Configuración de perfiles de APN y asignación de Slot

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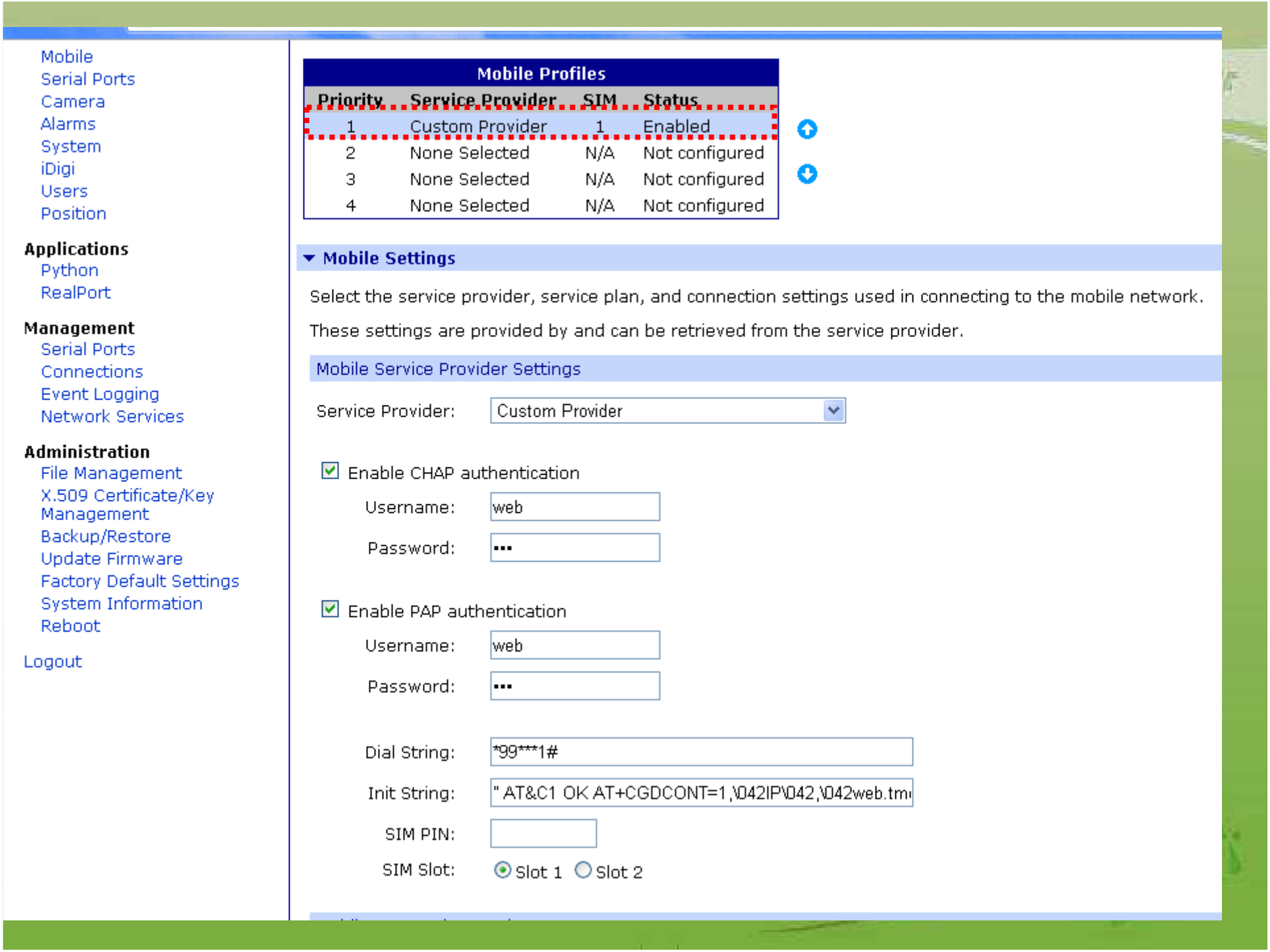
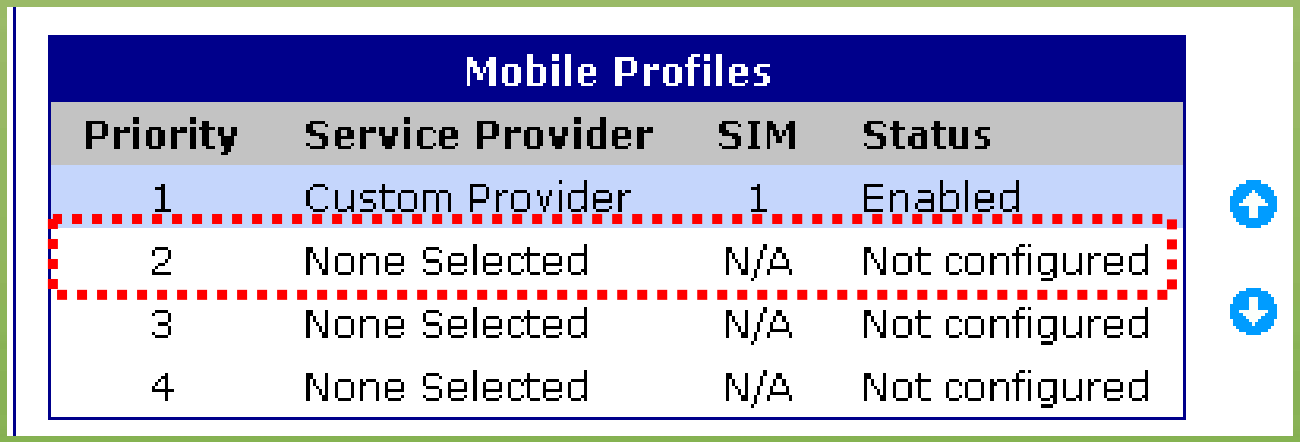
En este script, serán explicados los pasos para configurar los perfiles de APN asignándolos a un Slot determinado, con el fin de que si falla la conexión de la principal, el equipo intente comunicarse por medio de la secundaria.


Mobile
Serial Ports
Camera
Alarms
System
iDigi
Users
Position
Applications
Python
RealPort
Management
Serial Ports
Connections
Event Logging
Network Services
Administration
File Management
X.509 Certificate/Key Management
Backup/Restore
Update Firmware
Factory Default Settings
System Information
Reboot
Logout
Mobile Profiles
Priority Service Provider SIM Status
1 Custom Provider 1 Enabled
2 None Selected N/A Not configured
3 None Selected N/A Not configured
4 None Selected N/A Not configured
Mobile Settings
Select the service provider, service plan, and connection settings used in connecting to the mobile network.
These settings are provided by and can be retrieved from the service provider.
Mobile Service Provider Settings
Service Provider: Custom Provider
Enable CHAP authentication
Username: web
Password: •••
Enable PAP authentication
Username: web
Password: •••
Dial String: *99***1#
Init String: " AT&C1 OK AT+CGDCONT=1,\042IP\042,\042web.tm
SIM PIN:
SIM Slot: Slot 1 Slot 2

Luego de haber configurado el primer perfil, elija un perfil que se encuentre disponible para configurar en base a la SIM que posea el SLOT 2.

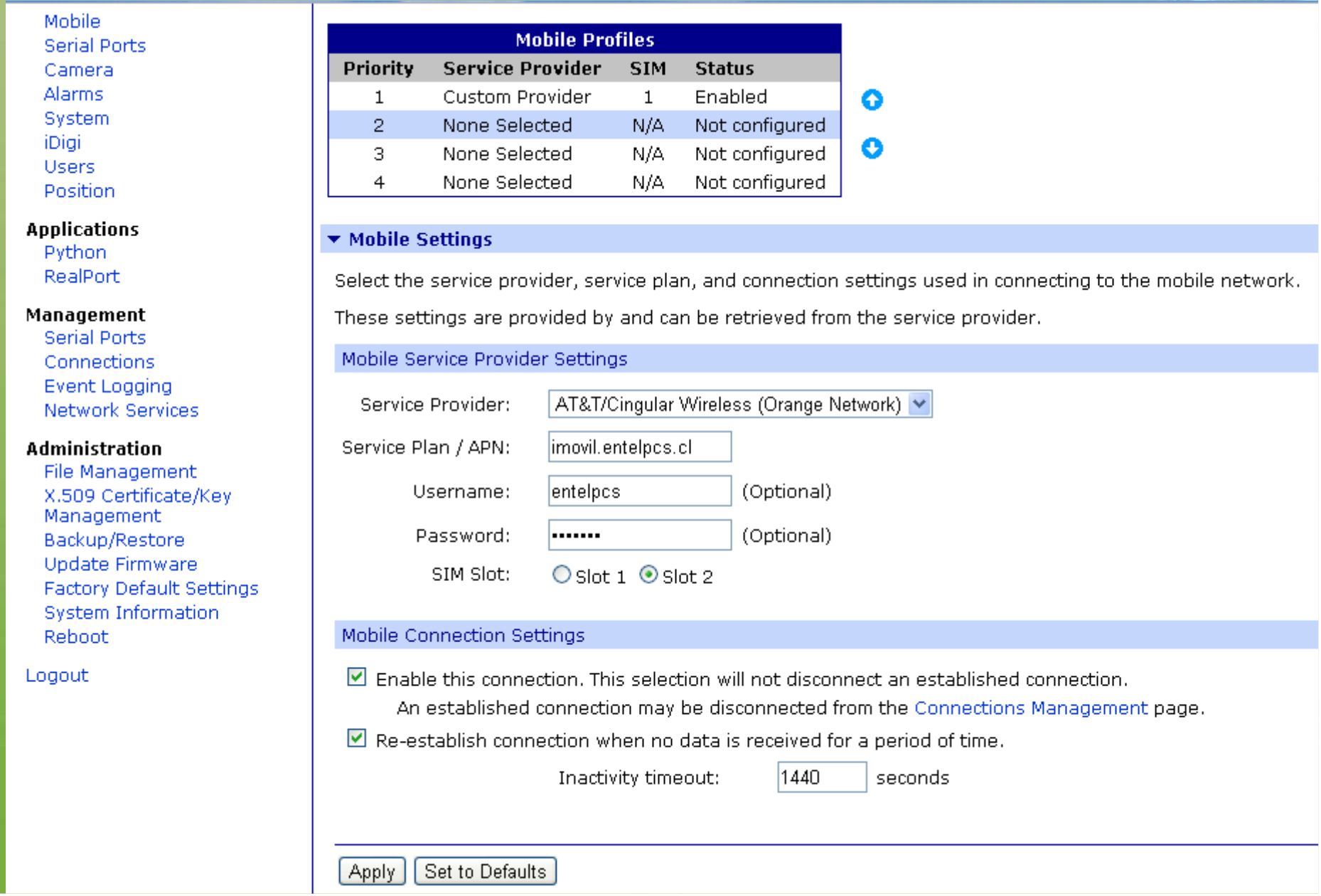


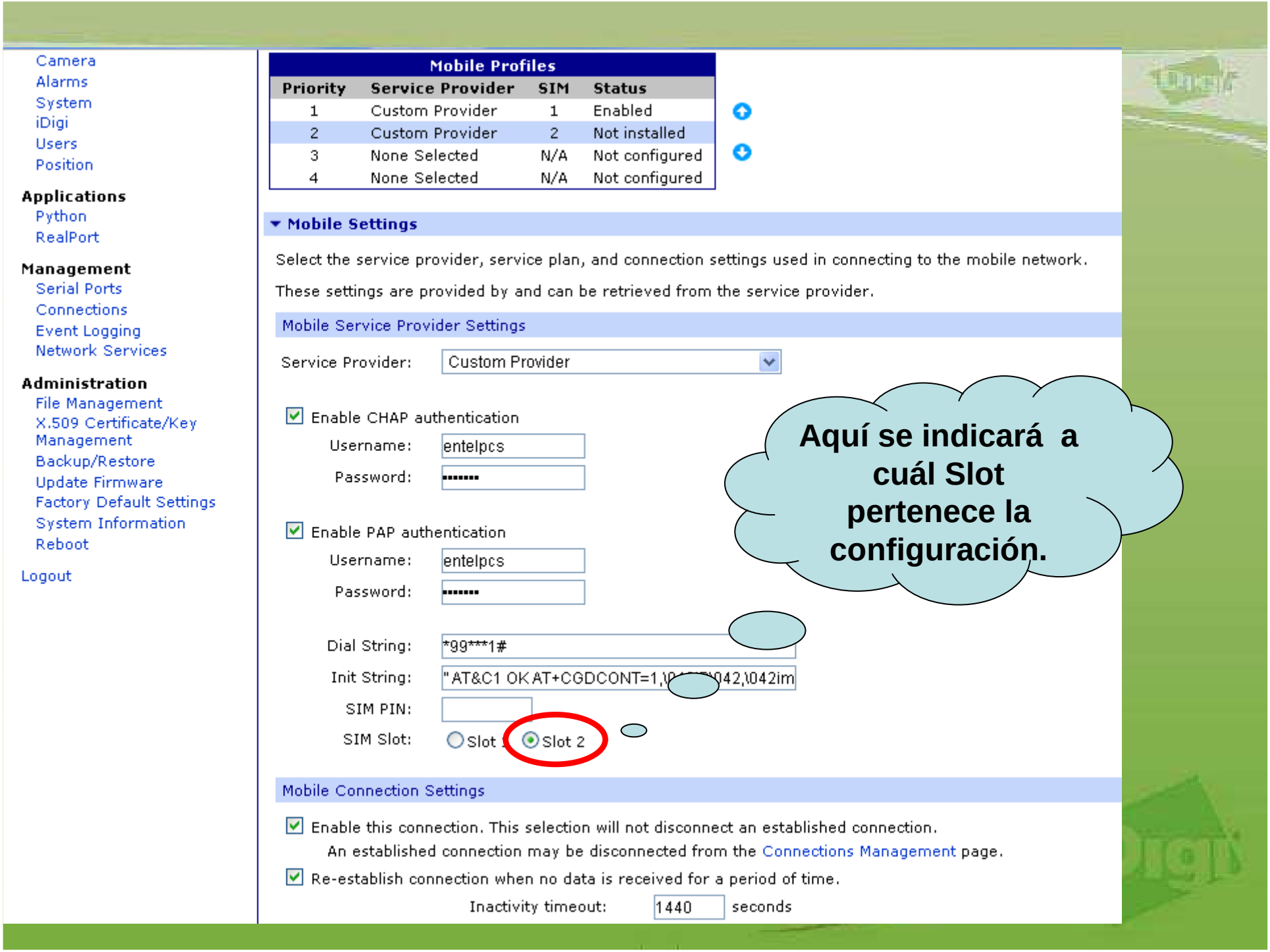
Mobile Profiles

Priority	Service Provider	SIM	Status
1	Custom Provider	1	Enabled
2	None Selected	N/A	Not configured
3	None Selected	N/A	Not configured
4	None Selected	N/A	Not configured

Obtendrá algo similar a esto:

Para este ejemplo, se configura para una SIM Entel basándonos en el “Basic Script Digi”:




Camera
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Backup/Restore
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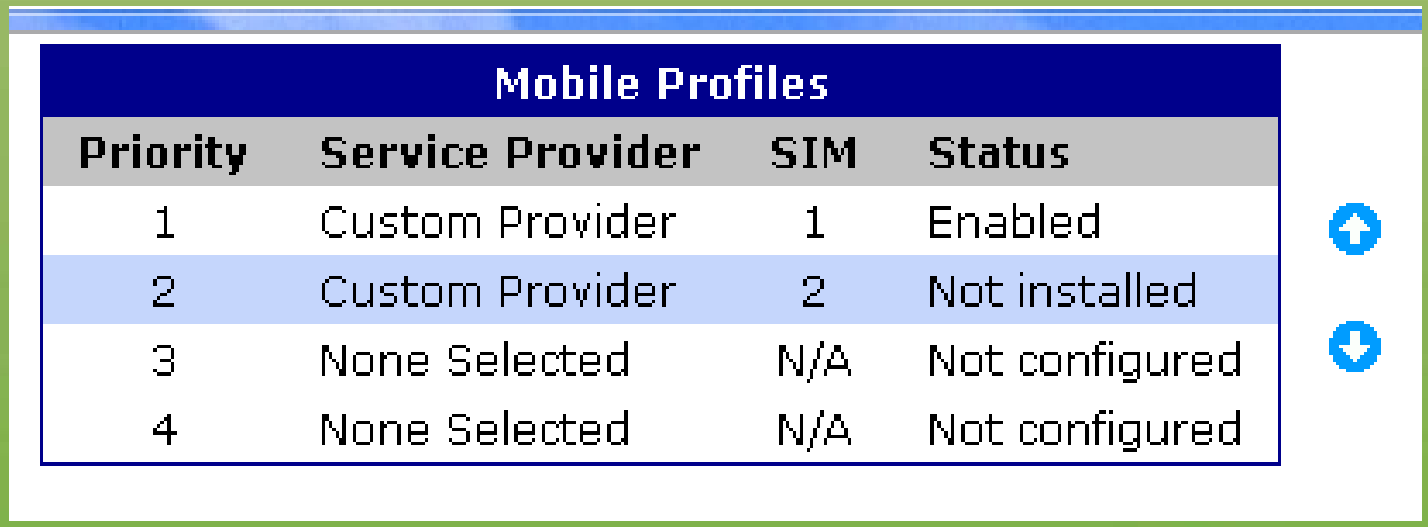
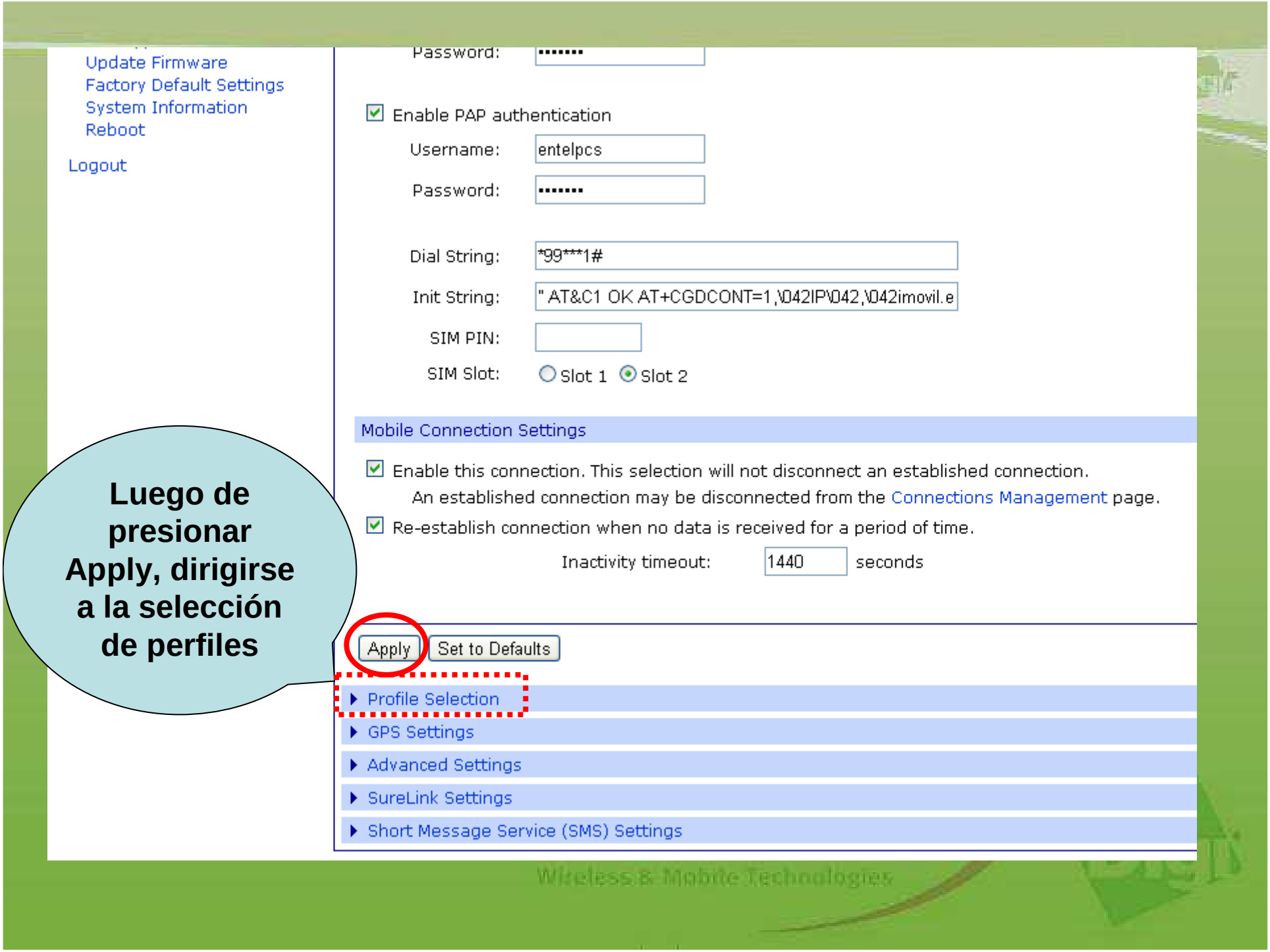
Factory Default Settings
System Information
Reboot
Logout
Mobile Profiles
Priority | Service Provider | SIM | Status
1 | Custom Provider | 1 | Enabled
2 | Custom Provider | 2 | Not installed
3 | None Selected | N/A | Not configured
4 | None Selected | N/A | Not configured
Mobile Settings
Select the service provider, service plan, and connection settings used in connecting to the mobile network.
These settings are provided by and can be retrieved from the service provider.
Mobile Service Provider Settings
Service Provider: Custom Provider
Enable CHAP authentication
Username: entelpcs
Password: •••••••
Enable PAP authentication
Username: entelpcs
Password: •••••••
Dial String: *99***1#
Init String: "AT&C1 OK AT+CGDCONT=1,\042,\042im
SIM PIN:
SIM Slot: Slot 1 Slot 2
Aquí se indicará a cuál Slot pertenece la configuración.
Mobile Connection Settings
Enable this connection. This selection will not disconnect an established connection.
An established connection may be disconnected from the Connections Management page.
Re-establish connection when no data is received for a period of time.
Inactivity timeout: 1440 seconds

Aquí pueden quedar guardados 4 perfiles, lo que permite tener distintos APN para un Slot dando prioridad a la que se encuentre puesta en el Digi, para fines prácticos, resulta útil para no estar configurando el APN cada vez que se cambie la SIMCARD.

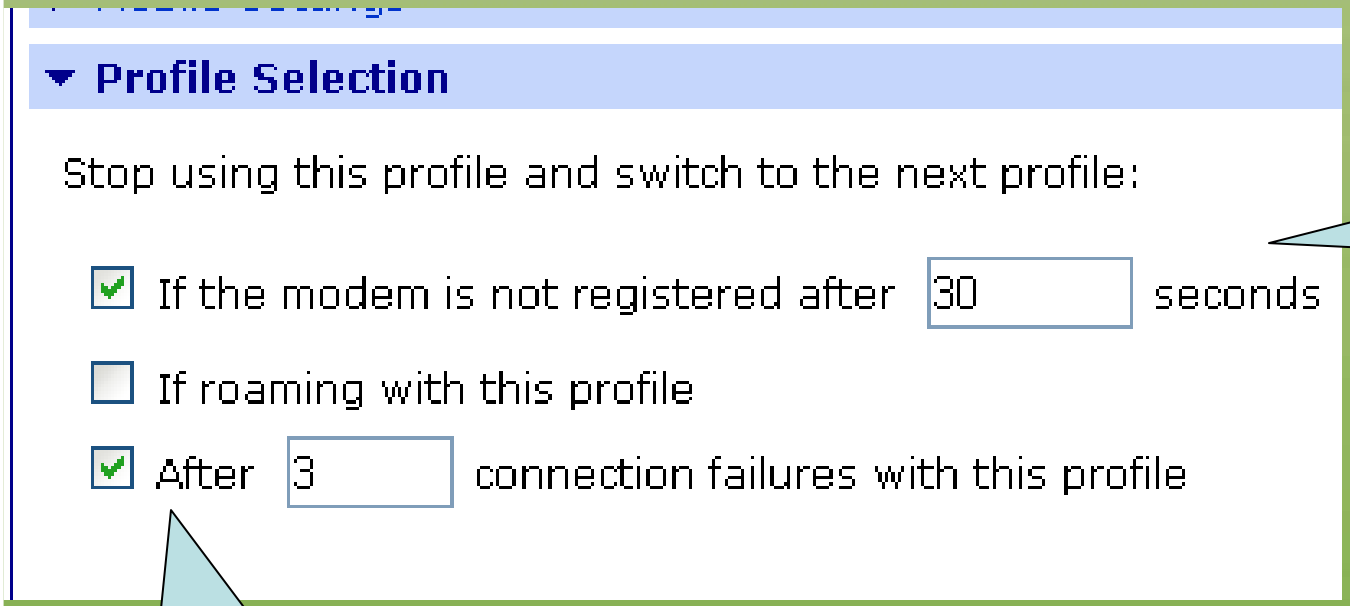


Mobile Profiles

Priority	Service Provider	SIM	Status
1	Custom Provider	1	Enabled
2	Custom Provider	2	Not installed
3	None Selected	N/A	Not configured
4	None Selected	N/A	Not configured


Update Firmware
Factory Default Settings
System Information
Reboot
Logout
Password:
Enable PAP authentication
Username:
entelpcs
Password:
Dial String:
*99***1#
Init String:
" AT&C1 OK AT+CGDCONT=1,\042IP\042,\042imovil.e
SIM PIN:
SIM Slot:
Slot 1
Slot 2
Mobile Connection Settings
Enable this connection. This selection will not disconnect an established connection.
An established connection may be disconnected from the Connections Management page.
Re-establish connection when no data is received for a period of time.
Inactivity timeout:
1440
seconds
Apply
Set to Defaults
Profile Selection
GPS Settings
Advanced Settings
SureLink Settings
Short Message Service (SMS) Settings
Luego de presionar Apply, dirigirse a la selección de perfiles

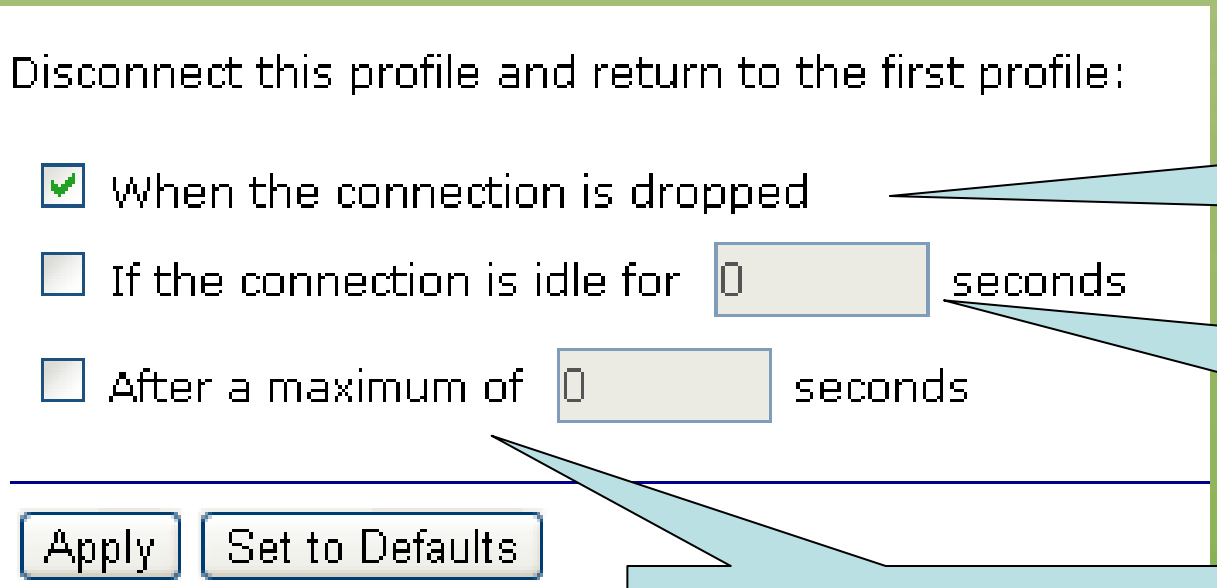
Condiciones para el switcheado de perfiles:



Luego de X seg sin que el modem se registre a la red.

Luego de 3 intentos fallidos con el perfil actual.

Retornar al perfil principal cuando:



Cuando la conexión se caiga.

Luego de X seg. Sin conexión a la celda PCS (*)

Luego de un máximo de X seg.

(*) : Se recomienda utilizar sobre 180 segundos.

Luego de esto, queda automatizado el cambio de SimCard en función los perfiles configurados.

Ante Cualquier inquietud, no dude con comunicarse con nosotros

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