

Documentation suite overview

7705 Service Aggregation Router, Release 24.10

Introduction

This document describes the following for the 7705 Service Aggregation Router, Release 24.10:

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

7705 SAR platforms



Software documents

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 provides an overview of the CLI and describes 7705 SAR boot options file (BOF) configuration, file system management, and basic system management such as node timing and synchronization.	Y	Y	Y
7705 SAR Interface Configuration Guide	This guide describes the functionality of the 7705 SAR cards, modules, and ports and how to configure these components.	Y		Y
7705 SAR Log Events Guide	This guide provides information about the log events for the 7705 SAR.	Y	Y	Y
7705 SAR MPLS Guide	This guide describes how to configure MPLS, RSVP-TE, PCEP, and LDP protocols on the 7705 SAR.	Y		Y
7705 SAR OAM and Diagnostics Guide	This guide describes how to use the Operations, Administration and Management (OAM) and diagnostic tools provided by the 7705 SAR, including how to configure mirroring.	Y		Y
7705 SAR Quality of Service Guide	This guide describes the Quality of Service (QoS) functionality provided by the 7705 SAR and how to configure and implement QoS on the router.	Y		Y
7705 SAR Router Configuration Guide	This guide describes how to configure logical IP routing interfaces, VRRP filtering, routing policies, and the cflowd tool on the 7705 SAR.	Y		Y
7705 SAR Routing Protocols Guide	This guide describes how to configure unicast routing protocols (OSFP, IS-IS, BGP, RIP) and multicast routing protocols (IGMP, MLD, PIM, MSDP) supported on the 7705 SAR.	Y		Y
7705 SAR Services Guide	This guide describes how to configure service parameters such as service access points (SAPs) and service destination points (SDPs), Layer 2 and Layer 3 services, security functions (IPSec), and encryption functions (NGE) on the 7705 SAR.	Y		Y
7705 SAR System Management Guide	This guide describes how to configure system security and access features, SNMP functionality, and event and accounting logs on the 7705 SAR.	Y		Y

Hardware documents

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 C37.94 Teleprotection Card 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 Ethernet/Gigabit Ethernet Adapter Card Installation Guide
- 7705 SAR GNSS Receiver Card Installation Guide
- 7705 SAR GPS Receiver Module Installation Guide
- 7705 SAR Integrated Services Card Installation Guide
- 7705 SAR Packet Microwave Adapter Card Installation Guide
- 7705 SAR Power Injector Card Installation Guide
- 7705 SAR Serial Data Interface Card Installation Guide
- 7705 SAR SONET/SDH Adapter Card Installation Guide
- 7705 SAR T1/E1 ASAP Adapter Card Installation Guide
- 7705 SAR-8 Shelf V2 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-Wx Chassis Installation Guide
- 7705 SAR-X Chassis Installation Guide



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### Supplementary documentation

- Best Practices for Improving Equipment Protection and Longevity
- GNSS Installation Guide
- Wavence MPT Craft Terminal User Manual for Single NE Mode with 7705 SAR – provides information about using the Wavence MPT Craft Terminal interface with an MPT radio in Single NE Mode with the 7705 SAR

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### Quick reference cards

- 7705 SAR Card and Module Support Quick Reference Card
- 7705 SAR Installation, Provisioning, and Commissioning Checklist
- 7705 SAR Quick Reference for Services, Encapsulations, and Synchronization per Adapter Card, Platform, and Module
- 7705 SAR Command Line Interface Quick Reference Card

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### Accessing documentation

Nokia customer documentation can be accessed through:

- [WebHelp](#)
- [Nokia Documentation Center](#)

The 7705 SAR software user guides are available in PDF and HTML format. The hardware guides, software release notes, and quick reference cards are available in PDF format only.

The software user guides are publicly available (no authentication is required). The hardware guides, release notes, and some quick reference cards are restricted (authentication is required).

The software user guides can be accessed using a Google search. For best results, search using the term “7705 SAR” followed by the current release and any applicable keywords. Because the hardware guides are restricted, they cannot be accessed using a Google search.

**Note:** Depending on your account permissions and login status, you may not be authorized to display or download restricted guides (indicated by a key symbol beside the document ID). If the guide remains restricted after a valid login, contact a Nokia technical support representative to check your account permissions.

The 7705 SAR documentation is available in the following formats:

- PDF
- zipped PDF library
- WebHelp HTML
- downloadable HTML library (WebHelp format)

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### Documentation support

You can use the following methods to report issues with the documentation, including errors or areas that need clarification, or to provide suggestions for improvement:

- **email**  
Send your feedback in an email to [documentation.feedback@nokia.com](mailto:documentation.feedback@nokia.com). Include the guide name, topic, and release.
- **online WebHelp**  
In the online WebHelp, click the email feedback icon next to the topic title. Use the pop-up email to provide your comments about the topic.

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### 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](#)

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