NOKIA Developer

Archived:First attempt to create Internet connection fails if default IAP changed on S60 1st Edition (Known Issue)

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The article is believed to be still valid for the original topic scope.

Overview

If the default (suggested) IAP is changed, first attempt to create an Internet connection fails.

Description

All APIs able to create an Internet connection (e.g., RSocket::Open(), RGenericAgent::StartOutgoing() or CIntConnectionInitator::ConnectL()) fail with an error code KErrAccessDenied at the first connection attempt. When creating an Internet connection, for example, using RGenericAgent::StartOutgoing(), a dialog pops up where all defined IAPs are listed and the default is highlighted. If an IAP other than the default is selected, KErrAccessDenied error code is returned. The problem exists even if the IAP is selected in the code without showing the dialog.

Solution

The problem can be handled by implementing a retry mechanism, which automatically tries to reconnect one or more times if KErrAccessDenied error code is returned.