

# Security update

## BBProxy

### Description

A potential security issue has been identified for BlackBerry Enterprise Edition. A consultant, Jesse D'Aguanno of Praetorian Global, has written a program that utilizes the BlackBerry transport mechanism to gain access to the corporate LAN of the BlackBerry user. The program furthermore establishes a connection to the author of the program, thereby allowing that author to browse the corporate LAN. The program is called BBProxy.

This document describes the risks associated with this program and how to prevent above mentioned issue to occur.

### Risk assessment

The program only works if system administration has **not** customised the wireless policies (ie only default settings are used), **and** has opened up Intranet access via the MDS. Without changes to the default settings, end-users can install programs on BlackBerries. The BBProxy program still requires an **action** by the end-user to download the program. In contrast to some statements on the Internet, it is **not** possible to receive the program as e-mail attachment. The BlackBerry Enterprise Server only supports a limited set of attachments and renders these to the device.

### Preventing issues

The IT policy settings, which are designed to prevent such programs ("malware") to be installed, are built into the BlackBerry Enterprise Server solution and can be set by the system administrator. Additional countermeasures can be taken by installing the BlackBerry servers in a separate network segment. Further detailed information for system administrators can be found at the following BlackBerry security and knowledge sites:

[Protecting the BlackBerry Device Platform Against Malware.pdf](#)

[Placing the BlackBerry Enterprise Solution in a Segmented Network.pdf](#)

The risk for corporate LANs is limited, however this program identifies the need for system administrators to carefully consider network security.

For further assistance please contact Vodafone Technical Sales Group via your account manager.

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