

# BlackBerry Dynamics Network Operation Center server addresses



Some access to servers in the BlackBerry Dynamics Network Operation Center (NOC) is generally required by BlackBerry Dynamics components.

## On-Premises Deployment

In an on-premises deployment, access to the following server ports is required by BlackBerry Dynamics components.

Address and Port	Accessed by:	Access required:
bxcheckin.good.com:443	Mobile device	For Mobile Device Management
bxenroll.good.com:443	Good Control	For Mobile Device Management
gdentgw.good.com:443	Good Proxy	Always
gdmcd.good.com:443	Good Control Good Proxy Application server	Always Always For Push Channel service† via the NOC access point
gdmcd.good.com:49152	BlackBerry Dynamics application	When low ports‡ are not in use
gdmcd.good.com:443	BlackBerry Dynamics application	When low ports‡ are in use
gdrelay.good.com:443	Good Proxy	Always
gdrelay.good.com:15000	BlackBerry Dynamics application	When low ports‡ are not in use
gdrelay.good.com:443	BlackBerry Dynamics application	When low ports‡ are in use
gdweb.good.com:443	Good Control Good Proxy BlackBerry Dynamics application	Always Always Application entitlement

For details on how to use the Push Channel service†, [see the SDK reference documentation](#).

For details of low ports‡ usage, see BlackBerry Dynamics Application Connection, below. Note that the same access is required whether or not Direct Connect is in use.

## BlackBerry Cloud Deployment

The BlackBerry cloud is an option for BlackBerry Dynamics deployment in which BlackBerry Control servers are hosted in the NOC. In a BlackBerry cloud deployment, mobile applications, desktop applications, and application servers require access to all the servers and ports listed above, for an on-premises deployment.

In addition, the following access is required.

Address and Port	Accessed by:	Access required:
gdcloudgc.good.com:49160	BlackBerry Dynamics application	Always

## IP Addresses

The servers in the NOC to which BlackBerry Dynamics components require access have IP addresses in the following ranges.

- 206.124.114.1 through 206.124.114.254 (206.124.114.0/24)
- 206.124.121.1 through 206.124.121.254 (206.124.121.0/24)
- 206.124.122.1 through 206.124.122.254 (206.124.122.0/24)

This includes BlackBerry Control servers for cloud deployments.

Further IP address ranges may be added in future. This page will be updated when there are any changes to NOC IP address ranges. To be notified automatically, select to receive email notifications, or track this page, or use another automatic notification option.

## BlackBerry Dynamics Application Connection

BlackBerry Dynamics application connections to the above servers could be made using any of the following:

- Mobile packet data connection of a physical device.
- Wi-Fi connection of a physical device, which could be via the enterprise LAN.
- LAN connection of a computer running a device emulator.
- LAN connection of a computer running a BlackBerry Dynamics desktop application.

Selection of high or low port numbers for mobile application access to the gdrelay and gdmcd NOC servers can be made in the management console. This selection applies after initial activation, which is the first opportunity for the BlackBerry Dynamics runtime instance embedded in an application to retrieve enterprise configuration.

BlackBerry Dynamics applications built with version 1.5.4179 or later of the SDK access the gdmcd server using the low port number during initial activation. BlackBerry Dynamics applications built with earlier versions use the high port number.

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