



## 汎用 API

汎用設定のクエリには、クエリ文字列の一部として **configure** リソース名が含まれます。設定情報の取得 (GET) と、設定データの変更 (POST、DELETE) を実行できます。

概要	GET /wsa/api/v2.0/configure/system/smtp POST /wsa/api/v2.0/configure/system/smtp PUT /wsa/api/v2.0/configure/system/smtp DELETE /wsa/api/v2.0/configure/system/smtp
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。
要求ヘッダー	Host、Accept、Authorization
応答ヘッダー	Content-Type、Content-Length、Connection

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## SMTP リレーホストの詳細の取得

### サンプル リクエスト

```
GET /wsa/api/v2.0/configure/system/smtp
HTTP/1.1
Content-Type: application/json
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.24.1
Accept: */*
Cache-Control: no-cache
Postman-Token: 4dd1c428-a4b7-4df9-94d7-7e29e4e0dd2d
Host: 10.8.159.34:6080
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Tue, 12 May 2020 06:10:34 GMT
Content-type: application/json
Content-Length: 129
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"res_data": {"routing_table": "Management", "relay_hosts": []},
"res_message": "Data received successfully.", "res_code": "200"}
```

## 新しい SMTP リレーホストの追加

### サンプル リクエスト

```
POST /wsa/api/v2.0/configure/system/smtp
HTTP/1.1
Content-Type: application/json
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.24.1
Accept: */*
Cache-Control: no-cache
Postman-Token: 30ad35bc-253d-4787-8e18-4cdfa3ff3d1f
Host: 10.8.159.34:6080
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Content-Length: 549
```

```
{
  "routing_table": "management",
  "relay_hosts": [
    {
      "host": "191.10.55.255"
    }
  ],
}
```

```
{
  {
    "host": "10.10.55.8",
    "port": "3"
  },
  {
    "host": "google1.com",
    "port": "13"
  },
  {
    "host": "ggtalk.com",
    "port": "11"
  },
  {
    "host": "google.com",
    "port": "35"
  },
  {
    "host": "google.com",
    "port": "37"
  }
}
]
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Tue, 12 May 2020 07:08:30 GMT
Content-type: application/json
Content-Length: 215
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"res_data": {"add_failure": [], "add_success": ["10.10.55.8:3", "191.10.55.255:25",
"ggtalk.com:11", "google1.com:13", "google.com:37", "google.com:35"]},
"res_message": "Success:6, Failure: 0.", "res_code": "201"}
```

## SMTP リレーホストの詳細の変更

### サンプルリクエスト

```
PUT /wsa/api/v2.0/configure/system/smtp
HTTP/1.1
Content-Type: application/json
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.24.1
Accept: */*
Cache-Control: no-cache
Postman-Token: 8c18cbba-8ff3-4993-a5f3-5562fd854fde
Host: 10.8.159.34:6080
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Content-Length: 537

{
  "routing_table": "management",
  "relay_hosts": [
    {
      "old_host": "google.com",
```

```

        "old_port": "35",
        "new_host": "google.com",
        "new_port": "37"
      },
      {
        "old_host": "ggtalk.com",
        "old_port": "11",
        "new_host": "10.10.194.12",
        "new_port": "23"
      },
      {
        "old_host": "10.10.194.12",
        "old_port": "28",
        "new_host": "10.10.194.12",
        "new_port": "27"
      }
    ]
  }
}

```

### サンプル応答

```

HTTP/1.1 200 OK
Date: Tue, 12 May 2020 07:09:47 GMT
Content-type: application/json
Content-Length: 450
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"res_data": {"update_success": [{"relay_host_old": "ggtalk.com:11",
"relay_host_new": "10.10.194.12:23"}], "update_failure": [{"relay_host_old":
"google.com:35", "relay_host_new": "google.com:37", "err_message":
"Given new host or port is already exist."}, {"relay_host_old":
"10.10.194.12:28", "relay_host_new": "10.10.194.12:27", "err_message":
"Given old host or port is not found."}], "res_message": "Success:1,
Failure: 2.", "res_code": "201"}

```

## 複数の SMTP リレーホストの削除

### サンプルリクエスト

```

DELETE /wsa/api/v2.0/configure/system/smtp
HTTP/1.1
Content-Type: application/json
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.24.1
Accept: */*
Cache-Control: no-cache
Postman-Token: 282c385c-1804-4cd7-be25-5b62a923e175
Host: 10.8.159.34:6080
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Content-Length: 132

[
  {
    "host": "10.10.194.12",
    "port": "23"
  },
]

```

```
{
  "host": "google.com",
  "port": "37"
}
]
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Tue, 12 May 2020 07:14:00 GMT
Content-type: application/json
Content-Length: 150
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"res_data": {"delete_success": ["10.10.194.12:23", "google.com:37"],
"delete_failure": []}, "res_message": "Success:2,
Failure:0", "res_code": "200"}
```

## すべての SMTP リレーホストの削除

### サンプル リクエスト

```
DELETE /wsa/api/v2.0/configure/system/smtp HTTP/1.1
Content-Type: application/json
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.24.1
Accept: */*
Cache-Control: no-cache
Postman-Token: c1514e19-b401-499d-9b29-47ada4f6981e
Host: 10.8.159.34:6080
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Content-Length: 22

{
  "delete_all":true
}
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Tue, 12 May 2020 07:35:12 GMT
Content-type: application/json
Content-Length: 68
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"res_message": "Successfully deleted all hosts", "res_code": "200"}
```

## ユーザー ロールにアクセス可能な API の取得

現在ログイン中のユーザーが利用可能な API のリストを取得することができます。

概要	GET /api/v2.0/login/privileges
要求ヘッダー	Host、Accept、Authorization
応答ヘッダー	Content-Type、Content-Length、Connection

### サンプル リクエスト

```
GET /wsa/api/v2.0/login/privileges HTTP/1.1
cache-control: no-cache
Postman-Token: 0cd8d318-e29b-40e0-bdc8-473f09cbd2b2
Authorization: Basic YWRtaW46aXJvbnBvcnQ=
User-Agent: PostmanRuntime/7.6.0
Accept: */*
Host: pod1224-wsa04.ibwsa.sgg.cisco.com:6080
accept-encoding: gzip, deflate
Connection: keep-alive
```

### サンプル 応答

```
HTTP/1.1 200 OK
Date: Sat, 11 Apr 2020 07:35:16 GMT
Content-type: application/json
Content-Length: 2342
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{"data": ["w_preferences_preferences", "w_config_user_dashboard", "w_config_cpu_threshold",
"w_config_memory_threshold", "config_detail", "w_reporting_web_webcat_detail",
"w_reporting_web_ytcat_detail", "w_reporting_domains", "w_reporting_web_user_detail",
"w_reporting_web_application_type_detail", "w_reporting_web_malware_category",
"w_reporting_web_user_by_traffic_monitor", "w_reporting_web_amp_detail_by_filename",
"w_reporting_web_wbrs_score_detail",
"w_reporting_web_malware_name_malware_category_detail",
"w_reporting_web_application_name_application_type_detail", "w_reporting_web_port_detail",

"w_reporting_web_host_by_traffic_monitor", "w_reporting_web_amp_summary",
"w_reporting_web_amp_detail_summary", "w_reporting_web_amp_file_analysis_by_filename",
"w_reporting_web_wbrs_threat_type_detail", "w_reporting_users_by_app_type",
"w_reporting_web_socks_destinations", "w_reporting_web_user_application_detail",
"w_reporting_web_socks_users", "w_reporting_users_by_category",
"w_reporting_web_services_summary",
"w_reporting_web_application_type_application_name_detail",
"w_reporting_web_user_webcat_detail",
"w_reporting_web_user_amp_detail",
"w_reporting_web_user_malware_name_malware_category_detail",
"w_reporting_policy_by_user", "w_reporting_web_malware_category_malware_name_detail",
"w_reporting_web_users_by_sha_detail",
"w_reporting_web_malware_category_malware_name_user_detail",
"w_reporting_web_filenames_by_sha", "w_reporting_web_amp_reputation_update",
"w_reporting_users_by_app", "w_reporting_web_application_name_detail",
```

```
"w_reporting_web_application_name_application_behavior_detail",
"w_reporting_web_transaction",
"w_reporting_web_transaction_type", "w_reporting_web_cipher_detail_client",
"w_reporting_web_cipher_detail_server", "w_reporting_web_reporting_system",
"w_percent_cpu_utilized",
"w_percent_ram_utilized", "w_percent_disk_utilized", "w_system_uptime", "w_alerts",
"w_disk_usage",
"w_raid_status", "w_proxy_cpu_usage", "w_proxy_disk_io_util", "w_proxy_status",
"w_high_availability",
"w_proxy_traffic_characteristics", "w_system_cpu_usage", "w_system_memory_usage",
"w_bandwidth",
"w_rps", "w_cpu_usage_by_function", "w_server_connection", "w_client_connection",
"w_bandwidth_count",
"w_rps_count", "w_decryption_count", "w_services", "w_web_tracking_web_transaction",
"ctr_token",
"ctr_client_info"]}
```

## SecureX ファイルの取得

登録ユーザーの詳細を取得できます。

概要	GET /wsa/api/v2.0/ctr/user_info	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、登録ユーザーのユーザー情報を取得するクエリの例を示します。

#### サンプル リクエスト

```
GET/wsa/api/v2.0/ctr/user_info
```

```
HTTP/1.1
```

#### サンプル応答

```
HTTP/1.1
```

```
Response
```

```
HTTP/1.1 200 OK
```

```
Date: Thu, 25 Mar 2021 07:48:19 GMT
```

```
Content-type: application/json
```

```
Content-Length: 92
```

```
Connection: close
```

```
Access-Control-Allow-Origin: *
```

```
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
```





要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、SecureX の登録ユーザーの詳細を変更する例を示します。

### サンプル リクエスト

```
PUT /wsa/api/v2.0/ctr/user_info
```

```
HTTP/1.1
```

### サンプル応答

```
HTTP/1.1 200 OK
```

```
Date: Thu, 25 Mar 2021 07:48:19 GMT
```

```
Content-type: application/json
```

```
Content-Length: 92
```

```
Connection: close
```

```
Access-Control-Allow-Origin: *
```

```
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
```

```
Access-Control-Allow-Credentials: true
```

```
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
```

```
Access-Control-Expose-Headers: Content-Disposition, jwtToken
```

```
{
  "data": {
    "client_id": "Y2xpZW50LWY2NzQzNjdlLTJhOTMtNDI3Yy05MGVmLWJjZmFhMGVky2RjNA==",
    "client_secret": "QmlHbG1peFlENXNzQWVkb0R1NFprSTdzaDVGaVc5OEJMYVhEWkcydlBtWWJnR3Bud0pVZUF3",
    "server": "YXBqYw=="
  }
}
```

## SecureX のユーザー情報詳細の追加

SecureX のユーザー情報の詳細を追加できます。この操作で SecureX リボンにログインできません。

概要	POST /wsa/api/v2.0/ctr/user_info	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

## 例

次に、ユーザー情報を作成する例を示します。

### サンプル リクエスト

HTTP/1.1

```
{
  "data": {
    "client_id": "Y2xpZW50LWY2NzQzNjdlLTJhOTMtNDI3Yy05MGVmLWJjZmFhMGVky2RjNA==",
    "client_secret": "MFVTTs05cERieVh0RDF5RGE2dzZvMnlJTWtwNkZ1eFU2YnJIY1VkcWlwdzZ0M1pNMTVVGnN",
    "server": "YXBqYw=="
  }
}
```

### サンプル応答

HTTP/1.1 200 OK

```
Date: Thu, 25 Mar 2021 07:32:19 GMT
Content-type: application/json
Content-Length: 32
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken
OK
```

## 認証設定の取得

Secure Web Appliance の現在の認証関連の設定に関する基本情報を取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/generic_resources/auth_settings	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

## 例

次に、デバイスの認証設定を取得するクエリの例を示します。

### サンプル リクエスト

```
GET /wsa/api/v3.0/generic_resources/auth_settings
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q2lzY28xMjMk
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 1339
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken
```

```
{
  "header_based_auth": "disable",
  "realms": [
    {
      "schemes": [
        "Basic"
      ],
      "type": "LDAP",
      "name": "AuthLDAP",
      "supportes_tui": false
    },
    {
      "schemes": [
        "Basic"
      ],
      "type": "LDAP",
      "name": "AuthLDAPTUI",
      "supportes_tui": true
    },
    {
      "schemes": [
        "Kerberos",
        "NTLMSSP",
        "Basic",
        "Header"
      ],
      "type": "AD",
      "name": "AuthADTUI",
      "supportes_tui": true
    },
    {
      "schemes": [
        "Kerberos",
        "NTLMSSP",
        "Basic",
        "Header"
      ],
      "type": "AD",
      "name": "AuthAD",
      "supportes_tui": false
    }
  ],
  "sequences": [
    {
      "schemes": [
        "NTLMSSP",
```

```

        "Basic",
        "Header",
        "Kerberos"
    ],
    "name": "All Realms"
  },
  {
    "schemes": [
      "Basic",
      "Header",
      "Kerberos"
    ],
    "name": "myAuthSequence"
  }
]
}

```

## ユーザーエージェントの取得

Secure Web Appliance によって認識される、許可されたすべてのユーザーエージェントを取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/generic_resources/user_agents	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、デバイスによって認識されるすべてのユーザーエージェントを取得するクエリの例を示します。

#### サンプル リクエスト

```

GET /wsa/api/v3.0/generic_resources/user_agents
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q21zY28xMjMk

```

#### サンプル応答

```

HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 616
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email

```

```

Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{
  "user_agents": [
    "Chrome/48",
    "windows_updater",
    "Firefox/40",
    "Firefox/41",
    "Firefox/42",
    "Firefox/43",
    "Chrome/45",
    "Chrome/46",
    "Chrome/47",
    "Chrome",
    "Safari",
    "adobe_updater",
    "MSIE",
    "Safari/5",
    "Safari/4",
    "Safari/7",
    "Safari/6",
    "Opera",
    "Safari/9",
    "Safari/8",
    "MSIE/11",
    "MSIE/10",
    "Firefox",
    "MSIE/9",
    "MSIE/8",
    "Opera/33",
    "Opera/32",
    "Opera/35",
    "Opera/34"
  ]
}

```

## URL カテゴリの取得

Cisco Secure Web Appliance によって定義された、許可されたすべての URL カテゴリを取得できます。この API には、いくつかのユーザー定義のカテゴリも含まれています。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/generic_resources/url_categories	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

## 例

次に、デバイスで設定されているすべての URL カテゴリ（事前定義およびカスタム）を取得するクエリの例を示します。

## サンプル リクエスト

```
GET /wsa/api/v3.0/generic_resources/url_categories
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q2lzMjY28xMjMk
```

## サンプル応答

```
HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 2316
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken
```

```
{
  "predefined": [
    "Adult",
    "Advertisements",
    "Alcohol",
    "Arts",
    "Astrology",
    "Auctions",
    "Business and Industry",
    "Chat and Instant Messaging",
    "Cheating and Plagiarism",
    "Child Abuse Content",
    "Computer Security",
    "Computers and Internet",
    "DIY Projects",
    "Dating",
    "Digital Postcards",
    "Dining and Drinking",
    "Dynamic and Residential",
    "Education",
    "Entertainment",
    "Extreme",
    "Fashion",
    "File Transfer Services",
    "Filter Avoidance",
    "Finance",
    "Freeware and Shareware",
    "Gambling",
    "Games",
    "Government and Law",
    "Hacking",
    "Hate Speech",
    "Health and Nutrition",
    "Humor",
    "Hunting",
    "Illegal Activities",
    "Illegal Downloads",
    "Illegal Drugs",
```

```
    "Infrastructure and Content Delivery Networks",
    "Internet Telephony",
    "Job Search",
    "Lingerie and Swimsuits",
    "Lotteries",
    "Military",
    "Mobile Phones",
    "Nature",
    "News",
    "Non-governmental Organizations",
    "Non-sexual Nudity",
    "Online Communities",
    "Online Meetings",
    "Online Storage and Backup",
    "Online Trading",
    "Organizational Email",
    "Paranormal",
    "Parked Domains",
    "Peer File Transfer",
    "Personal Sites",
    "Personal VPN",
    "Photo Search and Images",
    "Politics",
    "Pornography",
    "Professional Networking",
    "Real Estate",
    "Reference",
    "Religion",
    "SaaS and B2B",
    "Safe for Kids",
    "Science and Technology",
    "Search Engines and Portals",
    "Sex Education",
    "Shopping",
    "Social Networking",
    "Social Science",
    "Society and Culture",
    "Software Updates",
    "Sports and Recreation",
    "Streaming Audio",
    "Streaming Video",
    "Tobacco",
    "Transportation",
    "Travel",
    "Weapons",
    "Web Hosting",
    "Web Page Translation",
    "Web-based Email"
  ],
  "custom": [
    "mycategory",
    "mycategoryo365"
  ]
}
```

## 時間範囲の取得

Secure Web Appliance で設定されている時間範囲のリストを取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/web_security/time_ranges	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

## 例

次に、デバイスの設定された時間範囲を取得するクエリの例を示します。

### サンプル リクエスト

```
GET /wsa/api/v3.0/web_security/time_ranges
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q2lzY28xMjMk
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 971
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken
```

```
{
  "time_ranges": [
    {
      "time_values": [
        {
          "time_of_day": "all_day",
          "valid_days": [
            "Saturday",
            "Friday",
            "Thursday",
            "Monday",
            "Tuesday",
            "Wednesday"
          ]
        }
      ],
      "name": "TestTimeRange",
      "time_zone": "America/Los_Angeles"
    },
    {
      "time_values": [
        {
          "time_of_day": {
```



```

        "to": "18:00",
        "from": "10:00"
      },
      "valid_days": [
        "Monday",
        "Sunday"
      ]
    }
  ],
  "name": "mytimerange",
  "time_zone": "Asia/Shanghai"
}
]
}

```

## クォータの取得

Secure Web Appliance で設定されているクォータのリストを取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/web_security/quotas	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、デバイスの設定されたクォータを取得するクエリの例を示します。

#### サンプル リクエスト

```

GET /wsa/api/v3.0/web_security/quotas
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q21zY28xMjMk

```

#### サンプル応答

```

HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 607
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true

```

```

Access-Control-Expose-Headers: Content-Disposition, jwtToken

{
  "quotas": [
    {
      "reset_time": "0:00",
      "volume_quota": 1073741824,
      "time_quota_secs": 0,
      "name": "myquota2",
      "time_zone": "America/Los_Angeles"
    },
    {
      "volume_quota": 0,
      "time_quota_secs": 54000,
      "name": "myquota",
      "time_range": "mytimerange"
    },
    {
      "reset_time": "0:00",
      "volume_quota": 60129542144,
      "time_quota_secs": 58560,
      "name": "myquota3",
      "time_zone": "America/Los_Angeles"
    }
  ]
}

```

## プロキシ設定の取得

Secure Web Appliance のプロキシ（Web プロキシ、SOCKS プロキシなど）関連の設定を取得できます。応答では、特定のタイプのプロキシが有効かどうかを示されます。また、透過や転送などの、プロキシのモードに関する情報も提供されます（Web プロキシにのみ適用されます）。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/generic_resources/proxy_settings	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー	Host、Accept、Authorization	
応答ヘッダー	Content-Type、Content-Length、Connection	

### 例

次に、デバイスのプロキシ（Web プロキシ、SOCKS プロキシなど）関連の設定を取得するクエリの例を示します。

### サンプル リクエスト

```

GET /wsa/api/v3.0/generic_resources/proxy_settings
HTTP/1.1
Host: wsa.example.com:6443

```

```
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q2lzY28xMjMk
```

### サンプル応答

```
HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 207
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{
  "proxy_settings": {
    "web": {
      "status": "enable",
      "mode": "transparent"
    },
    "socks": "disable",
    "https": "enable",
    "ftp": "enable"
  }
}
```

## 識別方法の取得

識別プロファイルの作成中に使用できる、許可された識別方法と許可されていない識別方法の情報を取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/generic_resources/identification_methods	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、デバイスで設定された識別方法を取得するクエリの例を示します。

### サンプル リクエスト

```
GET /wsa/api/v3.0/generic_resources/identification_methods
HTTP/1.1
Host: wsa.example.com:6443
User-Agent: curl/7.55.1
Accept: */*
Authorization: Basic YWRtaW46Q2lzY28xMjMk
```

### サンプル応答

```

HTTP/1.1 200 OK
Date: Mon, 11 Jan 2021 08:22:28 GMT
Content-type: application/json
Content-Length: 154
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Expose-Headers: Content-Disposition, jwtToken

{
  "identification_methods": {
    "tui": "disable",
    "authentication": "enable",
    "asa": "enable",
    "ise": "disable"
  }
}

```

## ADC の詳細の取得

バージョン、アプリケーション、カテゴリ、アクティビティの正規表現、アプリケーションドメインなどの ADC の詳細を取得できます。次に、構文とサポート対象の属性を示します。

概要	GET /wsa/api/v3.0/web_security/adc	
サポート対象のリソース属性	詳細については、『 <a href="#">AsyncOS API - Addendum to the Getting Started Guide for Secure Web Appliance</a> 』を参照してください。	
要求ヘッダー		Host、Accept、Authorization
応答ヘッダー		Content-Type、Content-Length、Connection

### 例

次に、デバイスで設定された識別方法を取得するクエリの例を示します。

#### サンプル リクエスト

```

GET /wsa/api/v3.0/web_security/adc
HTTP/1.1
Content-Type: application/json
Host: localhost:60001
User-Agent: curl/7.74.0
Accept: */*

```

#### サンプル応答

```

HTTP/1.1 200 OK
Server: API/2.0
Date: Thu, 21 Sep 2023 06:07:18 GMT

```

```
Content-type: application/json
Content-Length: 336888
Connection: close
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: content-type, jwttoken, mid, h, email
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, DELETE, PUT, OPTIONS
Access-Control-Expose-Headers: Content-Disposition, jwtToken
{
  "adc_version": [
    "Cisco Web Usage Controls - Application Discovery and Control Data: 1693557522
(Fri Sep 01 08:55:20 2023)"
  ],
  "adc_apps": {
    "737280": {
      "possible_action": [
        "block",
        "monitor"
      ],
      "name": "Zucks",
      "cat_name": "Ad Publishing"
    },
    "1": {
      "possible_action": [
        "block",
        "monitor"
      ],
      "name": "1&1 IONOS Web Hosting",
      "cat_name": "Hosting Services"
    },
    "540676": {
      "possible_action": [
        "block",
        "monitor"
      ],
      "name": "Webkinz",
      "cat_name": "Games"
    }
  },
  "adc_categories": {
    "Marketing & Sales": {
      "possible_action": [
        "block",
        "monitor"
      ]
    },
    "Media": {
      "possible_action": [
        "block",
        "monitor"
      ]
    },
    "Travel": {
      "possible_action": [
        "block",
        "monitor"
      ]
    },
    "Human Resources": {
      "possible_action": [
        "block",
        "monitor"
      ]
    }
  },
}
```

```

    "Service Management": {
      "possible_action": [
        "block",
        "monitor"
      ]
    }
  },
  "adc_activity_regexes": {
    "5000064": [
      "download\\.wetransfer\\.com\/.*"
    ],
    "5000065": [
      "photos\\.smugmug\\.com\/.*\/.*\/.*\/.*\/.*\/D\/.*-D\\.\\.\\.\"",
      "photos\\.smugmug\\.com\/.*\/.*\/.*\/.*\/.*\/.*\/.*D\/.*D\\.\\.\\.\"",
      "photos\\.smugmug\\.com\/photos\/.*\/.*\/.*\/.*\/.*\/D\/.*-D\\.\\.\\.\"",
      "photos\\.smugmug\\.com\/photos\/.*\/.*\/.*\/.*\/.*D\/.*D\\.\\.\\.\"",
      "secure\\.smugmug\\.com\/archive\/.*\"",
      "photos\\.smugmug\\.com\/Folder\/.*\/.*\/.*\/.*\/D\/.*-D\\.\\.\\.\"",
      "www\\.smugmug\\.com\/api\/.*\/album\/.*!download",
      "api\\.smugmug\\.com\/api\/.*\/album\/.*!download"
    ],
    "5000077": [
      "i\\.instagram\\.com\/rupload_igphoto\/.*\"",
      ".*\\.instagram\\.com\/accounts\/web_change_profile_picture",
      "i\\.instagram\\.com\/rupload_igvideo\/.*"
    ],
    "5000078": [
      "www\\.linkedin\\.cn\/dms-uploads\/.*\/profile.*uploadedImage\/.*\"",
      "www\\.linkedin\\.com\/dms-uploads\/.*\/.*"
    ],
    "5000079": [
      "upload\\.twitter\\.com\/i\/media\/upload.*\\.json"
    ]
  },
  "adc_app_domains": {
    "737280": [
      "s.side3.zucks.net",
      "zimg.jp",
      "zucks.co.jp",
      "zucks.net"
    ],
    "540676": [
      "webkinz.com"
    ],
    "438273": [
      "admin.privacy.com",
      "dashboard.privacy.com",
      "privacy.com",
      "privymktg.com"
    ],
    "11": [
      "4sharedapi.com",
      "4shared.com",
      "api.4sharedapi.com",
      "api.4shared.com",
      "e.4shared.com",
      "epomads2.4shared.com",
      "search.4shared.com",
      "static.4shared.com",
      "upload.4shared.com",
      "webdav.4shared.com"
    ],
    "901132": [
      "flowplay.com"
    ]
  }
}

```

}





## 翻訳について

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