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ãf◆ãf¼ã,ãf§ãf³ 1.4 : Final

CVSSã,¹ã,³ã,¢ : [9.8](#)

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<#root>

Router>

show udp

Proto	Remote	Port	Local	Port	In	Out	Stat	TTY	OutputIF
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Cisco IOS Software, C2951 Software (C2951-UNIVERSALK9-M), Version 15.5(2)T1, RELEASE SOFTWARE (fc1)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2015 by Cisco Systems, Inc.
Compiled Mon 22-Jun-15 09:32 by prod_rel_team

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Cisco IOS ½äf•äf^ä,|ä,§ä,¢

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CAT3K_CAA-UNIVERSALK9-M

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<#root>

ios-xe-device#

show version

Cisco IOS Software, Catalyst L3 Switch Software (CAT3K_CAA-UNIVERSALK9-M), Version Denali 16.2.1, RELEASE SOFTWARE (fc1)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2016 by Cisco Systems, Inc.
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[IOS and NX-OS Software Reference Guide](#), Chapter 15, Cisco IP Telephony Solutions, Cisco IOS XR Software Configuration Guide, Cisco NX-OS Configuration Guide, and Cisco CoPP Configuration Guide.

For Cisco IOS XR, Cisco ASR 900, Cisco Nexus 5000 Series, and Cisco Catalyst 6500 Series switches, Cisco CoPP is supported on the interfaces shown in Table 15-1. Cisco CoPP is also supported on the Cisco 7900 Series IP phones.

For Cisco NX-OS, Cisco CoPP is supported on the interfaces shown in Table 15-2. Cisco CoPP is also supported on the Cisco 7900 Series IP phones.

Cisco CoPP Configuration Examples

The following examples show how to implement Cisco CoPP on the Cisco 7900 Series IP phones, Cisco IOS XR, Cisco ASR 900, Cisco Catalyst 6500 Series, and Cisco Nexus 5000 Series switches. All examples assume that you have already configured the basic Cisco CoPP setup. For more information, see the Cisco CoPP Configuration Guide.

Cisco 7900 Series IP Phone Configuration Example

The following example shows how to enable Cisco CoPP on a Cisco 7900 Series IP phone. The configuration is similar for the Cisco 7925G, Cisco 7940G, and Cisco 7960G models.

Configuring Cisco CoPP on Cisco 7900 Series IP Phones

```
! -- Create a class-map named "undesirable-udp" that matches all UDP traffic.
class-map match-all undesirable-udp
    match access-group 199

! -- Create a policy-map named "drop-udp" that drops UDP traffic.
policy-map drop-udp
    class undesirable-udp
        drop

! -- Apply the "drop-udp" policy map to the control-plane interface.
control-plane
    service-policy input drop-udp
```

```
! -- ACL for CoPP Undesirable UDP class-map
access-list 199 deny ip any any fragments
! -- Classify traffic destined to UDP Port 18999 so that we can drop it prior to being processed
access-list 199 permit udp any any eq 18999

! -- CoPP Undesirable UDP class-map
class-map match-all undesirable-udp
    match access-group 199

! -- Undesirable UDP Policy Map
policy-map drop-udp
    class undesirable-udp
        drop

! -- Apply Undesirable UDP policy Map
control-plane
    service-policy input drop-udp
```

Cisco IOS XR Configuration Example

The following example shows how to enable Cisco CoPP on a Cisco IOS XR switch. The configuration is similar for Cisco ASR 900 and Cisco Catalyst 6500 Series switches.

```

! -- ACL for CoPP Undesirable UDP class-map
! -- Ignore fragments to prevent them from being misclassified by the policy
access-list 199 deny ip any any fragments
! -- Classify traffic destined to UDP Port 18999 so that we can drop it prior to being processed
access-list 199 permit udp any any eq 18999

! -- CoPP Undesirable UDP class-map
class-map match-all undesirable-udp
  match access-group 199

! -- Undesirable UDP Policy Map - Drop on Police Rate
policy-map drop-udp
  class undesirable-udp
    police rate 8000
      conform-action drop
      exceed-action drop
      violate-action drop

! -- Apply Undesirable UDP policy Map
control-plane
  service-policy input drop-udp

```

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<https://www.cisco.com/c/en/us/about/security-center/copp-best-practices.html>

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翻訳について

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