

# NGINX proxy\_pass or proxy\_redirect

Asked 5 years, 2 months ago   Modified 2 years, 6 months ago   Viewed 123k times



Need help on Nginx proxy\_pass.

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From outside Nginx URL will be hit like this: <http://some-IP:8080/v2/platform/general/activity/plan?.....>



my downstream service looks like this: <http://another-IP:8080/activity/plan?...>



I want to get rid of



/v2/platform/general

from original public url and call my downstream service like above.

In Nginx, how do I redirect public access URL to downstream service?

I tried this:

```
location /v2/platform/general/ {  
    rewrite ^/(.*) /$1 break;  
    proxy_redirect off;  
    proxy_pass http://another-IP:8080;  
    proxy_set_header Host $host;
```

But it didn't work, any help appreciated.

nginx

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edited Jan 22, 2020 at 3:44

asked Jan 22, 2020 at 3:32



bluelabel

2,114 ● 7 ● 31 ● 46

## 1 Answer

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46

`proxy_pass` and `proxy_redirect` have totally different functions. The `proxy_redirect` directive is only involved with changing the `Location` response header in a 3xx status message. See [the NGINX proxy\\_redirect docs](#) for details.



Your `rewrite` statement does nothing other than prevent further modification of the URI. This line needs to be deleted otherwise it will inhibit `proxy_pass` from mapping the URI. See below.



The `proxy_pass` directive can map the URI (e.g. from `/v2/platform/general/foo` to `/foo`) by appending a URI value to the `proxy_pass` value, which works in conjunction with the `location` value. See [this document](#) for details.



For example:

```
location /v2/platform/general/ {  
    ...  
    proxy_pass http://another-IP:8080/;  
}
```

You may need to set the Host header only if your upstream server does not respond correctly to the value `another-IP:8080`.

You may need to add one or more `proxy_redirect` statements if your upstream server generates 3xx status responses with an incorrect value for the `Location` header value.

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edited Sep 13, 2022 at 11:03



[mikemaccana](#)

124k ● 110 ● 432 ● 533

answered Jan 22, 2020 at 9:08



[Richard Smith](#)

49.9k ● 7 ● 95 ● 95

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