WEB-SKINS

Idea, usage and examples
Another Interface?
A simple WEB based winbox?
What are Skins?

It's a feature that will allow some extra functionality we do not have in winbox like:

• Enabling / Disabling every single field
• Creating and Customize Status page
• Translate interface to your Language
• Limit possible options in combo boxes
• Put Notes and explanations
Why do I need that?

Let's start with some use cases:

• **Giving limited Access to device**
• Giving status access to device
• Simplify Configuration for Customers
• Translate Interface to your Language
Giving limited Access to device

Use case:
ISP wants to give limited access to CPE to his customer for:
• Check signal strength in wireless interface
• Allow to control Leases in DHCP-Server
Giving limited Access to device

User can see only what you enable him to see
Why do I need that?

Let's start with some use cases:

• Giving limited Access to device
• **Giving status access to device**
• Simplify Configuration for Customers
• Translate Interface to your Language
Giving status access to device

Use case:
ISP wants to give read only access to CPE but only to certain parameters:
• Check some parameters like signal or IP
Giving status access to device

Only Status Page is Shown
Why do I need that?

Lets start with some use cases:
• Giving limited Access to device
• Giving status access to device
• **Simplify Configuration for Customers**
• Translate Interface to your Language
Simplify Configuration for Customers

Use case:
Want to sell Mikrotik Router to non experience Person and give him Interface that is easier then Winbox itself
Simplify Configuration for Customers

PPP is called VPN

Secrets are called VPN Accounts

Menu is Limited
Why do I need that?

Lets start with some use cases:

• Giving limited Access to device
• Giving status access to device
• Simplify Configuration for Customers
• Translate Interface to your Language
Translate Interface

Use case:
Your employees / customers / network operator are not very good with English Language. Translate it to them :)
Translate Interface

Interfejs <wlan1> at admin

OK Anuluj Zastosuj Tryb Advanced Scan... Freq. Usage... Reset Konfiguracji

running ap running slave

Włączony

Tryb Pracy: ap bridge
Zakres: 2GHz-B/G/N
Szerokość Kanału: 20/40MHz HT Above
Częstotliwość: 2412 MHz
SSID: Welcome To Poland
What you should now about Skins

• How to create them
• How to apply them
• What are:
  – Separators,
  – Tabs,
  – Limits
  – Notes
How to Create Skins
How to Create Skins
How to Create Skins

• First of All create new SKIN by setting its name and pressing Save Button
How to Create Skins

• Start with enabling and disabling some options in new skins
• Disabled option will not be visible in that SKIN
How to Create Skins

- In Design Mode you can click on text and replace it to your own text
How to Create Skins - Separators

You can edit existing Separators
How to Create Skins - TABS

Or add New Custom Tab
How to Create Skins - TABS

Tabs with no LABEL are called Separators
If Configuration is too difficult make a notes for your employee.
How to Create Skins - Limits

Limit will make limited choice in Combo Boxes
How to Create Skins - Limits

Limit will make limited choice in Combo Boxes
How to Create Skins - Limits

Properties can be also be a read only
How to USE Skins

• Skins are JSON files located in Files in skins directory
```
Name: { note: 'Name for Security Profile' },
Mode: { note: 'dynamic keys = WPA/WPA2; static keys = WEP' },
'Authentication Types': { limit: 'WPA PSK, WPA2 PSK' },
'WPA Pre-Shared Key': { note: 'PSK Key for WPA' },
'WPA2 Pre-Shared Key': { note: 'PSK Key for WPA2' },
'Supplicant Identity': 0,
'Group Key Update': { ro: true },
'Management Protection': 0,
'Management Protection Key': 0
},
RADIUS: {
'MAC Authentication': 0,
'MAC Accounting': 0,
'EAP Accounting': 0,
'Interim Update': 0,
'MAC Format': 0,
'MAC Mode': 0,
'MAC Caching Time': 0
},
EAP: { 'EAP Methods': 0, 'TLS Mode': 0, 'TLS Certificate': 0 },
'Static Keys': {
'Key 0': { tab: 'Static Keys; (For WEP)' }
}
```
How to USE Skins

- First We need to create new User Group in /system user menu
How to USE Skins

• Second – Create user in that Group.
Mass Configuration

• Copy your JSON file to skin directory and place config of your users
• Use a new export compact to make job easier
THANK YOU

More Information at:
http://www.ip-pro.eu/articles/51-web-skins