

Network virtualization update

Command: vnetwork

Subcommand: update

Supported Platforms: Native,UFT,Selenium,Appium

Supported OS: Android, iOS

Updates the network virtualization for the device with the specified conditions. For any condition that is not specified, the system will continue to use the existing value.

Description

For network conditions testing, the device being used is connected to the Web via *Perfecto WiFi*– setup is completed by Perfecto Mobile.

Use the *Network virtualization start* and *update* commands to activate and update the network conditions. Without this activation there is no effect on the device communication to the Web.

Click [here](#) to see typical network emulation values.

Emulation of problematic networks

Problematic Level	Packet loss (%)	Corruption (%)	Duplication(%)	Reorder
Steady Network	1	0	0	2
Noisy Network	2	2	0	5
Unstable Network	3	3	2	10
Very Unstable Network	5	5	5	20

Parameters

* Mandatory parameter

Request & Response

Request

```
https://mycloud.perfectomobile.com/services/executions/john@perfectomobile.com_controller_16-11-09_12_44_59_31771?operation=command&securityToken=<your_token>&command=vnetwork&subcommand=update&param.deviceId=FA53XYJ18894&param.profile=2g_gprs_average
```

JSON Response

```
{
  "executionId": "john@perfectomobile.com_controller_16-11-09_12_44_59_31771",
  "reason": "Success",
  "timer.elapsed": "438",
  "testGridReportUrl": "https://mycloud.reporting-01.perfectomobile.com?externalId[0]=john@perfectomobile.com_controller_16-11-09_12_44_59_31771",
  "timer.ux": "0",
  "singleTestReportUrl": "https://mycloud.perfectomobile.com/nexperience/singletest/report/?reportRepositoryKey=PRIVATE:controller/161109/controller_16-11-09_12_44_59_31771.xml&ownerId=john@perfectomobile.com&sharingCode=993fbf5a-7d97-4390-892e-734fac09c4dd",
  "description": "Success",
  "timer.system": "438",
  "reportKey": "PRIVATE:controller/161109/controller_16-11-09_12_44_59_31771.xml",
  "completed": "true",
  "flowEndCode": "SUCCEEDED",
  "timer.device": "0"
}
```

