Факультет Инфокоммуникационных сетей и систем

Кафедра Защищенных систем связи

Лабораторная работа №4

Управление операционной системой Cisco IOS и конфигурационными файлами на

базе коммутаторов

Выполнили студенты группы ИКТЗ-83:

Громов А.А., Миколаени М.С., Мазеин Д.С.

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(Ф.И.О., № группы)   *(подпись)*

Проверил:

Скорых М.А.   _____

(*уч. степень, уч. звание, Ф.И.О.)*   *(подпись)*

Санкт-Петербург

2021

```
Router#sh ver
Router#sh version
Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.1(4)M4, RELEASE SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Wed 23-Feb-11 14:19 by pt_team

ROM: System Bootstrap, Version 15.1(4)M4, RELEASE SOFTWARE (fc1)
cisco1941 uptime is 17 seconds
System returned to ROM by power-on
System image file is "flash0:c1900-universalk9-mz.SPA.151-1.M4.bin"
Last reload type: Normal Reload

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use
encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product
you
agree to comply with applicable laws and regulations. If you are
unable
to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be
found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html
```

```
1  copy tftp flash

2  10.0.0.2

3  c1900-universalk9-mz.SPA.155-3.M4a.bin

4
```

| Physical | Config | Desktop | Programming | Attributes |

Terminal   X

```
% Ambiguous command: "sh v"
R1#sh v
R1#sh ve
R1#sh version
Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.5(3)M4a, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2016 by Cisco Systems, Inc.
Compiled Thu 06-Oct-16 13:56 by mnguyen

ROM: System Bootstrap, Version 15.0(1r)M9, RELEASE SOFTWARE (fc1)


R1 uptime is 30 seconds
System returned to ROM by power-on
System image file is "flash0:c1900-universalk9-mz.SPA.155-3.M4a.bin"
Last reload type: Normal Reload
Last reload reason: Reload Command

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
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```