



# UPC CUPS Documentation Map, Release 21.24

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Table 1. UPC CUPS Documentation Map

Information Type	Document	Description
Overview information	<a href="#">UPC CUPS Overview Guide, Release 21.24</a>	Provides an overview of CUPS, architecture, platform requirements, etc.
Deployment information	<a href="#">VPC-DI System Administration Guide, StarOS Release 21.24</a> <a href="#">VPC-SI System Administration Guide, StarOS Release 21.24</a>	Provides information on the Cisco Virtualized Packet Core– Distributed Instance (VPC-DI) and Cisco Virtualized Packet Core– Single Instance (VPC-SI), which consolidates the operations of the physical Cisco ASR 5500 chassis running StarOS into a single Virtual Machine (VM) that can run on commercial off-the-shelf (COTS) servers.  <b>NOTE:</b> For information on deploying VPC-DI and VPC-SI, contact your Cisco Account representative.
CUPS Control Plane feature configuration procedures and troubleshooting information	<a href="#">UPC CUPS Control Plane Configuration and Administration Guide, Release 21.24</a>	Describes the CUPS Control Plane, how to configure the various features, monitoring and troubleshooting information.
CUPS User Plane feature configuration procedures and troubleshooting information	<a href="#">UPC CUPS User Plane Configuration and Administration Guide, Release 21.24</a>	Describes the CUPS User Plane, how to configure the various features, monitoring and troubleshooting information.
CUPS Sx Interface feature configuration procedures and troubleshooting information	<a href="#">UPC CUPS Sx Interface Configuration and Administration Guide, Release 21.24</a>	Describes the CUPS Sx interface, how to configure the various features, monitoring and troubleshooting information.
Redundancy Configuration Manager (RCM)	<a href="#">RCM Configuration and Administration Guide, Release 21.24</a>	Provides an overview of RCM, RCM High Availability, RCM IPSec, and N:M UP redundancy.
Lawful Intercept Support	<a href="#">UPC CUPS LI Guide, Release 21.24</a>	Describes Lawful Intercept support in CUPS.  <b>NOTE:</b> For access to the documentation, contact your Cisco Account representative.
Bulk Statistics	<a href="#">Statistics and Counters Reference - Bulkstatistic Descriptions, StarOS Release 21.24</a>	Provides detailed descriptions of CUPS bulk statistics.
Release Notes	<a href="#">21.24.1 ReleaseNotes</a>	Provides information to download the software. Lists resolved and open defects, upgrade and migration paths, limitations, and additional notes in this release.

Information Type	Document	Description
CLI Reference information	<a href="#">Command Line Interface Reference, Modes A - B, StarOS Release 21.24</a> <a href="#">Command Line Interface Reference, Modes C - D, StarOS Release 21.24</a> <a href="#">Command Line Interface Reference, Modes E - F, StarOS Release 21.24</a> <a href="#">Command Line Interface Reference, Modes G - H, StarOS Release 21.24</a> <a href="#">Command Line Interface Reference, Modes I - Q, StarOS Release 21.24</a> <a href="#">Command Line Interface Reference, Modes R - Z, StarOS Release 21.24</a>	Provides information on the CLI commands for CUPS.  <b>NOTE:</b> Not all configurations/ features/functionality are applicable for CUPS.
Statistics and Counters information	<a href="#">Statistics and Counters Reference, StarOS Release 21.24</a>	Provides information on statistics and counters for CUPS.  <b>NOTE:</b> Not all statistics and counters are applicable for CUPS.
SNMP MIB information	<a href="#">SNMP MIB Reference, StarOS Release 21.24</a>	Provides information on SNMP MIBs for CUPS.
<b>StarOS Reference Documentation</b>		
Authentication, Authorization, and Accounting (AAA) reference	<a href="#">AAA Interface Administration and Reference, StarOS Release 21.24</a>	Describes RADIUS and Diameter attributes supported in StarOS.  <b>NOTE:</b> Not all RADIUS and Diameter attributes and/or features are applicable to CUPS.
Application Detection and Control (ADC)	<a href="#">ADC Administration Guide, StarOS Release 21.24</a>	Describes the ADC in-line service, which is used to detect Peer-to-Peer protocols by analyzing traffic.  <b>NOTE:</b> Not all ADC features/functionality are applicable for CUPS.
Content Filtering (CF)	<a href="#">CF Administration Guide, StarOS Release 21.24</a> <a href="#">Content Classification Manager Administration Guide, StarOS Release 21.24</a>	Describes Content Filtering, which is an in-line service available for 3GPP and 3GPP2 networks to filter HTTP and WAP requests from mobile subscribers based on the URLs in the requests.  <b>NOTE:</b> Not all CF features/functionality are applicable for CUPS.
Enhanced Charging Service (ECS)	<a href="#">ECS Administration Guide, StarOS Release 21.24</a>	Describes the ECS, which is an in-line service feature that enables operators to reduce billing-related costs and gives the ability to offer tiered, detailed, and itemized billing to their subscribers.  <b>NOTE:</b> Not all ECS features/functionality are applicable for CUPS.
Gateway GPRS Support Node (GGSN)	<a href="#">GGSN Administration Guide, StarOS Release 21.24</a>	Describes the GGSN, which provides wireless carriers with a flexible solution that functions in General Packet Radio Service (GPRS) or Universal Mobile Telecommunications System (UMTS) wireless data networks.  <b>NOTE:</b> Not all GGSN features/functionality/interfaces are applicable for CUPS.
GPRS Tunneling Protocol Prime (GTPP)	<a href="#">GTPP Interface Administration and Reference, StarOS Release 21.24</a>	Describes the GTPP protocol accounting, and the specific Charging Data Records (CDRs) supported in the Cisco ASR 5500 Multimedia Core Platform.  <b>NOTE:</b> Not all GTPP features/functionality/CDRs are applicable for CUPS.

Information Type	Document	Description
Network Address Translation (NAT)	<a href="#">NAT Administration Guide, StarOS Release 21.24</a>	Describes the NAT, which is an in-line service feature that translates non-routable private IP address(es) to routable public IP address(es) from a pool of public IP addresses that have been designated for NAT.  <b>NOTE:</b> Not all NAT features/functionality are applicable for CUPS.
Open Source Software License information	<a href="#">Open Source Software Licenses in the StarOS Release 21.24</a>	Provides information about Open Source used in StarOS.
Packet Data Network (PDN) Gateway (P-GW)	<a href="#">P-GW Administration Guide, StarOS Release 21.24</a>	Describes the P-GW, which is a critical network function for the 4G mobile core network, known as the evolved packet core (EPC).  <b>NOTE:</b> Not all P-GW features/functionality are applicable for CUPS.
Serving Gateway (S-GW)	<a href="#">S-GW Administration Guide, StarOS Release 21.24</a>	Describes the S-GW, which routes and forwards data packets from the UE and acts as the mobility anchor during inter-eNodeB handovers.  <b>NOTE:</b> Not all S-GW features/functionality are applicable for CUPS.
System Architecture Evolution Gateway (SAEGW)	<a href="#">SAEGW Administration Guide, StarOS Release 21.24</a>	Describes the SAEGW, which provides wireless carriers with a flexible solution that functions with P-GW and S-GW in LTE-SAE (3GPP2 Long Term Evolution-System Architecture Evolution) wireless data networks.  <b>NOTE:</b> Not all SAEGW features/functionality are applicable for CUPS.
Thresholding	<a href="#">Thresholding Configuration Guide, StarOS Release 21.24</a>	Describes the Thresholding on the system that is used to monitor the system for conditions that could potentially cause errors or outage.  <b>NOTE:</b> Not all Thresholds/features/functionality are applicable for CUPS.

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