

playkit-js-smartSwitch

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: ""  
    }  
  }  
}
```

[template("cat-subscribe")]
