

Question 1: **Correct**

Which of these arguments can be used with the **load** command to combine the current configuration with the configuration you load?

- **merge**
- **(correct)**
- **update**
- **override**
- **patch**

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-config-files-loading.html

Question 2: **Correct**

Which command can be used to validate the syntax of a configuration without applying the configuration?

- **commit check**
- **(correct)**
- **commit confirmed**
- **commit synchronize**
- **commit and-quit**

annotation

Committing a Configuration -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-configuration-commit.html

Question 3: **Correct**

Which of these help commands gives a list of commands in which a given keyword is used throughout Junos?

- **help reference**
- **help apropos**
- **(correct)**
- **help topic**

annotation

When the exact syntax of a configuration command is not known, the CLI command **help apropos** can be used to obtain a list of all configuration-mode commands that contain a particular text string.

Reference: <https://kb.juniper.net/InfoCenter/index?page=content&id=KB9615>

Question 4: **Correct**

You are at the top of the hierarchy and you must **configure OSPF on interface ge-0/0/0 unit 1** .

Which of these will achieve the result? (Choose two)

- **[edit]**
- **user@router# edit protocols ospf interface ge-0/0/0.1**

- [edit]
- user@router# set protocols ospf area 0 interface ge-0/0/0.1
- (correct)
- [edit]
- user@router# set protocols
- [edit]
- user@router# set ospf area 0
- [edit]
- user@router# set interface ge-0/0/0.1
- [edit]
- user@router# edit protocols
- [edit protocols]
- user@router# set ospf area 0 interface ge-0/0/0.1
- (correct)

annotation

Junos configuration commands can be executed at multiple levels.

1. From the top of the configuration hierarchy [edit], type the full command.
2. Or, navigate to the specific configuration hierarchy, like [edit protocols] and type the shorter version of the command.

Question 5: **Correct**

Which of these commands can be used to **save the current candidate configuration in set format** to permanent storage?

- [edit]
- user@router# show | set | save /var/tmp/current.conf
- [edit]
- user@router# show | display set | save /var/tmp/current.conf
- (correct)
- [edit]
- user@router# save /var/tmp/current.conf | display set
- [edit]
- user@router# show | compare set | save /var/tmp/current.conf

annotation

The **display set** switch can be used with **show** commands to view the set configuration commands used.

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/show-pipe-display-set.html

Question 6: **Correct**

Which of these commands can be used to identify the meaning of a syslog message?

- man syslog

- **help syslog**
- **(correct)**
- **help log messages**
- **man log messages**

annotation

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/help-mode-operation.html

Question 7: **Correct**

Which of these can you find using CLI **help** command? (Choose two)

- **message of the day**
- **information on specific traceoptions log messages**
- **information on specific system log error messages**
- **(correct)**
- **tips about CLI commands**
- **(correct)**

annotation

```
user@host > help tip cli
```

Junos tips :

Use '`request system software validate`' to validate the incoming software against the current configuration without impacting the running system .

```
user@host> help syslog syslog-tag
```

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/online-help.html

Question 8: **Correct**

Which configuration more allows only a single user to edit the configuration?

- **configure dynamic**
- **configure exclusive**
- **(correct)**
- **configure batch**
- **configure Private**

annotation

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/configure-command.html

Question 9: **Correct**

Which CLI mode allows you to make configuration changes?

- **configuration mode**
- **(correct)**
- **enable mode**
- **operational mode**

- **shell mode**

annotation

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB15719>

Question 10: **Correct**

What information does the **help reference** command provide?

- **The serial number and version of the device.**
- **A list of active alarms on the device.**
- **A brief description of commands and their default values.**
- **(correct)**
- **A display of the current configuration.**

annotation

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/help-mode-operation.html

Question 11: **jump over**

A user just entered the command **user@router# save current.conf**

Assuming the default settings, where in the file system is current.conf saved?

- **/config/**
- **/var/tmp/**
- **/var/config/saved/**
- **/var/home/user/**
- **(correct)**

annotation

If you do not specify a path, the Junos OS saves the configuration to the user's working directory.

As an example, if user Nancy saved a configuration file without specifying a path name, the configuration file would be saved in the **/var/home/nancy** directory by default.

Question 12: **jump over**

What information does the **help topic** command provide?

- **router's version and serial number to help open a case with JTAC**
- **usage guidelines for a topic or configuration statement**
- **(correct)**
- **a brief description of commands and their default values**
- **a verification of the current configuration on the router**

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/help-mode-operation.html

Question 13: **jump over**

Which keystroke combination will allow you to erase the current command?

- **Ctrl + a**

- Ctrl + u
- (correct)
- Ctrl + w
- Ctrl + e

annotation

CLI Keyboard Shortcuts -

https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-cli-keyboard-shortcuts.html

Question 14:jump over

Which CLI keyboard sequence allows you to move the cursor to the beginning of the line?

- ctrl + a
- (correct)
- ctrl+e
- ctrl + u
- ctrl+w

annotation

CLI Keyboard Shortcuts -

https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-cli-keyboard-shortcuts.html

Question 15:jump over

Which of these commands can be used to discard changes made to candidate configuration? (Choose two)

- delete
- delete 0
- rollback 0
- (correct)
- rollback
- (correct)

annotation

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/rollback.html

Question 16:jump over

Which of these commands will allow you to enter operational mode from the shell mode?

- cli
- (correct)
- edit
- configure
- exit

annotation

SRX Getting Started - CLI Modes and Features -

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB15719>

Question 17:jump over

Which of these commands can be used to write the candidate configuration to an ASCII file?

- **user@router# run save /var/tmp/current.conf**
- **user@router# save /var/tmp/current.conf**
- **(correct)**
- **user@router# commit /var/tmp/current.conf**
- **user@router# write /var/tmp/current.conf**

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/save.html

Question 18:jump over

Which of these is true about the **load override** command?

- **it will completely overwrite the current configuration with the configuration you load**
- **(correct)**
- **it will update replace the full current configuration with the factory-default configuration**
- **it will combine the current configuration with the configuration you load**

annotation

Loading configuration files -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-config-files-loading.html

Question 19:jump over

-----Exhibit-----

Amnesiac (ttyu0)

login:

-----Exhibit-----

Which of these is true about the information shown in the exhibit?

- **The Junos operating system did not boot correctly.**
- **The device was recently upgraded to a newer version of Junos.**
- **The factory default configuration is running on the device.**
- **(correct)**
- **The device memory has been corrupted.**

annotation

Reference: <https://kb.juniper.net/InfoCenter/index?page=content&id=KB16580>

Question 20:jump over

Which of these commands can be used to display output one page at a time?

- **user@router> show interfaces | trim**

- **user@router> show interfaces | display**
- **user@router> show interfaces**
- **(correct)**
- **user@router> show interfaces | no-more**

annotation

By default, Junos output is paginated. To view all the output at once, the no-more switch can be used.

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-output-managing-with-more-prompt.html

Question 21:jump over

Which of these prompts will you see when you log in as root?

- **root>**
- **root#**
- **root%**
- **(correct)**

annotation

When you log in as root, you'll be placed in the **shell mode** which can be identified with the % symbol.

Reference - <https://kb.juniper.net/InfoCenter/index?page=content&id=KB16580>

Question 22:jump over

Which of these indicates that you're in operational mode?

- **user@router***
- **user@router%**
- **user@router>**
- **(correct)**
- **user@router#**

annotation

SRX Getting Started - CLI Modes and Features -

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB15719>

Question 23:jump over

Which of these commands will enable access to J-Web using HTTPS?

- **set system services web-management j-web-https**
- **set system services web-management https**
- **(correct)**
- **set services web-management https**
- **set service web-management remote-access**

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/configuration-statement/system-edit-web-management.html

Question 24:jump over

Which of these commands can be used to verify the SSH configuration?

- **user@router#show system login**
- **user@router# show configuration system services**
- **user@router> show configuration services**
- **user@router# show system services**
- **(correct)**

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/configuration-statement/services-edit-system.html

Question 25:jump over

Which J-Web tab allows you to add licenses to the device?

- **Maintain**
- **(correct)**
- **Troubleshooting**
- **Monitor**
- **Configure**

annotation

The screenshot shows the Junos J-Web interface. At the top, there are tabs for Dashboard, Configure, Monitor, Maintain (selected), and Troubleshoot. Below the tabs, it says 'Host : kahr(srx210-hm)' and 'Logged in as : regress'. On the left side, there is a sidebar with buttons for Files, Config Management, Software, Licenses (selected), Reboot, and Snapshot. The main content area is titled 'Licenses' and has a sub-section 'Add License'. It contains a text input field for 'License File URL' and a text area for 'License Key Text'. The text area contains the following license information: Serial No : AT0209AF0015, Model : SRX210HM, Features : SRX210-MEM-LIC-UPG, Issue Date : 27-Sep-2010, Expiration Date : 11-Nov-2010, License Id : JUNOS275127, License Key : JUNOS275127 aeagea qmifkd amrqhf aummbq ge2qqb qchs5b 7osma4 ugj3ls mxofmw bq4g3u 7qrepa dm6xqw. At the bottom of the text area are 'OK' and 'Cancel' buttons.

Question 26:jump over

Which command causes the Junos OS temporarily activate a configuration?

- **commit check**
- **commit and-quit**
- **commit synchronize**
- **commit confirmed**
- **(correct)**

annotation

Committing a Configuration -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-configuration-commit.html

Question 27:jump over

You configured an interface with an IP address and committed the change. You then added an exception in a firewall filter and committed the change. You realized that the change was made on the wrong device.

How do you undo all these changes?

- **rollback**
- **rollback 2**
- **(correct)**
- **rollback 0**
- **rollback 1**

annotation

In this example:

1. Before you configure the device - rollback 0 is the current candidate configuration (say C1)
2. After you configure the interface and commit the change - rollback 0 is the new candidate configuration (say C2) and rollback 1 is the previous configuration (C1)
3. After you configure the firewall filter and commit the change - rollback 0 is the new candidate configuration (say C3), rollback 1 is the configuration with the interface change (C2), and rollback 2 is the original configuration you started with (C1)

Question 28:jump over

Which character indicates that you're at the configuration mode?

- **>**
- **%**
- **\$**
- **#**
- **(correct)**

annotation

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB15719>

Question 29:jump over

Which of these commands can be used to view the configuration of interface ge-0/0/1.0?

- **[edit protocols bgp]**
- **user@router# show interfaces ge-0/0/1.0**
- **[edit protocols bgp]**
- **user@router# top show interfaces ge-0/0/1.0**
- **(correct)**
- **[edit protocols bgp]**

- **user@router# display interfaces ge-0/0/1.0**

annotation

The **top** command can be used to go to the top of the configuration hierarchy.

It can also be used with other commands to execute them as you'd execute from the top of the configuration hierarchy.

Question 30:jump over

What will be the output of the command **show | compare rollback 1** ?

- **The difference between the candidate configuration and the active configuration from one commit ago**
- **The difference between the current active configuration and the current candidate configuration**
- **The difference between the candidate configuration and the active configuration from two commits ago**
- **(correct)**

annotation

Current configuration (from the most recent commit) is rollback 0

show | compare rollback 0 - compares candidate configuration with the active configuration from one commit ago (in other words, the last commit)

show | compare rollback 1 - compares candidate configuration with active configuration from two commits ago

Question 31:jump over

Which of these are true about the **configure exclusive** command? (Choose three)

- **Multiple users can enter the configuration mode.**
- **(correct)**
- **It prevents other users from editing the configuration.**
- **(correct)**
- **All changes are preserved when exiting exclusive configuration mode.**
- **All uncommitted changes made by the user are lost when exiting exclusive configuration mode.**
- **(correct)**

annotation

Configure Command -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/configure-command.html

Question 32:jump over

Which keystroke combination will allow you to erase a single word to the left of the cursor?

- **Ctrl + e**
- **Ctrl + u**
- **Ctrl + w**
- **(correct)**

- Ctrl + a

annotation

CLI Keyboard Shortcuts -

https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-cli-keyboard-shortcuts.html

Question 33:jump over

Which of these commands will allow you to navigate to **[edit interfaces]** hierarchy?

- set interfaces
- cd interfaces
- edit interfaces
- (correct)
- interfaces

annotation

The **edit** command is used to navigate to a configuration hierarchy.

Question 34:jump over

Which character indicates that you're at the shell mode?

- \$
- %
- (correct)
- #
- >

annotation

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB15719>

Question 35:jump over

Which of these functions are available under the "Maintain" tab of J-Web? (Choose two)

- edit security settings
- reboot the device
- (correct)
- view and add licenses
- (correct)
- view real-time statistics of interfaces

annotation

Dashboard | Configure | Monitor | Maintain | Troubleshoot

Host : NoName(srx240h2) Logged In as : root

Config Management | Software | Licenses | **Reboot** | Snapshot | Files

Reboot

Schedule Reboot Or Halt

To reboot or halt the system, please select a time below.

Note that a halted system can only be accessed from the system console port.

The current system time is 13:33 (1:33 PM). Reboots scheduled to occur in the future will occur regardless of whether you log out of web management.

☐ Reboot Immediately
☒ Reboot in 5 minutes
☐ Reboot when the system time is 13 : 35
☐ Halt Immediately

Reboot From Media

Message

Dashboard | Configure | Monitor | Maintain | Troubleshoot

Host : kahr(srx210-hm) Logged in as : regress Chassis Help About Logout

Files | Config Management | Software | **Licenses** | Reboot | Snapshot

Licenses

Add License

Enter a valid URL to the license file to add, or paste the text of the license file below. (Multiple keys separated by a blank line)

License File URL

License Key Text

```

Serial No :      AT0209AF0015
Model :         SRX210HM
Features :      SRX210-MEM-LIC-UPG
Issue Date :    27-Sep-2010
Expiration Date : 11-Nov-2010
License Id :    JUNOS275127
License Key :
JUNOS275127 aeaeqa qmifkd amrqhf aummbq ge2qqb qchs5b
7osma4 ugj3ls mxofmw bq4g3u 7qrepa dm6xqw
  
```

Question 36: **jump over**

Which of these about candidate configuration are true? (Choose three)

- A system reboot is needed to change the candidate configuration into active configuration.
- The configure private command allows multiple users to edit the candidate configuration
- (correct)
- The candidate configuration is initially a copy of the active configuration.
- (correct)
- Changes made to the candidate configuration take effect immediately.
- The candidate configuration is a temporary configuration that could become the active configuration.
- (correct)

annotation

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-configuration-files-overview.html

Question 37:jump over

After using the **commit confirmed** command, which command can be used to see when a rollback is scheduled?

- **user@host# show system commit**
- **user@host> show system commit**
- **(correct)**
- **user@host> load system commit**
- **user@host> show commit**

annotation

```
user@host > show system commit
0 2018 - 01 - 05 15 : 00 : 37 PST by root via cli commit
confirmed , rollback in 3mins
```

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-configuration-commit.html

Question 38:jump over

Which of these are true when using the **configure exclusive** command? (Choose three)

- **When a user commits, only the user's changes are committed.**
- **(correct)**
- **Only a single user can make changes to the configuration.**
- **(correct)**
- **Multiple users can enter the configuration mode and have their own private configuration.**
- **A message indicates that another user has locked the configuration, the CLI displays the user and the hierarchy level the user is viewing or editing.**
- **(correct)**

annotation

Configure command -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/configure-command.html

Question 39:jump over

Which of this is true when a user enters private configuration mode by typing **configure private** ? (Choose two)

- **When a user commits, changes made by all users are committed.**
- **All users have their own private candidate configuration.**
- **(correct)**
- **All users have their own active configuration.**
- **When a user commits, only the user's own changes are committed.**

- (correct)

annotation

Configure command -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/configure-command.html

Question 40:jump over

After logging in as a root user, which of these commands must be used to enter operational mode?

- edit
- enable
- configure
- cli
- (correct)

annotation

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB16580>

Question 41:jump over

Which of these commands can be used to display all output at once?

- show interfaces | all
- show interfaces | no-more
- (correct)
- show interface | show all
- show interfaces | display all

annotation

Use the **no-more** switch to display the output all at once instead of one screen at a time.

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-output-managing-with-more-prompt.html

Question 42:jump over

Which of these commands can be used to view the active configuration?

- user@router> show system commit
- user@router> show system configuration
- user@router# show
- user@router> show configuration
- (correct)

annotation

https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/show-configuration.html

Question 43:jump over

For how many minutes is the configuration activated when the **commit confirmed** command is used?

- 30 minutes

- 3 minutes
- 5 minutes
- 10 minutes
- (correct)

annotation

Reference -

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/junos-configuration-commit.html