Documentation Reference

Release 6.1
February 2015
Updated May 2015

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Documentation Reference

This reference is to help direct you to the appropriate documentation to start using MATE Live, MATE Design, MATE Design Archive, Collector Module, and the WAE Core modules.

- **MATE Live**—This web application gives visibility into the network infrastructure, state, and traffic utilization captured by Collector. Combined, the Explore, Analytics, and Map components provide an interactive means of finding summarized aggregate views or quickly navigating to relevant details to find problems in the network.
- **MATE Design**—This stand-alone software enables you to model, simulate, and analyze failures, design changes, and impact of traffic growth, as well as optimize your network for maximum efficiency.

  MATE Design Archive—This web application stores network information collected by Collector for viewing network changes over time.
- **Collector Module**—Collector Module is one of the modules in the WAE Platform. Collector automatically gathers and continuously maintains information on infrastructure elements, topology, operational state, and traffic statistics for continuous use in the MATE Live and MATE Design Archive applications, as well as in the WAE platform. This information can also be imported into the MATE GUI for use by MATE Design users and administrators who are using the MATE GUI to create templates for the web applications.

  Collector configuration is accessible from a web UI that can be supplemented by scripts for advanced collection and preparation of network plan files.
- **WAE Core Modules**—The WAE platform consists of the Collector Module and a set of modules called the "WAE Core Modules," which include the Plan Module, Optimization and Prediction Module, and Deployer Module. These are limited-availability this release. For information, contact your Cisco representative.
- **WAE Platform**—SDN platform enables you to abstract and simplify your WAN environment while making it fully open and programmable. You can automate operations, such as managing, controlling, analyzing, and improving network performance and capacity planning.

The Collector, MATE Live, and MATE Design Archive UIs are all available from a web UI. From here, you can perform system-wide tasks that apply to the Collector server and to these applications, such as managing licenses and user permissions. You cannot access the MATE Design application or the WAE Core modules from the web UI.

Where to Find Information?

Note Throughout this reference, `$CARIDEN_HOME` means the directory in which the MATE package[1] is installed. The default Linux `$CARIDEN_HOME` is `/opt/cariden/software/mate/current`.

- All MATE documentation and Collector documentation are in the `$CARIDEN_HOME/docs` directory.
- All Collector, MATE Live, and MATE Design CLI tools are in the `$CARIDEN_HOME/bin` directory.

Tasks	Interface	Resource
Installation		
Install packages for MATE and WAE	Installer script	*Server Installation Guide for MATE and WAE*
Install FlexNet Publisher license server	CLI tools	*Server Installation Guide for MATE and WAE* *MATE GUI Installation Guide*
Install MATE GUI	Zip files (Windows or Mac) or installer script (Linux)	*MATE GUI Installation Guide*
Install a MATE Live datastore	CLI tools	*MATE Live Configuration Guide*
Install licenses		
• MATE Design license	CLI tools or MATE GUI	*MATE GUI Installation Guide*
• MATE licenses for Collector or MATE Live	CLI tools or web System UI	*Server Installation Guide for MATE and WAE*
• WAE licenses	CLI tools	*Server Installation Guide for MATE and WAE*
Configuration		
Configure single system WAE Core	Configuration files	*WAE Platform Configuration Guide*
Discover topology, operational state, and traffic statistics		
• Configure the Collector server	Collector UI	*WAE Platform Configuration Guide*
• Configure the Continuous Poller server	Collector UI, snapshot configuration files	*WAE Platform Configuration Guide*
• Augmented discovery using snapshot files and the data collected using the Collector UI	Collector UI, snapshot configuration files, and CLI tools	*WAE Platform Configuration Guide*
• Manual discovery using only snapshot files	Snapshot configuration files, and CLI tools	*WAE Platform Configuration Guide*
• Collector CLI tools used in snapshot configurations	CLI tools	*Table Schema and CLI Reference* `$CARIDEN_HOME/bin`

1. The MATE package includes all MATE applications and the Collector server.

Tasks	Interface	Resource
• Manage archives for use in augmented and manual discovery processes	CLI tools	*WAE Platform Configuration Guide*
Get the collected information into MATE Live	MATE Live UI	*MATE Live Configuration Guide*
Deploy changes to a live network	MATE GUI	*WAE Platform Configuration Guide*
	WAE Core APIs	Not applicable
Back up and restore a MATE Live datastore	CLI tools	*MATE Live Configuration Guide*
System Administration		
Manage services	CLI tools	*System Administration Guide*
Manage administration tasks, such as setting up licenses and users (for Collector server, MATE Live, and MATE Design Archive)	Web UI	*WAE Platform Configuration Guide*
Application Customization		
Customize the MATE Live application	MATE Live UI	*MATE Live Configuration Guide*
Customize the MATE Design Archive application	MATE Design Archive UI and configuration files	*MATE Design Archive User and Administration Guide*
Create templates for visualizing the network	MATE GUI	*MATE GUI Visualization Guide*
Using the Applications (after installation and configuration tasks are complete)		
MATE Live	MATE Live UI	*MATE Live User Guide*
MATE Design	MATE GUI	*MATE Design User Guide* *MATE GUI Visualization Guide*
MATE GUI to create templates for use in the web applications	MATE GUI	*MATE GUI Visualization Guide*
MATE Design Archive	MATE Design Archive UI	*MATE Design Archive User and Administration Guide*
Integration and Development		
Using MATE tools for integration and development purposes, such as creating add-ons and importing traffic into plan files	Plan tables, external tables, and CLI	*MATE Integration and Development Guide*
Collector and MATE Design plan file schema	HTML file	*Table Schema and CLI Reference* `$CARIDEN_HOME/docs/table_schema.html`
CLI tools for Collector, MATE Live, MATE Design Archive, and MATE Design (Only Linux distributions contain the full set)	CLI	*Table Schema and CLI Reference* `$CARIDEN_HOME/bin`
APIs		
MATE APIs	Directory with index.html file	`$CARIDEN_HOME/docs/api/html`

Tasks	Interface	Resource
Continuous Poller server APIs	Directory with index.html file	`/opt/cariden/software/wae-collector/docs/wae-collector-api`
MATE Live APIs	Web UI	Help menu
WAE Core server, REST APIs	Directory with index.html file	`/opt/cariden/software/wae-core/doc/wae-rest-api`
WAE Core server, Thrift APIs	File	`/opt/cariden/software/wae-core/doc/wae-thrift-api`