Documentation Suite Overview

7705 Service Aggregation Router, Release 8.0

Introduction

This document describes the following for the 7705 Service Aggregation Router, Release 8.0:

- 7705 SAR platforms
- software documents in this documentation suite
- hardware documents in this documentation suite
- quick reference cards in this documentation suite
- accessing and searching the documentation
- contact information

7705 SAR Platforms

SAR-8

SAR-18

SAR-A

SAR-Ax

SAR-H

SAR-Hc

SAR-M

SAR-O

SAR-W

SAR-Wx

SAR-X

Software documents in this documentation suite

The following table describes the software documents in this documentation suite and the intended audience.

Intended audience legend:

- **A**—Network architects and designers
- **B**—Installers and hardware maintenance technicians
- **C**—Network technicians, administrators, operators, and service providers

Document	Description	Intended Audience		
		A	B	C
7705 SAR Basic System Configuration Guide	This guide describes CLI and file system concepts and provides configuration explanations and examples to configure the 7705 SAR boot option file (BOF) and perform system and file management functions.	Y	Y	Y
7705 SAR Interface Configuration Guide	This guide describes card, module, and port features and provides configuration examples to configure CSM cards, adapter cards, modules and ports for the 7705 SAR.	Y		Y
7705 SAR MPLS Guide	This guide describes how to configure Multiprotocol Label Switching (MPLS), Resource Reservation Protocol for Traffic Engineering (RSVP-TE), and Label Distribution Protocol (LDP).	Y		Y
7705 SAR OAM and Diagnostics Guide	This guide describes Operations, Administration and Management (OAM) and diagnostic tools provided by the 7705 SAR and presents examples to configure and implement various tests.	Y		Y
7705 SAR Quality of Service Guide	This guide describes the Quality of Service (QoS) functionality provided by the 7705 SAR and presents configuration and implementation examples.	Y		Y
7705 SAR Router Configuration Guide	This guide describes logical IP routing interfaces, filtering, and routing policy support provided by the 7705 SAR and presents configuration and implementation examples.	Y		Y
7705 SAR Routing Protocols Guide	This guide provides an overview of dynamic routing concepts and describes how to configure them.	Y		Y
7705 SAR Services Guide	This guide describes how to configure service parameters such as service access points (SAPs), service destination points (SDPs), customer information, and user services.	Y		Y
7705 SAR System Management Guide	This guide describes router security, user accessibility, SNMP features, and event and accounting logs, and provides configuration information and examples.	Y		Y

Hardware documents in this documentation suite

The intended audience for the hardware documents in this documentation suite are network architects and designers, installers, and hardware maintenance technicians.

- 7705 SAR 2-port 10GigE (Ethernet) Adapter Card/Module Installation Guide
- 7705 SAR 4-port SAR-H Fast Ethernet Module Installation Guide
- 7705 SAR 4-port T1/E1 and RS-232 Combination Module Installation Guide
- 7705 SAR 6-port E&M Adapter Card Installation Guide
- 7705 SAR 6-port FXS Adapter Card Installation Guide
- 7705 SAR 6-port SAR-M Ethernet Module Installation Guide
- 7705 SAR 8-port FXO Adapter Card Installation Guide
- 7705 SAR 8-port Voice & Teleprotection Card Installation Guide
- 7705 SAR 10-port 1GigE/1-port 10GigE X-Adapter Card Installation Guide
- 7705 SAR Auxiliary Alarm Card Installation Guide
- 7705 SAR CWDM OADM Adapter Card/Module Installation Guide
- 7705 SAR DS3/E3 Adapter Card Installation Guide
- 7705 SAR DSL Module Installation Guide
- 7705 SAR Ethernet/Gigabit Ethernet Adapter Card Installation Guide
- 7705 SAR GNSS Receiver Card Installation Guide
- 7705 SAR GPON Module Installation Guide
- 7705 SAR GPS Receiver Module Installation Guide
- 7705 SAR Integrated Services Card Installation Guide
- 7705 SAR SONET/SDH Adapter Card Installation Guide
- 7705 SAR Packet Microwave Adapter Card Installation Guide
- 7705 SAR Power Injector Card Installation Guide
- 7705 SAR-8 Chassis Installation Guide
- 7705 SAR-18 Chassis Installation Guide
- 7705 SAR-A Chassis Installation Guide
- 7705 SAR-Ax Chassis Installation Guide
- 7705 SAR-H Chassis Installation Guide
- 7705 SAR-Hc Chassis Installation Guide
- 7705 SAR-M Chassis Installation Guide
- 7705 SAR-O Chassis Installation Guide
- 7705 SAR-W Chassis Installation Guide
- 7705 SAR-Wx Chassis Installation Guide
- 7705 SAR-X Chassis Installation Guide
- 7705 SAR Serial Data Interface Card Installation Guide
- 7705 SAR T1/E1 ASAP Adapter Card Installation Guide

The documentation set also includes the 9500 Microwave Packet Radio, MPT Craft Terminal User Manual for Single NE Mode with 7705 SAR. The manual provides information about using the 9500 MPR MPT Craft Terminal interface with an MPT radio in Single NE Mode with the 7705 SAR.

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Using the Documentation Center to access 7705 SAR documentation

1. Open a browser and navigate to:

   [Customer Documentation Welcome Page](#)

   The Documentation Center appears. By default, the products are listed by the most accessed.

   a) To list products alphabetically, click All Products (A-Z).

   b) To list products by product category, click Product Category, and select a category from the list that appears on the right. The associated products appear in the product list.

2. Click on 7705 SAR (Service Aggregation Router) in the list. The documentation webpage for that product appears. The most recent documents are listed by default.

3. To search for specific title words or document numbers on the documentation webpage, enter a search term in the "Search for:" field and choose one of the following from the drop-down menu:

   • Title (default)

   • Doc Number (in format 3HE xxxxx NNNN)

   Click Search. The list of documents that meet your search criteria appears on the right.

   Note: You can click Reset All to remove the search filter.

4. To filter or sort the documents on the documentation webpage, choose an option for one or more of the following:

   • Release—filters listed documents by the release number

   • Model—filters listed documents by the 7705 SAR model

   • Content Type—filters listed documents by content type: All Types, Manuals and Guides, or Release Information

   • Category—filters listed documents by documentation category: All Categories, Administration, Alarm, Configuration, Installation, Maintenance, Planning, Provisioning, Safety, Security, Troubleshooting, or User Guide

   • Format—filters listed documents by document format: All Formats, PDF, HTML, or Zip Collection

   • Sort—sorts listed documents by Issue Date, Title (A-Z), Doc Number, or Most Accessed (A-Z)

   The list of documents that meet your filtering and sorting criteria appears on the right. You can choose additional options to reduce the number of results.

   Note: You can click Reset All to remove any filtering or sorting.

5. Select a document by clicking the associated icon:

   • PDF icon—the PDF appears

   • HTML icon—the document in HTML appears

   • Zip Collection icon—a Save As window appears. Navigate to a location on your computer and click Save.

   Note: If the document is restricted, a key is displayed beside the part number. This means that you must log in to OLCS and enter your user name and password. If you cannot access the document after logging in, your account does not have permission to access the document. Contact your Nokia technical support representative.

   If you do not have a username and password, you can request one from the Documentation Center webpage. A link is also available to provide feedback about the Documentation Center webpage.

Searching the Documentation Center for specific text in the 7705 SAR documentation

This procedure only searches for text in PDF files.

1. Open a browser and navigate to:

   http://documentation.alcatel-lucent.com

   The Documentation Center appears. By default, the products are listed by the most accessed.

   a) To list products alphabetically, click All Products (A-Z).

   b) To list products by product category, click Product Category, and select a category from the list that appears on the right. The associated products appear in the product list.

2. Click on 7705 SAR (Service Aggregation Router) in the list. The documentation webpage for that product appears. The most recent documents are listed by default.

3. Enter a search term and choose Full Text from the "Search for:" drop-down menu.

   Note: To search for phrases, type the phrase within quotation marks; for example, "synchronous Ethernet".

4. Click Search. The Search Results webpage appears.

5. To filter the results from Full Text searches, choose one of the following from the Refine By sidebar on the Search Results webpage:

   • Language

   • Dates

6. To sort the results from Full Text searches, choose one of the following from the Sort By drop-down menu on the Search Results webpage:

   • Relevance (default)

   • Title

   • Date

7. Click a document title. The PDF appears.

Multiple PDF file search

You can use Adobe Reader, Release 6.0 or later, to search multiple PDF files for a term. Adobe Reader displays the results in a display panel. The results are grouped by PDF file. You can expand the entry for each file.

Note: The PDF files that you search must be in the same folder.

1. Open Adobe Reader.

2. Choose Edit→Search from the Adobe Reader main menu. The Search panel appears.

3. Enter the term to search for.

4. Select "All PDF Documents in".

5. Choose the folder in which to search using the drop-down menu.

6. Select the following search criteria, if required:

   • Whole words only

   • Case-Sensitive

   • Include Bookmarks

   • Include Comments

7. Click Search.

   Adobe Reader displays the search results. You can expand the entries for each file by clicking on the + symbol.

8. Click on a search result to go directly to that location in the selected file.

Proximity search

Use Adobe Reader proximity searches to reduce the number of results for a search.

Note: Proximity searches can only be performed on multiple PDFs.

1. Open Adobe Reader.

2. Choose Edit→Preferences from the main menu. The Preferences window appears.

3. Choose Search in the Categories window. The Search preferences appear.

4. Enter a number (for example, 25) in the "Range of words for Proximity searches" field.

   Note: A lower number improves the proximity search.

5. Click OK to save the changes and close the Preferences window.

6. Choose Edit→Search from the main menu.

7. Click the "Use Advanced Search Options" link at the bottom of the Search window. The Advanced Search window opens.

8. In the Look In drop-down menu, choose the folder in which to search.

9. Enter the terms for the proximity search in the "What word or phrase would you like to search for?" field. Do not use any text or punctuation (such as commas, quotation marks, "and", "or") to separate search terms.

10. Choose Match All of the words from the "Return results containing" field. The Proximity check box is now selectable.

11. Select the Proximity check box.

12. Click Search. If the number of search results is too high or low, repeat steps 2 to 5 to decrease or increase the value in the "Range of words for Proximity searches" field.

Documentation support

If you have questions or comments about this documentation suite, contact:

[Customer Documentation Feedback](#)

Technical support

Customer support representatives are available to assist you 24 hours a day, 7 days a week. For a list of regional contact telephone and fax numbers, go to:

[Product Support Portal](#)