



TB Academy

Tmedia™ Gateways – Essentials and Configuration

eLearning Activity Book

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User Interface

1.1 Login and Users

1.1.1 Login Activity



⌚ 15 minutes

In this activity, you will connect to the Tmedia Gateway web portal, login and get familiar with the user interface.

For the system connection information, refer to the file “*TMGEC_lab_connection_info.pdf*” :

1. Open your web browser, type the http address
2. In “**Username**”, type the given username
3. In “**Password**”, type the given password

In the web portal interface, find the below information and write down where you found it:

1. Current Tctrl OS version [A1]_____
2. Logged user [A2]_____
3. Logout [A3]_____
4. Describe the hierarchical structure in the left menu (1st level->2nd level->etc.) for:
 - a) MTP2 [A4]_____
 - b) ISUP [A5]_____
 - c) Call Trace [A6]_____
 - d) Users [A7]_____
5. User group permission [A8]_____
6. In the users view, how to sort the table per “**User Group**” [A9]_____

1.1.2 User Activity

⌚ 5 minutes



The goal of this activity is to browse through users groups permissions.

In the web portal interface:

1. Enumerate which menus your users have **“read”** only access? _____
 [A10] _____

1.2 Configurations

1.2.1 Configuration Activity



⌚ 10 minutes

In this activity, you will learn how to use configurations. Explore the following items:

1. Click on **“Configurations”** menu
 - a) What happen when you click on the action **“Configure Now”** of **“tb_academy_initial”**? _____
 [A11] _____
 - i. Find another way of getting the same result from the **left menu**? _____
 [A12] _____
 - b) What is the meaning of **“Active configuration”**? _____
 [A13] _____
2. From **the left menu**
 - a) Enumerate the items that **are not included** in a configuration? _____
 [A14] _____
 - b) Select **“tb_academy_demo_config”** configuration, and click on **“IP Interfaces”**
 - i. What are the tabs in the main view? _____
 [A15] _____
 - ii. What is the difference between **“Configuration”** and **“Status”**? _____
 [A16] _____

1.2.2 Copy Configuration Activity



⌚ 5 minutes

In this activity, you will create your own configuration. You will be using your configuration for all the other activities of this class.

1. Click on **“Configurations”** menu
2. Click on the **“Copy”** link beside **“tb_academy_initial”**
 - a) In **“Name”**, type **“yymmdd_name_surname”** (i.e. **“160101_john_smith”**)
 - b) Click on **“Copy”**
3. Click on your configuration name
 - a) Click on **“Web Profiles”**

- b) Set “**ISUP**”, “**SIP**”, “**Gateway Application**”, “**H.248**”, “**Sigtran**”, “**M2UA**” and “**M3UA**” checkbox only (leave all other checkbox cleared)
 - c) Click on “**Save**”
4. Select your new configuration as the current displayed configuration

☛ Validate your Results

You should see the following:

- Your configuration name (“**yymmdd_name_surname**”) in the left menu just under the “**Configurations**” item
- If you click on “**TDM Line Interfaces**”, there is nothing listed

1.2.3 Validate/Activate Configuration Activity



⌚ 5 minutes

In this activity, you will learn how to lock, validate and activate a configuration.

1. Click on the “**System**” menu, what do you see? [A17] _____

2. What is the purpose of “**Activate Configuration**”? [A18] _____
3. What happen if you modify your configuration but you don't activate it? _____
[A19] _____
4. Why would you like to validate your configuration? _____
[A20] _____

1.3 Status

1.3.1 System Status Activity



⌚ 10 minutes

In this activity, you will explore the system “**Status**” menu and the status tab views.

1. Click on the “**Status**” menu
 - a) What do you see? [A21] _____

 - b) Find why the “**Hardware Units**” tab is orange color? [A22] _____
 - c) What is the meaning of orange? [A23] _____
 - d) Find why the “**Tdm Lines**” tab is red color? [A24] _____
 - e) Find why the “**Nap**” tab is red color? [A25] _____
 - f) How can you refresh the information? [A26] _____
 - g) What are the possible refresh durations? [A27] _____
2. Click on the “**SS7 Mtp2**” tab

- a) Click on “**XTEL_MTP2_02_16**”
- b) In “**Status Level**”, select “**Level 0**”
- c) Click on “**Now**” button
 - i. Note your observations [A28] _____
 - ii. Which level shows the less information? [A29] _____
 - iii. What is the default level? [A30] _____
3. Check “**Reset status**” checkbox
4. Click on “**Now**” button
 - a) Look at the statistics and note your observations _____
[A31] _____
5. Uncheck “**Reset status**” checkbox
6. Click on “**Now**” button
 - a) Look at the statistics and note your observations _____
[A32] _____
7. Click on “**Refresh every**” drop down menu and select “**5 seconds**”
8. Wait for the next status refresh, check “**Reset status**”
9. Wait for the next status refresh, uncheck “**Reset status**”
 - a) Look at “**In service duration**” (ms) and note your observations _____
[A33] _____

1.3.2 Hardware Status Activity



⌚ 5 minutes

In this activity, you will explore the “**Hardware Units**” status tab view.

1. Click on the “**Hardware Units**” menu
2. Click on the “**Hardware Units Status**” tab, what do you see? _____
[A34] _____
3. Click on the “**Ready/Active**” unit
4. Find how to reboot a Hardware Unit? _____
[A35] _____
 - a) Does the configuration needs to be Activated for the reboot to take effect? _____
[A36] _____
5. Where is the Unit license? [A37] _____
 - a) What is the value for each of the element below:
 - i. “**MAX_TRUNK**” [A38] _____
 - ii. “**VOIP_MAX_CHANNELS**” [A39] _____
 - iii. “**SS7_MTP2_LINKS**” [A40] _____
 - iv. “**NP1_BACKUP**” [A41] _____