

自定义路径前缀接入说明

私有部署-自定义路径前缀

业务场景

客户有一个主域名，所有的子产品通过路径访问，所以有数的页面地址、浏览器发起的请求路径、静态资源地址需要支持可自定义配置的路径前缀。

配置了自定义路径【DASH_PATH】后，有数BI相关的路径会加上 PUBLIC_PATH 前缀：[https://xxx.com/\\${DASH_PATH}/xxx](https://xxx.com/${DASH_PATH}/xxx)。dashPath 支持多级路径，比如 "/youshu/bi"。

示例

	未配置 DASH_PATH	DASH_PATH = "/youshu"
BI首页地址	https://demo.youdata.com/dash/home	https://demo.youdata.com/youshu/dash/home
BI登录页地址	https://demo.youdata.com/dash/login1	https://demo.youdata.com/youshu/dash/login1
数据填报页面地址	https://demo.youdata.com/survey	https://demo.youdata.com/youshu/survey
报告详情接口	GET https://demo.youdata.com/api/dash/report/get	GET https://demo.youdata.com/youshu/api/dash/report/get
静态资源	https://demo.youdata.com/dash/static/vendors~nev.6e869b6f14.js	https://demo.youdata.com/youshu/dash/static/vendors~nev.6e869b6f14.js

配置说明

环境变量

关联服务需要增加环境变量 DASH_PATH ，对应的值即用户配置的自定义路径。比如：

¹ DASH_PATH: /youdata

关联服务

- web
- Inner web

Inner web 还需要增加环境变量 IS_INNER_WEB: 'true'

- backend
- survey
 - 8.0以后版本survey
- Website
- schedule

Nginx配置

替换以下配置中 /youshu 为特定path:

```
1
2 worker_processes 2;
3 events {
4     worker_connections 65535;
5 }
6
7 http {
8     include      mime.types;
9     default_type  application/octet-stream;
10    client_max_body_size 1g;
11    sendfile      on;
12    keepalive_timeout 65;
13    proxy_read_timeout 1200s;
14    gzip on;
15    gzip_comp_level 2;
16    gzip_min_length 2k;
17    gzip_types text/css text/javascript application/javascript image/svg+xml
18    application/json;
19    gzip_vary on;
```

```
19 #隐藏版本号
20 server_tokens off;
21
22 log_format main '$remote_addr [$cookie_SESSION_YOUDATA] [$time_local] "$request"
    $status "$http_referer" $request_time $upstream_response_time';
23 access_log /access.log main;
24
25 server {
26     listen 443;
27     rewrite ^(.*)$ http://$host$1 permanent;
28 }
29
30 server {
31     listen 8010;
32     location / {
33         proxy_pass http://backend:8010;
34     }
35 }
36
37 upstream store {
38     server store:9090;
39 }
40
41 server {
42     listen 9090;
43     location / {
44         proxy_set_header Host $http_host;
45         proxy_pass http://store;
46     }
47 }
48
49 upstream web {
50     server 1.1.1.1:7000;
51 }
52
53 upstream web-sticky-sameSite {
54     server 1.1.1.1:7000;
55     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio secure sameSite=none;
56 }
```

```
57 upstream web-sticky {
58     server 1.1.1.1:7000;
59     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio;
60 }
61 upstream inner-web-sticky {
62     server 2.2.2.2:7000;
63     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio;
64 }
65 server {
66     listen 7001;
67
68     location ^~ /reportmis {
69         resolver 127.0.0.11 valid=30s ipv6=off;
70         set $cr2 complex-report;
71         proxy_pass http://$cr2:8800;
72     }
73
74     location / {
75         proxy_set_header Upgrade $http_upgrade;
76         proxy_set_header Connection "Upgrade";
77         proxy_set_header Host $http_host;
78         proxy_set_header X-Forwarded-Host $http_host;
79         proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
80         proxy_pass http://inner-web-sticky;
81     }
82 }
83
84 server {
85     listen 80 default_server;
86
87     location ^~ /youshu/survey {
88         proxy_set_header Host $http_host;
89         proxy_set_header X-Forwarded-Host $http_host;
90         proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
91         proxy_pass http://survey:3000;
92     }
93
94     location ^~ /youshu/index/ {
95         proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
```

```
96     proxy_pass http://website:9000/index/;
97 }
98
99 location ^~ /youshu/mammutAdapter/api/ {
100     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
101     proxy_pass http://mammut-adapter:8888/api/;
102 }
103
104 location ^~ /youshu/dash/socket.io/ {
105     proxy_set_header Upgrade $http_upgrade;
106     proxy_set_header Connection "Upgrade";
107     proxy_set_header Host $http_host;
108     proxy_set_header X-Forwarded-Host $http_host;
109     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
110     set $backend "web-sticky";
111     if ($cookie_YOUDATA.sameSite) {
112         set $backend "web-sticky-sameSite";
113     }
114     proxy_pass http://$backend;
115 }
116
117 location = /youshu/dash/store/webrpc {
118     return 403;
119 }
120
121 location ^~ /youshu/dash/store/ {
122     proxy_set_header Host nginx:9090;
123     proxy_pass http://store/;
124 }
125
126 location ^~ /youshu/operation/ {
127     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
128     proxy_set_header Host $http_host;
129     proxy_pass http://backend:8010;
130 }
131
132 location ^~ /reportmis {
133     resolver 127.0.0.11 valid=30s ipv6=off;
134     set $cr complex-report;
```

```
135     proxy_pass http://$scr:8800;
136 }
137
138 # 监控需要同步配置
139 location ~ /youshu/monitor {
140     resolver 127.0.0.11 valid=30s ipv6=off;
141     set $gf grafana;
142     proxy_pass http://$gf:3000;
143 }
144
145 location /youshu/ {
146     proxy_set_header Host $http_host;
147     proxy_set_header X-Forwarded-Host $http_host;
148     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
149     proxy_pass http://web;
150 }
151 }
152 }
153
154 stream {
155     upstream redis {
156         server redis:6379;
157     }
158
159     server {
160         listen 6379;
161         proxy_timeout 30m;
162         proxy_pass redis;
163     }
164
165 # The below config is for using gpfdist in DE
166 # To use gpfdist, please make sure that the servers of MPP can connect to the Youdata
    BI servers
167 # and decomment the below config and the gploader in the stack yaml file.
168 #     upstream gploader_stream {
169 #         server gploader:8090;
170 #     }
171 #     server {
172 #         listen 8070;
```

```
173 #         proxy_pass gploder_stream;
174 #     }
175 }
176
```

Demo环境nginx备份

```
1
2 worker_processes 2;
3 events {
4     worker_connections 65535;
5 }
6
7 http {
8     include         mime.types;
9     default_type   application/octet-stream;
10    client_max_body_size 1g;
11    sendfile        on;
12    keepalive_timeout 65;
13    proxy_read_timeout 1200s;
14    gzip on;
15    gzip_comp_level 2;
16    gzip_min_length 2k;
17    gzip_types text/css text/javascript application/javascript image/svg+xml application/
18    gzip_vary on;
19    #隐藏版本号
20    server_tokens off;
21
22    log_format main '$remote_addr [$cookie_SESSION_YOUDATA] [$time_local] "$request" $s
    $upstream_response_time';
23    access_log /access.log main;
24
25    server {
26        listen 443;
27        rewrite ^(.*)$ http://$host$1 permanent;
28    }
```

```
29
30 server {
31     listen 8010;
32     location / {
33         resolver 127.0.0.11 valid=30s ipv6=off;
34         set $svc backend;
35         proxy_pass http://$svc:8010;
36     }
37 }
38
39 upstream store {
40     server store:9090;
41 }
42
43 server {
44     listen 9090;
45     location / {
46         proxy_set_header Host $http_host;
47         proxy_pass http://store;
48     }
49 }
50
51 upstream web {
52     server 1.1.1.1:7000;
53 }
54
55 upstream web-sticky-sameSite {
56     server 1.1.1.1:7000;
57     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio secure sameSite=none;
58 }
59 upstream web-sticky {
60     server 1.1.1.1:7000;
61     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio;
62 }
63 upstream inner-web-sticky {
64     server 2.2.2.2:7000;
65     sticky name=YDNESIO expires=2h hmac=sha1 hmac_key=ydnesio;
66 }
67 server {
```



```
68     listen 7001;
69     proxy_set_header Host $http_host;
70     proxy_set_header X-Forwarded-Host $http_host;
71     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
72
73     location ^~ /reportmis {
74         resolver 127.0.0.11 valid=30s ipv6=off;
75         set $cr2 complex-report;
76         proxy_pass http://$cr2:8800;
77     }
78
79     location / {
80         proxy_set_header Host $http_host;
81         proxy_set_header X-Forwarded-Host $http_host;
82         proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
83         proxy_set_header Upgrade $http_upgrade;
84         proxy_set_header Connection "Upgrade";
85         proxy_pass http://inner-web-sticky;
86     }
87 }
88
89
90
91 server {
92     listen 80 default_server;
93     resolver 127.0.0.11 valid=30s ipv6=off;
94     proxy_set_header Host $http_host;
95     proxy_set_header X-Forwarded-Host $http_host;
96     proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
97
98     location ^~ /youdata/survey {
99         set $svc survey;
100        proxy_pass http://$svc:3000;
101    }
102
103    location ^~ /youdata/index/ {
104        set $svc website;
105        proxy_pass http://$svc:9000;
106    }
```

```
107
108     location ^~ /youdata/api/dash {
109         add_header Cache-Control no-store;
110         proxy_pass http://web;
111     }
112
113     location ^~ /youdata/dash/socket.io/ {
114         proxy_set_header Upgrade $http_upgrade;
115         proxy_set_header Connection "Upgrade";
116         set $webs "web-sticky";
117         if ($cookie_YOUDATA.sameSite) {
118             set $webs "web-sticky-sameSite";
119         }
120         proxy_pass http://$webs;
121     }
122
123     location = /youdata/dash/store/webrpc {
124         return 403;
125     }
126
127     location ^~ /youdata/dash/store/ {
128         proxy_set_header Host nginx:9090;
129         proxy_pass http://store/;
130     }
131
132     location ^~ /youdata/operation {
133         set $svc backend;
134         proxy_pass http://$svc:8010;
135     }
136
137     location ^~ /youdata/cache {
138         set $sc smartcache;
139         proxy_pass http://$sc:7002;
140     }
141
142     location ^~ /youdata/reportmis/ {
143         set $cr complex-report;
144         proxy_pass http://$cr:8800/reportmis/;
145     }
```

```
146
147     location ~ /youdata/monitor {
148         set $gf grafana;
149         proxy_pass http://$gf:3000;
150     }
151
152     location /youdata/ {
153         proxy_pass http://web;
154     }
155 }
156 }
157
158 stream {
159     upstream redis {
160         server redis:6379;
161     }
162
163     server {
164         listen 6379;
165         proxy_timeout 30m;
166         proxy_pass redis;
167     }
168
169 # The below config is for using gpfdist in DE
170 # To use gpfdist, please make sure that the servers of MPP can connect to the Youdata BI
171 # and uncomment the below config and the gploader in the stack yaml file.
172 #     upstream gploader_stream {
173 #         server gploader:8090;
174 #     }
175 #     server {
176 #         listen 8070;
177 #         proxy_pass gploader_stream;
178 #     }
179 }
180
```