



International
Civil Aviation
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Международная
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гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

LN 3/20.1 - SA5031

19 January 2016

To: Mr. Philippe Guivarch, Regional Director of Civil Aviation, West Indies and French Guiana
Ms. Chaitrani Heeralall, Director General, Civil Aviation Authority (ag), Guyana
Mr. Andojo Rusland, Minister of Transport, Communication and Tourism, Suriname

Subject: RLA/03/901 – REDDIG II – Course on Interconnecting Cisco Network Devices Part 2 (ICND2)
(Lima, Peru, 4 to 8 April 2016)

Action required: Confirm attendance by 18 March 2016

Sir,

I have the honour to refer to the Eighteenth Meeting of the REDDIG Coordination Committee (RCC/18), held in Lima, Peru, from 2 to 4 March 2015, in which the training plan for 2015 was analyzed for the personnel in charge of the operation and maintenance of the REDDIG nodes equipment, considering the need to provide a basic course on IP CISCO Switches and Routers, principal equipment that conform the REDDIG II.

As you are aware, its purpose is to provide the necessary training for the technical personnel in charge of the REDDIG II maintenance that does not possess a solid knowledge on IP networks and related equipment (CISCO routers and switches). To this end, a first course, "Interconnecting Cisco Network Devices Part 1 (ICND1)", was conducted in Lima, Peru, from 9 to 13 November 2015. The second course, "Interconnecting Cisco Network Devices Part 2 (ICND2)", will be held in Lima, Peru, from 4 to 8 April 2016, to coordinate REDDIG II operations and maintenance activities, and prepare the staff responsible for the maintenance of the REDDIG monitoring system.

The Course is addressed exclusively to the technical personnel in charge of the maintenance of the REDDIG nodes in each one of the State members, preferably the same who assisted to the first Cisco course (ICND1).

The description of the content of the ICND2 course is presented as **Appendix A**. The cost of the ICND2 course for 16 persons is approximately USD 8,000.00 and will be covered by Project RLA/03/901.

In order to participate in the course, one Fellowship for each node installed of the REDDIG II has been considered. If the State in charge of the node would like to include another person in charge of the node's maintenance, it must assume all the travel expenses, including the registration fee.

Attached please find the paper containing general information on the event (**Appendix B**).

I would appreciate receiving a confirmation on participation of your delegates at the course, by sending to this Office the attached Registration Form (**Appendix C**) duly completed for each delegate, no later than **18 March 2016**.

The documentation will be issued in due course on the website of this Office, www.icao.int/sam, *Meetings* option. No printed copies of the documentation will be distributed during the course being desirable that the delegates take them physically or by electronic means. The event will be dictated in Spanish, counting with simultaneous interpretation services to English.

Were you to require further information regarding this activity, please contact Mr. Onofrio Smarrelli (osmarrelli@icao.int), CNS Officer, ICAO SAM Regional Office in Lima.

Accept, Sir, the assurances of my highest consideration.



Franklin Hoyer
Regional Director
ICAO South American Office
Lima

Enclosure

As indicated

cc: Mr. Claude Miquel, Deputy Director of Civil Aviation, West Indies and French Guiana
Mr. Olivier Jouans, Regional Director of ATM services, West Indies and French Guiana
Mrs. Thelma Douglas Pinas, Permanent Secretary, Ministry of Transport, Communication and Tourism, Suriname
Mr. Faizel Baarn, acting Head of Civil Aviation Department, Suriname
Mr. Brian De Souza, acting Director, CASAS, Suriname
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom
Mr. Bruce D'Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom
RLA/03/901 focal points

APPENDIX A / APENDICE A

COURSE ON INTERCONNECTING CISCO NETWORKING DEVICES, PART 2 (ICND2) DESCRIPTION AND CONTENT

CURSO SOBRE LA INTERCONEXIÓN DE RECURSOS DE LA RED CISCO PARTE 2 (ICND2) DESCRIPCION Y CONTENIDO

Description

The Interconnecting Cisco Networking Devices, Part 2 (ICND2) v2.0 provides entry-level network administrators, network support, and help desk technicians with the knowledge and skills needed to install, configure, operate, and troubleshoot a small enterprise network. ICND2 v2.0 is augmented by a virtual classroom presentation, which has additional slides and interactions for instructor use. In addition to the classic hardware-based lab, Cisco will offer a new set of Cisco Learning Lab Classroom Labs. ICND2 v2.0 focuses on understanding redundant topologies, troubleshooting common network issues, configuring EIGRP and multi-area OSPF in both IPv4 and IPv6, understanding Wide Area Network technologies, and becoming familiar with device management and Cisco licensing. The learner will encounter more troubleshooting and more lab time than with the previous version of ICND.

Content

Lesson 1: Review

Topic 1A: Superlab Review

Lesson 2: Implementing Scalable Medium-Sized Network

Topic 2A: Troubleshooting VLAN Connectivity

Topic 2B: Building Redundant Switched Topology

Topic 2C: Improving Redundant Switched Topology

Topic 2D: Understanding Layer 3 Redundancy

Lesson 3: Troubleshooting Basic Connectivity

Topic 3A: Troubleshooting IPv4 Network

Topic 3B: Troubleshooting IPv6 Network

Topic 3C: Implementing an EIGRP-Based Solution

Lesson 4: Implementing an EIGRP

Topic 4A: Troubleshooting EIGRP

Topic 4B: Implementing EIGRP for IPv6

Lesson 5: Implementing a Scalable, Multiarea Network

Topic 5A: OSPF Overview

Topic 5B: Multiarea OSPF IPv4 Implementation

Topic 5C: Troubleshooting Multiarea OSPF

Topic 5D: Examining OSPFv3

Lesson 6: Wide-Area Networks

- Topic 6A: Understanding WAN Technologies
- Topic 6B: Configuring Serial Encapsulation
- Topic 6C: Establishing a WAN Connection Using
- Topic 6D: Introducing VPN Solutions
- Topic 6E: Configuring GRE Tunnels

Lesson 7: Network Device Management

- Topic 7A: Configuring Network Devices to Supp...
- Topic 7B: Managing Cisco Devices
- Topic 7C: Licensing

Lesson 8: ICND2 Superlab

- Topic 8A: ICND2 Superlab

APPENDIX B



International Civil Aviation Organization
South American Regional Office
**RLA/03/901 – REDDIG II – Course on Interconnecting Cisco
Network Devices Part 2 (ICND2)**
(Lima, Peru, 4 to 8 April 2016)

IP-01
18/01/16

GENERAL INFORMATION

(Presented by Secretariat)

1. **Place and date**

The Course on Interconnecting Cisco Network Devices Part 2 (ICND2), will be held at the premises of New Horizons from 4 to 8 April 2016, from 9:00 to 17:00 hours.

IMPORTANT: Only the first day, participants are required to report at 8:00 am with Mr. Onofrio Smarrelli, Coordinator, email: osmarrelli@icao.int at the ICAO South American Regional Office, located in Av. Victor Andres Belaunde 147, Centro Empresarial Real, Torre Real 4 building, 4th floor, San Isidro, Peru, Phone: (511) 611 8686. A bus will be available to transfer all the participants to the premises of New Horizons. The subsequent days, local transportation to New Horizons facilities shall be borne by each participant.

2. **Address**

The New Horizons offices are located in Av. Paseo de la República 2151, La Victoria, Lima 13.

3. **Opening**

The opening session will be held on Monday, 4 April 2016, at 9:00 hours at the New Horizons offices.

4. **Weather temperature**

Please refer to <http://www.senamhi.gob.pe/>, to inform yourself on the temperature in Lima during the period of your interest.

Hereunder are approximates:

JAN-MAR: 21 - 29 °C (70 - 84 °F)

APR-JUN: 17 - 27 °C (63 - 81 °F)

JUL-SEP: 15 - 19 °C (59 - 66 °F)

OCT-DEC: 16 - 24 °C (61 - 75 °F)

5. **Money exchange**

The Peruvian currency is the Sol Peruano (S/). Please go to <http://www.peru.gob.pe/>, to inform yourself on the current exchange. Preferably, make your changes at the banks, between the hours of 9:00 to 18:00 hours.

6. **Credit Cards**

Credit cards as American Express, Master Card, VISA, Diners Club, etc, are usually welcome in hotels, shopping centres and restaurants. Traveller's checks should be exchanged in banks.

7. **Accommodation**

Reservations should be arranged directly with the hotel and well in advance. In view of the various events carried out in Lima, prices may vary.

HOTEL	TELÉFONO/FAX	DIRECCIÓN	HABITACIÓN SIMPLE	HABITACIÓN DOBLE
Hotel Boulevard	Tel: + 51 1 444-6562 / 63 reservasboulevard@speedy.com.pe http://www.hotelboulevard.com.pe	Av. José Pardo 771, Miraflores, Lima 18	US\$140.00	US\$160.00
Hotel José Antonio	Tel: +51 1 445-7743 http://www.hotelesjoseantonio.com ventas@hotelesjoseantonio.com	Av. 28 de Julio 398, Miraflores	Estandard US\$100.00 Ejecutiva US\$110.00	Estandard US\$110.00 Ejecutiva US\$130.00
Apart Hotel El Doral	Tel. +51 1 242-799 http://www.eldoral.com.pe aparthotel@eldoral.com.pe	Av. José Pardo 486, Miraflores	US\$63.00 + 10%	US\$73.00 + 10%
Hostal El Farolito	Tel: +51 1 241-2942 elfarolito.hotel@gmail.com	Av. Dos de Mayo 321, Miraflores	S/.125.00	S/.184.00
Plaza del Bosque Apart Hotel	Tel: +51 1 616-1818 / 616-2121 http://www.plazadelbosque.com reservas@plazadelbosque.com	Av. Paz Soldán 190, San Isidro (a 3 cuadras de la Oficina)	Suite Junior US\$100.00 + 10%, Suite Ejecutiva US\$ 140.00 + 10%	Suite Junior US\$110.00 + 10%, Suite Ejecutiva US\$ 150.00 + 10%

8. **Transportation from/to the airport**

There are authorized taxis services at the Jorge Chavez International Airport. The rate to Miraflores or San Isidro (hotel area) is of approximately US\$ 30.00. This rate can be confirmed in counters at the Airport's international arrivals area. Taking into account the increase in assaults against persons who travel in the route to and from the airport, the following taxi companies are suggested: Lima Remisse Tel: +51 1 425-7710 / E-mail: reservas@limaremissee.com

9. **Hospitals**

In case of emergency, Clínica Anglo Americana is recommended, which is located in Alfredo Salazar s/n, Miraflores, Tel: +51 1 616-8900.

10. **Commercial hours**

From 9:00 to 18:00 hours approximately.
At the shopping centers, from 10:00 to 22:00 hours.

11. **Electricity**

220Volts / 60Hz.

12. **Airport tax**

Exit airport tax is US\$ 31.50 American Dollars, normally included in the air ticket.

13. **Visa and vaccination requirements**

To enter the country, an updated passport and visa are required; however, it is recommended to contact the Peruvian Embassy or Consulate in your country, to enquire on this requirement well before your departure. Please note that it is not possible to obtain entry visas upon arrival in Peru. Will appreciate you also verify if yellow-fever or any other vaccination is required.

14. **Contact Information**

Mr. Onofrio Smarrelli, Coordinator
Tel: +51 1 611-8686
E-mail: osmarrelli@icao.int

Mrs.. Verónica Chávez, Technical Assistance Officer
Tel: +51 1 611-8686
E-mail: vchavez@icao.int



APÉNDICE C/APPENDIX C

ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL
INTERNATIONAL CIVIL AVIATION ORGANIZATION

Proyecto Regional RLA/03/901 - Sistema de Gestión de la REDDIG y Administración del Segmento Satelital
Regional Project RLA/03/901 - REDDIG Management System and Administration of the Satellite Segment

Curso sobre la Interconexión de Recursos de la Red CISCO Parte 2 (ICND2)
Course on Interconnecting Cisco Network Devices Part 2 (ICND2)

Lima, Perú, 4 al 8 de abril de 2016 / Lima, Peru, 4 to 8 April 2016

FORMULARIO DE REGISTRO / REGISTRATION FORM

Participaré en el curso
Will participate in the course

1. Estado/*State:*

Organismo/*Organization:*

2. Nombre/*Name:*

3. Cargo/*Position:*

4. Dirección oficial /
Business address:

5. Tel.: _____ Fax: _____ E-mail: _____

6. Hotel o dirección en la ciudad/
Hotel or local address:

7. Información de vuelo/
Flight information:

Vuelo de llegada/ fecha/ hora/
Arrival flight/ date/ hour:

Vuelo de salida/ fecha/ hora/
Departure flight/ date/ hour:

Firma /
Signature:

Fecha /
Date:

Por favor envíe este formulario a: / Please return this form to: icaosam@icao.int