



ICAO

*International Civil Aviation Organization*

**Twelfth Meeting of the Common aeRonautical Virtual  
Private Network Operations Group (CRV OG/12)**

*Denarau Island, Fiji, 23-26 January 2024*

- Agenda Item 3: CRV OG Reference documents
- CRV OG Operations Manual
  - CRV Implementation Plan
  - Outcomes of Ad-hoc expert Strategy, Design, Transition and, Operations Groups

## **OUTCOMES OF AD-HOC GROUP MEETINGS**

(Presented by Airways New Zealand)

### **SUMMARY**

This paper presents a summary of the outcomes of the APAC CRV Ad-Hoc Group discussions

## **1. INTRODUCTION**

- 1.1 Three Ad-hoc meetings were held between CRV OG/11 on 1-3 Feb 2023 and CRV OG/12 on 23 -26 Jan 2023 via Microsoft TEAMS VTC

## **2. DISCUSSION**

- 2.1 The following were the topics for discussion at the Ad Hoc Experts meeting:

### Service Strategy

All current work in this section has been completed.

### Service Design

All current work in this section has been completed.

### Service Transition

All current work in this section has been completed.

### Service Operation

All current work in this section has been completed.

### Outcomes of Joint CRV OG Ad-hoc Expert and SWIM TF TLs Meetings

The various meeting outcomes were discussed and will be presented in WP/21

### Preparation for CRV OG Ad-hoc Governance Group

The following was discussed and will be detailed in WP/19

- Draft Terms of Reference
- Length of the governance work.
- Meeting Planner
- The REDDIG II and New PENs presentations

Using Rest of the MSA Money

Terms of reference for the Cyber Security review was presented.

CRV Users vs State

This was discussed and will be detailed in WP/17

CRV and REDDIG II interconnection

There has been no progress on this due to no communication from the REDDIG II service provider.

The mandate of firewall

It was decided to review the discussion on whether or not a CRV firewall should be mandated until after the Cyber Security review.

Also New Security ICAO documents 10090 and 10095 should be available in 2024.

CRV Common Package Review

There is a lack of consistency in the naming of these as some are direct from the RFP either CRV written documents or PCCWG written documents. There are also double ups. Should we tidy up the naming? What should the standard be? CRV – name for CRV OG written docs and Provider – name for those provided by PCCWG?

Continues to be a work in progress.

IP Address allocation to CRV Users: Industry

There is a separate block of IP addresses for industries.

Currently, each State manages its IP address. For industries, CRV OG can do it. CRV OG.

This is a work in progress.

Testing

As a result of discussing adding SWIM to the CRV, how we test was raised. This is covered in more detail in WP/14

Third party security

A very hot topic in security at the moment. Need some thoughts and ideas on Third party security, ie applications or services not under our direct control.

This is a work in progress.

Guidance on Connectivity

Similar to the testing section above. The SWIM discussions started to head down a path of adding new circuits just for SWIM. This implies the need for

more clarity in the Operations Manual and maybe a flyer describing the purpose and implementation of CRV. This is a work in progress.

Outcomes of CNS SG27

Significant updates from CNS SG27 were shared with the Meeting.

This has been detailed in WP/02

Process and Procedures into the CRV OG OM clarifying that Member States can request support from the ICAO Secretariat and CRV OG for dispute resolution matters or other significant issues if they arise.

Whilst we have clauses in the Ts and Cs which covers issues arising with the contract, we are missing a process and procedure in the Operations Manual that provides direction for Users when there are issues. When and where does ICAO and the OG get involved before escalating into Arbitration? Who does a user contact first? What information is required to allow ICAO and/or OG to act.

This will be documented in the Operations Manual Section – Service Strategy – Business Relationship Management

- 2.2 The work of the Ad Hoc Expert Group continues to be extremely valuable and I thank you all for your ongoing contribution.

**3. ACTION BY THE MEETING**

- 3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) review the outcomes of the meeting;
- c) contribute and participate in Ad-hoc group meetings; and
- d) discuss any relevant matter as appropriate.

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