

Configuration

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Configuration

The settings below are taken from the file /usr/local/mk/conf/opCommon.nmis (a text file).

The settings detailed here are used across all Opmantek commercial applications.

You may need to restart the omkd daemon / service after making changes to these items.

Application specific configuration items can be found under the wiki space for the given application.

NMIS Configuration	opCharts Configuration	opFlow Configuration
Open-Audit Configuration	opConfig Configuration	opEvents Configuration Settings
opTrend Configuration	opReports Configuration	

Common Settings to Consider Adjusting

You will need to change the email settings to that of your [email](#) server.

Authentication

Section	Name	Original Value	Possible Values	Description
authentication	auth_crowd_password		<password>	
authentication	auth_crowd_server		<ip>	
authentication	auth_crowd_user		<username>	
authentication	auth_expire_seconds	3600	<integer>	
authentication	auth_htpasswd_encrypt	crypt	crypt, plaintext, apache-md5	
authentication	auth_htpasswd_file	<omk_conf>/users.dat	<relative filepath>	
authentication	auth_lockout_after	0	<integer>	seconds, 0 for none.
authentication	auth_login_motd	Authentication required: default credentials are nmis/nm1888		
authentication	auth_method_1	htpasswd	htpasswd, openaudit, radius, tacacs, crowd, system, ldaps, ldap, ms-ldap, ms-ldaps, novell-ldap, connectwise, pam, openid_connect	openid_connect supported as at April 2021. See below.
authentication	auth_method_2		htpasswd, openaudit, radius, tacacs, crowd, system, ldaps, ldap, ms-ldap, ms-ldaps, novell-ldap, connectwise, pam, openid_connect	

authentication	auth_method_3			htpasswd, openaudit, radius, tacacs, crowd, system, ldaps, ldap, ms-ldap, ms-ldaps, novell-ldap, connectwise, pam, openid_connect	
authentication	auth_ms_ldap_attr	sAMAccountName			
authentication	auth_ms_ldap_base	CN=Users,DC=your_domain,DC=com		<ldap>	
authentication	auth_ms_ldap_debug	true		true, false	
authentication	auth_ms_ldap_dn_acc	CN=Administrator,CN=Users,DC=your_domain,DC=com			
authentication	auth_ms_ldap_dn_psw	your_administrator_password		<password>	
authentication	auth_ms_ldap_group	CN=Users,DC=your_domain,DC=com		<ldap>	
authentication	auth_ms_ldap_server	your.ip.address.here		<ip>	
authentication	auth_ms_ldap_capath	required			
authentication	auth_ms_ldap_server	your.ip.address.here		<ip>	
authentication	auth_ms_ldap_verify				
authentication	auth_sso_domain			<domain>	

OKTA OpenID specific

Section	Name	Original Value		Possible Values	Description
authentication	auth_method_1	openid_connect			Set as per this entry to enable.
authentication auth_openid_connect	type	okta			As at April 2021, only OKTA is tested and supported
authentication auth_openid_connect	url	https://YOUR_SUBDOMAIN.okta.com/oauth2/default/v1/token			You should replace YOUR_SUBDOMAIN with the subdomain provided by OKTA.
authentication auth_openid_connect	password	password			OKTA specific (do not change).
authentication auth_openid_connect	test_error	error_description			OKTA specific (do not change).
authentication auth_openid_connect	test_success	access_token			OKTA specific (do not change).
authentication auth_openid_connect	username	username			OKTA specific (do not change).
authentication auth_openid_connect post	client_id	YOUR_CLIENT_ID			You should replace YOUR_CLIENT_ID with the client id provided by OKTA.
authentication auth_openid_connect post	client_secret	YOUR_CLIENT_SECRET			You should replace YOUR_CLIENT_SECRET with the client secret provided by OKTA.
authentication auth_openid_connect post	grant_type	password			OKTA specific (do not change).
authentication auth_openid_connect post	scope	openid			OKTA specific (do not change).
authentication auth_openid_connect post	password				Do not set.
authentication auth_openid_connect post	username				Do not set.
authentication auth_openid_connect headers	accept	application/json			OKTA specific (do not change).
authentication auth_openid_connect headers	content_type	application/x-www-form-urlencoded			OKTA specific (do not change).

Core

Some core web application settings.

Section	Name	Original Value		Possible Values	Description
core	max_backup_files	50		<integer>	
core	websocket_proxy_port	undef		<integer>	

Database

The database section contains connection details to your MongoDB database.

Section	Name	Original Value		Possible Values	Description
database	db_admin_port	28017		<integer>	
database	db_connection_timeout	20000		<integer>	
database	db_name	nmis		<name>	
database	db_password	op42flow42		<password>	
database	db_ping_timeout	2000		<integer>	
database	db_port	27017		<integer>	
database	db_query_timeout	5000		<integer>	
database	db_server	localhost		<hostname>	
database	db_use_v26_features	1		<integer>	
database	db_username	opUserRW		<username>	
database	db_write_concern	1		<integer>	

Directories

Section	Name	Original Value		Possible Values	Description
directories	<omk_backup>	<omk_base>/backups		<relative url>	
directories	<omk_base>	/usr/local/omk		<absolute url>	
directories	<omk_bin>	<omk_base>/bin		<relative url>	
directories	<omk_cgi>	<omk_base>/cgi-bin		<relative url>	
directories	<omk_conf>	<omk_base>/conf		<relative url>	
directories	<omk_data>	<omk_base>/data		<relative url>	
directories	<omk_lib_json>	<omk_lib>/json		<relative url>	
directories	<omk_lib>	<omk_base>/lib/		<relative url>	
directories	<omk_logs>	<omk_base>/log		<relative url>	
directories	<omk_models>	<omk_base>/models		<relative url>	
directories	<omk_network>	<omk_var>/network		<relative url>	
directories	<omk_oe_reports>	<omk_base>/reports		<relative url>	
directories	<omk_performance>	<omk_var>/perf		<relative url>	
directories	<omk_public>	<omk_base>/public		<relative url>	
directories	<omk_reports_ondemand>	<omk_base>/var/reports/on-demand		<relative url>	
directories	<omk_reports>	<omk_base>/var/reports		<relative url>	
directories	<omk_schedule>	<omk_conf>/schedule # opreports report schedules		<relative url>	
directories	<omk_schema>	<omk_base>/schema		<relative url>	
directories	<omk_templates>	<omk_base>/templates		<relative url>	

directories	<omk_topn>	<omk_var>/topn		<relative url>	
directories	<omk_var>	<omk_base>/var		<relative url>	

DNS

Section	Name	Original Value		Possible Values	Description
dns	dns_cache	604800		<integer>	cache node-to-ip relationships for X seconds
dns	dns_retry	7200		<integer>	retry dns queries after X, ie. cache negative responses that long

Email

The email settings are used to email scheduled Queries and Reports. These should be changed to your required email server's settings.

To change these using the GUI in Open-AudIT navigate to menu -> Admin -> Configuration -> Email

You may need to restart the omkd daemon / service after making changes to these items.

The file these settings are stored in is (Linux) /usr/local/omk/conf/opCommon.nmis and (Windows) c:\omk\conf\opCommon.nmis.

The settings are common to all Opmantek commercial applications.

Section	Name	Original Value		Possible Values	Description
email	mail_domain	yourdomain.com		<domain>	
email	mail_from	yourmailname@yourdomain.com		<email>	
email	mail_server	smtp.yourdomain.com		<fqdn>	
email	mail_server_port	25		<integer>	
email	mail_subject_prefix	[automatic]			
email	mail_use_tls	true		true, false	
email	mail_user	your_user_account@your_domain.com		<username>	Used for SMTP authentication. Leave empty to skip authentication
email	mail_password	your_password		<password>	Used for SMTP authentication. Leave empty to skip authentication

Icons

Section	Name	Original Value		Possible Values	Description
icons	alert_critical	<omk_url_base>/icons/alert_critical.png		<relative filepath>	
icons	alert_degraded	<omk_url_base>/icons/alert_warning.png		<relative filepath>	
icons	alert_fatal	<omk_url_base>/icons/alert_critical.png		<relative filepath>	
icons	alert_major	<omk_url_base>/icons/alert_major.png		<relative filepath>	
icons	alert_minor	<omk_url_base>/icons/alert_minor.png		<relative filepath>	
icons	alert_normal	<omk_url_base>/icons/alert_normal.png		<relative filepath>	
icons	alert_reachable	<omk_url_base>/icons/alert_normal.png		<relative filepath>	
icons	alert_unknown	<omk_url_base>/icons/alert_unknown.png		<relative filepath>	
icons	alert_unreachable	<omk_url_base>/icons/alert_critical.png		<relative filepath>	
icons	alert_warning	<omk_url_base>/icons/alert_warning.png		<relative filepath>	

Macro

Section	Name	Original Value		Possible Values	Description
macro	hello	world			
macro	somenumber	1234			

Module Configs

Section	Name	Original Value		Possible Values	Description
module_configs	module_base	/usr/local/opmantek		<filepath>	
module_configs	module_host				

NMIS

The NMIS section contains attributes related to the connected NMIS application.

Section	Name	Original Value		Possible Values	Description
nmis	<nmis_dir>	/usr/local/nmis8		<filepath>	
nmis	<nmis_logs>	/usr/local/nmis8/logs		<filepath>	
nmis	nmis_cgi_url_base	/cgi-nmis8		<url path>	
nmis	nmis_dir	/usr/local/nmis8		<filepath>	
nmis	nmis_host_base	http://localhost		<url>	
nmis	nmis_icon_small	<omk_url_base>/icons/nmis_sml.png		<relative url>	
nmis	nmis_max_filtered_table_cache_size	100		<integer>	
nmis	nmis_sensitive_property	['community','privkey','privpassword','authkey','authpassword','wmiu sername','wmipassword','username']			
nmis	nmisConf	Config		<filename>	Filename of NMIS config file, usually Config.nmis, sans nmis.
nmis	prefer_local_nmis	false		true, false	

OMKD

Section	Name	Original Value		Possible Values	Description
omkd	load_applications	[]			
omkd	omkd_auto_detect_language	1		<integer>	
omkd	omkd_default_language	en		en, es, pt	
omkd	omkd_display_timezone	local			
omkd	omkd_heartbeat_timeout	300		<integer>	
omkd	omkd_hostname	localhost		<hostname>	
omkd	omkd_inactivity_timeout	300		<integer>	
omkd	omkd_listen_address	*		<integer> or *	* == 'all'.
omkd	omkd_listen_port	8042		<integer>	
omkd	omkd_log_level	info		info, debug	
omkd	omkd_max_app_age	7200		<integer>	
omkd	omkd_max_clients	1000		<integer>	
omkd	omkd_max_memory	2048		<integer>	
omkd	omkd_max_message_size	31457280		<integer>	
omkd	omkd_max_requests	undef		<integer> or undef	

omkd	omkd_performance_logs	false		true, false	
omkd	omkd_reactor	Mojo::Reactor::EV			
omkd	omkd_require_nmis	true		true, false	
omkd	omkd_run_level	production		production, development	
omkd	omkd_run_mode	prefork			
omkd	omkd_secrets	['Please Change Me!']			
omkd	omkd_static_max_age	172800		<integer>	
omkd	omkd_supported_languages	['en', 'es', 'pt']			
omkd	omkd_url_base	http://yourserver.yourdomain		<url>	
omkd	omkd_workers	6		<integer>	

Opmantek

Section	Name	Original Value		Possible Values	Description
opmantek	common_log	<omk_logs>/common.log		<relative path>	
opmantek	details_icon	<omk_url_base>/img/details.png		<relative url>	
opmantek	home_icon	<omk_url_base>/img/home.png		<relative url>	
opmantek	omk_favicon	<omk_url_base>/img/omk_favicon.png		<relative url>	
opmantek	omk_tiny_logo	<omk_url_base>/img/opmantek-logo-tiny.png		<relative url>	
opmantek	opmantek_eula	<omk_base>/LICENSE		<relative path>	
opmantek	os_fileperm	664		<integer>	
opmantek	os_dirperm	775		<integer>	
opmantek	os_execperm	775		<integer>	
opmantek	os_group	nmis			
opmantek	os_username	nmis		<username>	
opmantek	question_icon	<omk_url_base>/img/question.png		<relative url>	

SNMP

Section	Name	Original Value		Possible Values	Description
snmp	snmp_mib_dir	<nmis_dir>/mibs		<relative path>	
snmp	snmp_oid_files	nmis_mibs.oid,a3com.oid,dell.oid,ups.oid,akcp.oid		<filenames>	
snmp	snmp_timeout	5		<integer>	
snmp	snmp_retries	1		<integer>	
snmp	snmp_max_msg_size	1472		<integer>	

URL / Wireframe

Section	Name	Original Value		Possible Values	Description
url	<omk_url_base>	/omk		<relative path>	
url	<omk_cgi_base>	/cgi-omk		<relative path>	
wireframe	wireframe_refresh_time	120		<integer>	