

## playkit-js-smartSwitch

Last Modified on 12/13/2022 12:52 pm IST

Kaltura Player *CDN Balancer* JS plugin for NPAW Smart Switch

The `playkit-smartswitch` the plugin is built upon Kaltura Player and Youbora CDN Balancer solution.

NPAN Reference:

[cdn-balancer](#)

[js-cdn-balancer-integration](#)

### Plugin Flow

The `Kaltura Player` triggers an API call towards the Youbora `smart-switch` service with the given playback URL, the API will return an ordered list of CDNs. Then the Kaltura Player `smart-switch` plugin will pick the first CDN and will use that CDN new playback url for the playback.

### Error Handling

SmartSwitch errors are handled internally by the plugin and playback will start with the original playback URL.

### Registering to Events

TBD

### Plugin Config

- Make sure your player id is configured to bundle the playkit-smartswitch: "playkit-smartswitch": "{latest}"

#### default config

```
smartswitch: {  
  accountCode: '',  
  application: 'default',  
  responseTimeoutSec: 10,  
  optionalParams: {},  
  domainUrl: 'https://api.gbnpaw.com',  
  followRedirects: false  
}
```

Example: "playkit-smartswitch": "0.2.0"

```
plugins: {  
  smartswitch: {  
    domainUrl: 'https://api.gbnpaw.com'  
    accountCode: 'YOUR_ACCOUNT', // Replace with your YOUBORA account.  
    application: 'KLTR test',  
    responseTimeoutSec: 15,  
    followRedirects: true,  
    optionalParams: {  
      protocol: 'hls',  
      extended: true,  
      originCode: 'default',  
      live: false,  
      //nva: "",  
      //nvb: "",  
      //token: "",  
      //dynamicRules: ""  
    }  
  }  
}
```