Han}/gu
```

• 0x08 中文匹配

```
1 /[\u4e00-\u9fff]/g
```

- 2 [\u4e00-\u9fff]
- 0x09 有用
 - 1 [$^\chi 00 \chi ff$]
- 0x10 内网ip
 - ^(10.\d{1,3}.\d{1,3}.((0/([89]|1[0-9]|2\d|3[012]))|(\d{1,3})))|(172. (1[6789]|2\d|3[01]).\d{1,3}.\d{1,3}(/(1[6789]|2\d|3[012]))?)| (192.168.\d{1,3}.\d{1,3}(/(1[6789]|2\d|3[012]))?)\$
- 0x11 github泄露chatgpt的apikey
 - 1 /"sk-[a-zA-Z0-9]{20,50}"/ language:Shell
- 0x12 基本解读
- ^ 匹配输入字符串的开始位置
- \$ 匹配输入字符串的结束位置
- |或者的意思
- ?i 不区分大小写
- . 任意的意思

• 0x13 正则 -按行去重

#使用notepad 匹配新行+循环+正则+全部替换=按行去重

1 ^(.*?)\$\s+?^(?=.*^\1\$)

• 0x14 php正则,匹配php中的调用过程

这个正则表达式的意思是:

->: 匹配以 -> 开始的字符串。

\w+: 匹配一个或多个单词字符(包括字母、数字和下划线)。

(): 匹配括号的内容。

(: 匹配一个右括号。

这个正则表达式可以用来搜索以 -> 开始, 中间是任意字符或数字, 结尾是 (的字符串

进阶:

在搜索调用的基础上,查找(内第一个参数为\$的部分

$1 \rightarrow \w+(\(\\)$

• 0x15 php正则, 匹配一个函数,内置变量(残缺-勉强能用)

1 get_policy\((.*?)\\$

这个正则表达式的意思是:

get_policy: 匹配 get_policy 这个字符串。

(: 匹配一个左括号。

*?: 匹配任意字符(包括空格、逗号、分号等), 非贪婪模式, 尽可能少匹配字符。

\$: 匹配一个右括号。

这个正则表达式可以用来搜索以 get_policy(开头,中间是任意字符,结尾是 \$ 的字符串。

• 0x16 php 提取接口参数拼接

```
1 \/(.*?).php\?
```

- \/ 匹配/路径起始
- (.*?) 匹配任意字符
- .php 匹配后缀
- \? 匹配一个?结束

• 0x17 github泄露的正则

```
"Database Connection(数据库连接)": "(?i)(database)",
  "Username Label (用户名) ": "(?i)username\\s*",
  "Password Label (密码) ": "(?i)password\\s*",
  "Slack Token (SlackToken凭证) ": "(xox[p|b|o|a]-[0-9]{12}-[0-9]{12}-[0-9]
{12}-[a-z0-9]{32})",
  "RSA private key (RSA私钥)": "----BEGIN RSA PRIVATE KEY----",
  "SSH (OPENSSH) private key (OpenSSH私钥)": "----BEGIN OPENSSH PRIVATE KEY-
  "SSH (DSA) private key (DSA私钥)": "----BEGIN DSA PRIVATE KEY----",
  "SSH (EC) private key (EC私钥) ": "----BEGIN EC PRIVATE KEY----",
  "PGP private key block (PGP私钥)": "----BEGIN PGP PRIVATE KEY BLOCK----",
  "Facebook Oauth (FaceBook登录) ": "[f|F][a|A][c|C][e|E][b|B][o|O][o|O][k|K].
{0,30}['\"\s][0-9a-f]{32}['\"\s]",
  "Twitter Oauth (推特登录) ": "[t|T][w|W][i|I][t|T][t|T][e|E][r|R].{0,30}
['\"\s][0-9a-zA-Z]{35,44}['\"\s]",
  "GitHub (github标签) ": "[g|G][i|I][t|T][h|H][u|U][b|B].*['|\"][0-9a-zA-Z]
{35,40}['|\"]",
 "GitHub Other (github标签) ": "[g|G][i|I][t|T][h|H][u|U][b|B].{0,30}['\"\\s]
[0-9a-zA-Z]{35,40}['\"\s]",
  "Google Oauth": "(\"client_secret\":\"[a-zA-Z0-9-_]{24}\")",
  "AWS API Key": "AKIA[0-9A-Z]{16}",
  "Heroku API key": "(?i)heroku(.\{0,20\})?[0-9a-f]\{8\}-[0-9a-f]\{4\}-[0-9a-f]
{4}-[0-9a-f]{12}",
  "Heroku API Key Other": [h][e][r][r][0][k][u][0].\{0,30\}[0-9A-F]\{8\}-
[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{12}",
  "Generic API Key (APIkey标签) ": "[a|A][p|P][i|I][_]?[k|K][e|E][y|Y].*['|\"]
[0-9a-zA-Z]{32,45}['|\"]",
  "Generic API Key Other": [a|A][p|P][i|I][_]?[k|K][e|E][y|Y].\{0,30\}
['\"\s][0-9a-zA-Z]{32,45}['\"\s]",
  "Slack Webhook": "https://hooks.slack.com/services/T[a-zA-Z0-9_]{8}/B[a-
zA-Z0-9_{[a-zA-Z0-9_{[24}]},
  "Slack Webhook Other": "https://hooks.slack.com/services/T[a-zA-Z0-9_]
\{8\}/B[a-zA-Z0-9_]\{8\}/[a-zA-Z0-9_]\{24\}",
  "Google (GCP) Service-account": "\"type\": \"service_account\"",
  "SlackInternal": "slack-corp",
```

```
"Cloudinary": "cloudinary://.*",
  "Firebase URL": ".*firebaseio\\.com",
  "Amazon AWS Access Key ID": "AKIA[0-9A-Z]{16}",
  "Amazon MWS Auth Token": "amzn\\.mws\\.[0-9a-f]\{8\}-[0-9a-f]\{4\}-[0-9a-f]
{4}-[0-9a-f]{4}-[0-9a-f]{12}",
  "Facebook Access Token": "EAACEdEose0cBA[0-9A-Za-z]+",
  "Facebook OAuth": "[f|F][a|A][c|C][e|E][b|B][o|O][o|O][k|K].*['|\"][0-9a-
f]{32}['|\"]",
  "Google API Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google Cloud Platform API Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google Cloud Platform OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Google Drive API Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google Drive OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Google Gmail API Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google Gmail OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Google OAuth Access Token": "ya29\\.[0-9A-Za-z\\-_]+",
  "Google YouTube API Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google YouTube OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Heroku API Key": "[h|H][e|E][r|R][o|0][k|K][u|U].*[0-9A-F]{8}-[0-9A-F]
{4}-[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{12}",
  "MailChimp API Key": "[0-9a-f]{32}-us[0-9]{1,2}",
  "Mailgun API Key": "key-[0-9a-zA-Z]{32}",
  "Password in URL": [a-zA-Z]{3,10}://[^/\s:@]{3,20}:[^/\s:@]{3,20}@.
{1,100}[\"'\\s]",
  "PayPal Braintree Access Token": "access_token\\$production\\$[0-9a-z]
\{16\}\\[0-9a-f]\{32\}",
  "Picatic API Key": "sk_live_[0-9a-z]{32}",
  "Stripe API Key": "sk_live_[0-9a-zA-Z]{24}",
  "Stripe Restricted API Key": "rk_live_[0-9a-zA-Z]{24}",
  "Square Access Token": sq0atp-[0-9A-Za-z]{22}",
  "Square OAuth Secret": sq0csp-[0-9A-Za-z]{43}",
  "Twilio API Key": "SK[a-z0-9]{32}",
  "Twilio API key Other": "(?i)twilio(.{0,20})?SK[0-9a-f]{32}",
  "Twilio API Key Other 2": "SK[0-9a-fA-F]{32}",
  "Twitter Access Token": [[t|T][w|W][i|I][t|T][t|T][e|E][r|R].*[1-9][0-9]+-
[0-9a-zA-Z]{40}",
  "Twitter OAuth": "[t|T][w|W][i|I][t|T][t|T][e|E][r|R].*['|\"][0-9a-zA-Z]
{35,44}['|\"]",
  "google_api": "AIza[0-9A-Za-z-_]{35}",
  "google_captcha": "6L[0-9A-Za-z-]{38}|^{6}[0-9a-zA-Z-]{39}$",
  "google_oauth": "ya29\\.[0-9A-Za-z\\\-_]+",
  "amazon_aws_access_key_id": "A[SK]IA[0-9A-Z]{16}",
  "amazon_mws_auth_toke": "amzn\\.mws\\.[0-9a-f]\{8\}-[0-9a-f]\{4\}-[0-9a-f]\{4\}-
[0-9a-f]{4}-[0-9a-f]{12}",
  "amazon_aws_url": "s3\\.amazonaws.com[/]+|[a-zA-Z0-
9_-]*\\.s3\\.amazonaws.com",
  "facebook_access_token": "EAACEdEose0cBA[0-9A-Za-z]+",
  "authorization_basic": "basic\s*[a-zA-Z0-9=:\_\\+\\/-]+",
```

```
"authorization_beare": "bearer\\s*[a-zA-Z0-9_\\-\\ \bullet=:_\\+\\/]+",
  "authorization_api": "api[key|\\s*]+[a-zA-Z0-9_\\-]+",
  "mailgun_api_key": "key-[0-9a-zA-Z]{32}",
  "twilio_api_key": "SK[0-9a-fA-F]{32}",
  "twilio_account_sid": "AC[a-zA-Z0-9_\\-]{32}",
  "twilio_app_sid": "AP[a-zA-Z0-9_\\-]{32}",
  "paypal_braintree_access_token": "access_token\\$production\\$[0-9a-z]
{16}\\[0-9a-f]{32}",
  "square_oauth_secret": "sq0csp-[ 0-9A-Za-z\\-_]{43}|sq0[a-z]{3}-[0-9A-Za-
z = [22,43]",
  "square_access_token": "sq0atp-[0-9A-Za-z\\-_]{22}|EAAA[a-zA-Z0-9]{60}",
  "stripe_standard_api": "sk_live_[0-9a-zA-Z]{24}",
  "stripe_restricted_api": "rk_live_[0-9a-zA-Z]{24}",
  "github_access_token": "[a-zA-Z0-9_-]*:[a-zA-Z0-9_\\-]+@github\\.com*",
  "rsa_private_key": "----BEGIN RSA PRIVATE KEY----",
  "ssh_dsa_private_key": "----BEGIN DSA PRIVATE KEY----",
  "ssh_dc_private_key": "----BEGIN EC PRIVATE KEY----",
  "pgp_private_block": "----BEGIN PGP PRIVATE KEY BLOCK----",
  "json_web_token": "ey[A-Za-z0-9-_=]+\\.[A-Za-z0-9-_=]+\\.?[A-Za-z0-9-
_.+/=]*$",
  "artifactory_api_token": "(?:\s\models |:|\"|^)AKC[a-zA-Z0-9]{10,}",
  "artifactory_password": "(?:\s\models|:|\"|^)AP[\dABCDEF][a-zA-Z0-9]{8,}",
  "AWS_Client_ID": "(A3T[A-Z0-9]|AKIA|AGPA|AIDA|AROA|AIPA|ANPA|ANVA|ASIA)[A-
Z0-9]{16}",
  "Amazon_AWS_Secret_Access_Key": "[\\s][a-zA-Z0-9]{40}[\\s]",
  "Facebook_OAuth": "[f|F][a|A][c|C][e|E][b|B][o|0][o|0][k|K].*['|\"][0-9a-
f]{32}['|\"]",
  "Generic_API_Key": "[a|A][p|P][i|I][_]?[k|K][e|E][y|Y].*['|\"][0-9a-zA-Z]
{32,45}['|\"]",
  "Generic Secret": "[s|S][e|E][c|C][r|R][e|E][t|T].{0,30}['\"\\s][0-9a-zA-
Z]{32,45}['\"\s]",
  "Generic Secret Other": [s][e][c][r][e][e][t][t].*['][0-9a-zA-Z]
{32,45}['|\"]",
  "GitLab_PAT": "(\_\vdash?)([t|T][o|0][k|K][e|E][n|N])(:\models|)(.{0,3})(\S{20})
(.?)(\n|\r|\n\r|\$)",
  "Google_(GCP)_Service-account": "\"type\": \"service_account\"",
  "Google_Cloud_Platform_API_Key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google_Cloud_Platform_OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Google_Drive_OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Google_YouTube_OAuth": "[0-9]+-[0-9A-Za-z_]
{32}\\.apps\\.googleusercontent\\.com",
  "Heroku_API_Key": "[h|H][e|E][r|R][o|0][k|K][u|U].*[0-9A-F]{8}-[0-9A-F]
{4}-[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{\overline{12}}
  "MailChimp_API_Key": "[0-9a-f]{32}-us[0-9]{1,2}",
  "Password_in_URL": "[a-zA-Z]{3,10}://[^/\\s:@]{3,20}:[^/\\s:@]{3,20}@.
{1,100}[\"'\\s]",
  "Picatic_API_Key": "sk_live_[0-9a-z]{32}",
  "Send_Grid_API": "SG\\.[a-zA-Z0-9]{22}\\.[a-zA-Z0-9]{43}",
  "Slack_Token": "xox[baprs]-([0-9a-zA-Z]{10,48})?",
```

```
"Slack_Webhook": "https://hooks.slack.com/services/T[a-zA-Z0-9_]{8}/B[a-
zA-Z0-9 ]{8}/[a-zA-Z0-9 ]{24}",
  "Twitter_Access_Token": "[t|T][w|W][i|I][t|T][t|T][e|E][r|R].*[1-9][0-9]+-
[0-9a-zA-Z]{40}",
  "Twitter_OAuth": "[t|T][w|W][i|I][t|T][t|T][e|E][r|R].*['|\"][0-9a-zA-Z]
{35,44}['|\"]",
  "Cloudinary_Basic_Auth": "cloudinary:\\/\\/[0-9]{15}:[0-9A-Za-z]+@[a-z]+",
  "MD5_Hash": "[a-f0-9]{32}",
  "AWS Access Key": "(A3T[A-Z0-9]|AKIA|AGPA|AIDA|AROA|AIPA|ANPA|ANVA|ASIA)
[A-Z0-9]{16}",
  "AWS Secret Key": "(?i)aws(.{0,20})?(?-i)['\"][0-9a-zA-Z\\/+]{40}['\"]",
  "AWS MWS key": \frac{1}{4}-[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]
\{4\}-[0-9a-f]\{12\}".
  "Facebook Secret Key": "(?i)(facebook|fb)(.{0,20})?(?-i)['\"][0-9a-f]{32}
['\"]",
  "Facebook Client ID": "(?i)(facebook|fb)(.{0,20})?['\"][0-9]{13,17}['\"]",
  "Twitter Secret Key": "(?i)twitter(.{0,20})?['\"][0-9a-z]{35,44}['\"]",
  "Twitter Client ID": "(?i)twitter(.{0,20})?['\"][0-9a-z]{18,25}['\"]",
  "Github Personal Access Token": "ghp_[0-9a-zA-Z]{36}",
  "Github OAuth Access Token": "gho_[0-9a-zA-Z]{36}",
  "Github App Token": "(ghu|ghs)_[0-9a-zA-Z]{36}",
  "Github Refresh Token": "ghr_[0-9a-zA-Z]{76}",
  "LinkedIn Client ID": "(?i)linkedin(.{0,20})?(?-i)[0-9a-z]{12}",
  "LinkedIn Secret Key": "(?i)linkedin(.{0,20})?[0-9a-z]{16}",
  "Slack": "xox[baprs]-([0-9a-zA-Z]{10,48})?",
  "Asymmetric Private Key": "----BEGIN ((EC|PGP|DSA|RSA|OPENSSH) )?PRIVATE
KEY( BLOCK)?----",
  "Google API key": "AIza[0-9A-Za-z\\-_]{35}",
  "Google (GCP) Service Account": "\"type\": \"service_account\"",
  "MailChimp API key": "(?i)(mailchimp|mc)(.{0,20})?[0-9a-f]{32}-us[0-9]
{1,2}",
  "Mailgun API key": "((?i)(mailgun|mg)(.{0,20})?)?key-[0-9a-z]{32}",
  "PayPal Braintree access token": "access_token\\$production\\$[0-9a-z]
\{16\}\setminus \sqrt{\frac{9a-f}{32}}
  "Picatic API key": "sk_live_[0-9a-z]{32}",
  "SendGrid API Key": "SG\\.[\\w_]\{16,32\}\\.[\\w_]\{16,64\}",
  "Stripe API key": "(?i)stripe(.{0,20})?[sr]k_live_[0-9a-zA-Z]{24}",
  "Square access token": sq0atp-[0-9A-Za-z]{22}",
  "Square OAuth secret": "sq0csp-[0-9A-Za-z]- ]{43}",
  "Dynatrace ttoken": "dt0[a-zA-Z]{1}[0-9]{2}\\.[A-Z0-9]{24}\\.[A-Z0-9]
{64}",
  "Shopify shared secret": "shpss_[a-fA-F0-9]{32}",
  "Shopify access token": "shpat_[a-fA-F0-9]{32}",
  "Shopify custom app access token": "shpca_[a-fA-F0-9]{32}",
  "Shopify private app access token": "shppa_[a-fA-F0-9]{32}",
  "PyPI upload token": "pypi-AgEIcHlwaS5vcmc[A-Za-z0-9-_]{50,1000}",
  "Mailgun Private Key": "key-[0-9a-zA-Z]{32}",
  "Slack API token": "(xox[p|b|o|a]-[0-9]{12}-[0-9]{12}-[0-9]{12}-[a-z0-9]
{32})",
  "GitHub Access Token": "[a-zA-Z0-9_-]*:[a-zĀ-Z0-9_-]+@github√.com*",
  "Stripe Restricted API Token": "rk_live_[0-9a-zA-Z]{24}",
  "Stripe Standard API Token": "sk_live_[0-9a-zA-Z]{24}",
```

```
"PayPal/Braintree Access Token": "access_token\\$production\\$[0-9a-z]
\{16\}\\[0-9a-f]\{32\}".
  "Google OAuth Access Key": "ya29\\.[0-9A-Za-z\\-_]+",
  "StackHawk API Key": "hawk\\.[0-9A-Za-z\\-_]{20}\\.[0-9A-Za-z\\-_]{20}",
  "NuGet API Key": "oy2[a-z0-9]{43}",
  "SendGrid Token": "SG\\.[0-9A-Za-z\-]{22}\\.[0-9A-Za-z-]{43}",
  "Google Cloud Platfor API Key": "[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]
{12}",
  "Zoho Webhook Token": "https://creator\\.zoho\\.com/api/[A-Za-z0-9/\\-
-\.]+\\?authtoken=[A-Za-z0-9]+",
  "Zapier Webhook": "https://(?:www.)?hooks\\.zapier\\.com/hooks/catch/[A-
Za-z0-9]+/[A-Za-z0-9]+/",
  "New Relic Admin API Key": "NRAA-[a-f0-9]{27}",
  "New Relic Insights Key": "NRI(?:I|Q)-[A-Za-z0-9\\-_]{32}",
  "New Relic REST API Key": "NRRA-[a-f0-9]{42}",
  "New Relic Synthetics Location Key": "NRSP-[a-z]{2}[0-9]{2}[a-f0-9]{31}",
  "Microsoft Teams Webhook": "https://outlook\\.office\\.com/webhook/[A-Za-
z0-9\=0]+/IncomingWebhook/[A-Za-z0-9\-]+/[A-Za-z0-9\\-]+",
  "Google FCM Server Key": "AAAA[a-zA-Z0-9_-]{7}:[a-zA-Z0-9_-]{140}",
  "Google Calendar URI": "https://www\\.google\\.com/calendar/embed\\?src=
[A-Za-z0-9\%08;=\\-_\\./]+",
  "Discord Webhook": "https://discordapp\\.com/api/webhooks/[0-9]+/[A-Za-z0-
9-_]+",
  "Cloudinary Credentials": "cloudinary://[0-9]+:[A-Za-z0-9-_.]+@[A-Za-z0-9-
  "Bitly Secret Key": "R_[0-9a-f]{32}",
  "Amazon SNS Topic": "arn:aws:sns:[a-z0-9-]+:[0-9]+:[A-Za-z0-9-_]+",
  "PyPI Upload Token": "pypi-AgEIcHlwaS5vcmc[A-Za-z0-9-_]{50,1000}",
  "Shopify Private App Access Token": "shppa_[a-fA-F0-9]{32}",
  "Shopify Custom App Access Token": "shpca_[a-fA-F0-9]{32}",
  "Shopify Access Token": "shpat_[a-fA-F0-9]{32}",
  "Shopify Shared Secret": "shpss_[a-fA-F0-9]{32}",
  "Dynatrace Token": "dt0[a-zA-Z]{1}[0-9]{2}\\.[A-Z0-9]{24}\\.[A-Z0-9]{64}"
```