docker_env File Parameters for Contrail Networking

Parameter Name	Indirect	Default Value	Module	Configuration Value Or Other Purpose	Description	Containers
AAA_MODE	FALSE	no-auth	Authentication	aaa_mode	Defines the authentication modes for Contail RBAC.	contrail-controller-config-svcmonitor, contrail-controller-config-api, contrail-analytics-api
AGENT_MODE	FALSE	kernel	vRouter	platform	Vrouter agent mode. Valid values are: kernel, dpdk, or tor.	contrail-vrouter-agent
ALARMGEN_INTROSPECT_LISTEN_PORT	FALSE	$ALARMGEN_INTROSPECT_PORT	Alarm	http_server_port	If set, this is the real listen port.	contrail-analytics-alarm-gen
ALARMGEN_INTROSPECT_PORT	FALSE	5995	Alarm	http_server_port	The listen port that firewall opens.	contrail-node-init, contrail-analytics-alarm-gen
ALARMGEN_partitions	FALSE	30	Alarm	partitions	Number of alarmgen partitions.	contrail-analytics-alarm-gen
ALARMGEN_REDIS_AGGREGATE_DB_OFFSET	FALSE	-1	Alarm	ALARMGEN_REDIS_AGGREGATE_DB_OFFSET		contrail-analytics-alarm-gen
ANALYTICS_ALARM_ENABLE	FALSE	FALSE	Analytics		Enables Analytics alarm generation.	contrail-analytics-collector
ANALYTICS_ALARM_NODES	FALSE	$ANALYTICSDB_NODES	Analytics		List of alarm-gen nodes.	contrail-nodemgr, contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
ANALYTICS_API_INSECURE_ENABLE	FALSE	$SSL_INSECURE	Analytics API	analytics_api_insecure_enable	Enables or disables support for required certificates in HTTPS requests.	contrail-analytics-api
ANALYTICS_API_INTROSPECT_LISTEN_PORT	FALSE	$ANALYTICS_API_INTROSPECT_PORT	Analytics	http_server_port	If set, this is the real listen port.	contrail-analytics-api
ANALYTICS_API_INTROSPECT_PORT	FALSE	8090	Analytics	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-api
ANALYTICS_API_LISTEN_IP	FALSE	Host-related IP from $ANALYTICS_NODES or IP address of the NIC performs default routing	Analytics	rest_api_ip	Host IP from $ANALYTICS_NODES or the IP address of the NIC performing the default routing.	contrail-analytics-api
ANALYTICS_API_LISTEN_PORT	FALSE	$ANALYTICS_API_PORT	Analytics	rest_api_port	If set, this is the real listen port.	contrail-analytics-api
ANALYTICS_API_PORT	FALSE	8081	Analytics	rest_api_port	The listen port that firewalld opens.	contrail-node-init, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-webui-xxx, contrail-analytics-topology, contrail-analytics-api
ANALYTICS_API_SSL_CA_CERT	FALSE	$SERVER_CA_CERTFILE	Analytics API	analytics_api_ssl_ca_cert	Path to the CA certificate.	contrail-analytics-api
ANALYTICS_API_SSL_CERTFILE	FALSE	$SERVER_CERTFILE	Analytics API	analytics_api_ssl_certfile	Path to the node's public certificate.	contrail-analytics-api
ANALYTICS_API_SSL_ENABLE	FALSE	$SSL_ENABLE	Analytics API	analytics_api_ssl_enable	Enables or disables support for SSL encryption between the Analytics API server and the client server.	contrail-analytics-api
ANALYTICS_API_SSL_KEYFILE	FALSE	$SERVER_KEYFILE	Analytics API	analytics_api_ssl_keyfile	Path to the node's private key.	contrail-analytics-api
ANALYTICS_API_VIP	FALSE	$ANALYTICS_NODES	Analytics	config.analytics.server_ip	IP to connect to for the Analytics server.	contrail-webui-xxx
analytics_authProtocol	FALSE	http	Analytics	analytics_authProtocol	Protocol to use when communicating with the analytics server. Valid values are http or https.	contrail-webui-xxx
analytics_ca	FALSE	'	Analytics	config.analytics.ca	The authority certificate to check the remote host against.	contrail-webui-xxx
ANALYTICS_CONFIG_AUDIT_TTL	FALSE	2160	Analytics	analytics_config_audit_ttl	Time (in hours) the analytics config data entering the collector stays in the Cassandra database.	contrail-analytics-collector
ANALYTICS_DATA_TTL	FALSE	48	Analytics	analytics_data_ttl	Time (in hours) that the analytics object and log data stays in the Cassandra database.	contrail-analytics-collector, contrail-analytics-query-engine
ANALYTICS_FLOW_TTL	FALSE	2	DAT	analytics_flow_ttl	Time to live (TTL) for flow data in hours.	contrail-analytics-collector
ANALYTICS_NODEMGR_PORT	FALSE	8104	Analytics		The Analytics nodemanager port number.	contrail-node-init
ANALYTICS_NODES	TRUE	$CONTROLLER_NODES	Analytics	analytics_server_ip	List of analytics nodes.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-redis, contrail-external-kafka, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
ANALYTICS_SERVERS	FALSE	$ANALYTICS_NODES:$ANALYTICS_PORT	Analytics	analytics_api, analytics_server_list	Internal use only.	contrail-controller-config-svcmonitor, contrail-analytics-topology
ANALYTICS_SNMP_NODES	FALSE	$ANALYTICS_NODES	Analytics		List of Analytics snmp-collector nodes.	contrail-nodemgr, contrail-analytics-snmp-collector
ANALYTICS_STATISTICS_TTL	FALSE	168	Analytics	analytics_statistics_ttl	Time to live (TTL) for statistics data in hours.	contrail-analytics-collector
analytics_statusURL	FALSE	/analytics/uves/bgp-peers	Analytics	config.analytics.statusURL	Reference URL for checking if the Analytics node is reachable.	contrail-webui-xxx
analytics_strictSSL	FALSE	FALSE	Analytics	config.analytics.strictSSL	If TRUE, requires certificates to be valid.	contrail-webui-xxx
ANALYTICS_UVE_PARTITIONS	FALSE	30	Analytics	partitions	Number of UVE partitions.	contrail-analytics-collector, contrail-analytics-api
ANALYTICSDB_CQL_PORT	TRUE	9042	Analytics	ANALYTICSDB_CQL_PORT	Port for the Cassandra query language.	contrail-analytics-collector, contrail-analytics-query-engine
ANALYTICSDB_CQL_SERVERS	FALSE	$ANALYTICSDB_NODES:$ANALYTICSDB_CQL_PORT	Analytics	cassandra_server_list	Internal use only.	contrail-analytics-collector, contrail-analytics-query-engine
ANALYTICSDB_ENABLE	FALSE	FALSE	Analytics		Enables the Analytics database.	contrail-analytics-collector, contrail-analytics-api
ANALYTICSDB_NODES	FALSE	$ANALYTICS_NODES	Analytics		Lists the Analytics database nodes.	contrail-nodemgr, contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine
ANALYTICSDB_PORT	FALSE	9160	Analytics		The Analytics database port.	contrail-node-init
AUTH_MODE	FALSE	noauth	Authentication	AUTH_MODE	Valid values for AUTH_MODE are noauth and keystone. AUTH_MODE is automatically set to keystone if CLOUD_ORCHESTRATOR is set to openstack.	contrail-openstack-ironic-notification-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
AUTH_PARAMS	FALSE	'	Authentication		Internal use only.	contrail-nodemgr
BARBICAN_PASSWORD	FALSE	$KEYSTONE_AUTH_ADMIN_PASSWORD	OpenStack	admin_password	Barbican password to access the Openstack dashboard.	contrail-vrouter-agent
BARBICAN_USER	FALSE	barbican	OpenStack	admin_user	Barbican username to access the Openstack dashboard.	contrail-vrouter-agent
BGP_ASN	FALSE	64512	BGP	provisioning parameter	The Autonomous System (AS) number for the control node.	contrail-nodemgr
BGP_AUTO_MESH	FALSE	TRUE	BGP	provisioning parameter	If true, automatically create the iBGP mesh.	contrail-nodemgr
BGP_PORT	FALSE	179	BGP	bgp_port	The BGP server port number. The default port number is 179.	contrail-nodemgr, contrail-node-init, contrail-control-control
CA_PRIVATE_KEY_BITS	FALSE	4096	Server	openssl option	OpenSSL key for generating certificates.	contrail-node-init, contrail-webui-xxx
CASSANDRA_CONFIG_COMPACTION_THROUGHPUT_MB_PER_SEC	FALSE	256	Cassandra	compaction_throughput_mb_per_sec	Cassandra parameter	contrail-external-cassandra
CASSANDRA_CONFIG_CONCURRECT_COMPACTORS	FALSE	4	Cassandra	concurrent_compactors	Cassandra parameter	contrail-external-cassandra
CASSANDRA_CONFIG_CONCURRECT_READS	FALSE	64	Cassandra	concurrent_reads	Cassandra parameter	contrail-external-cassandra
CASSANDRA_CONFIG_CONCURRECT_WRITES	FALSE	64	Cassandra	concurrent_writes	Cassandra parameter	contrail-external-cassandra

CASSANDRA_CONFIG_MEMTABLE_ALLOCATION_TYPE	FALSE	offheap_objects	Cassandra	memtable_allocation_type	Cassandra parameter	contrail-external-cassandra
CASSANDRA_CONFIG_MEMTABLE_FLUSH_WRITER	FALSE	4	Cassandra	memtable_flush_writers	Cassandra parameter	contrail-external-cassandra
CASSANDRA_CQL_PORT	FALSE	9042	Cassandra	cassandra.native_transport_port	Cassandra option	contrail-nodemgr, contrail-node-init, contrail-external-cassandra
cassandra_enable_edit	FALSE	FALSE	Cassandra	config.cassandra.enable_edit	Cassandra option	contrail-webui-xxx
CASSANDRA_JMX_LOCAL_PORT	FALSE	7200	Cassandra	cassandra.jmx.local.port	Cassandra option	contrail-nodemgr, contrail-node-init, contrail-external-cassandra
CASSANDRA_PORT	FALSE	9160	Cassandra	cassandra.port	Cassandra option	contrail-node-init, contrail-external-cassandra
CASSANDRA_SEEDS	FALSE		Cassandra	exported to env	Cassandra variable	contrail-external-cassandra
cassandra_server_ips	FALSE	$CONFIGDB_NODES	Cassandra	config.cassandra.server_ips	Cassandra parameter	contrail-webui-xxx
cassandra_server_port	FALSE	$CONFIGDB_CQL_PORT	Cassandra	config.cassandra.server_port	Cassandra parameter	contrail-webui-xxx
CASSANDRA_SSL_ALGORITHM	FALSE	SunX509	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_SSL_CA_CERTFILE	FALSE	$SERVER_CA_CERTFILE	Cassandra	config_db_ca_certs	Cassandra SSL CA certificate file.	contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-external-cassandra, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine
CASSANDRA_SSL_CERTFILE	FALSE	$SERVER_CERTFILE	Cassandra		Cassandra SSL certificate file.	contrail-external-cassandra
CASSANDRA_SSL_CIPHER_SUITES	FALSE	[TLS_RSA_WITH_AES_128_CBC_SHA,TLS_RSA_WITH_AES_256_CBC_SHA,TLS_DHE_RSA_WITH_AES_128_CBC_SHA,TLS_DHE_RSA_WITH_AES_256_CBC_SHA,TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA,TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA]	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_SSL_ENABLE	FALSE	FALSE	Cassandra	cassandra_use_ssl, config_db_use_ssl	If TRUE, Cassandra uses SSL.	contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-external-cassandra, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-collector, contrail-analytics-query-engine
CASSANDRA_SSL_KEYFILE	FALSE	$SERVER_KEYFILE	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_SSL_KEYSTORE_PASSWORD	FALSE	astrophytum	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_SSL_PROTOCOL	FALSE	TLS	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_SSL_STORAGE_PORT	FALSE	7011	Cassandra	cassandra.ssl_storage_port	Cassandra parameter	contrail-node-init, contrail-external-cassandra
CASSANDRA_SSL_TRUSTSTORE_PASSWORD	FALSE	ornatum	Cassandra		Cassandra parameter	contrail-external-cassandra
CASSANDRA_STORAGE_PORT	FALSE	7010	Cassandra	cassandra.storage_port	Cassandra parameter	contrail-node-init, contrail-external-cassandra
CLOUD_ADMIN_ROLE	FALSE	admin	Cloud	cloud_admin_role	The Cloud admin role.	contrail-controller-config-api
CLOUD_ORCHESTRATOR	FALSE	none	Cloud	orchestration_manager	The orchestrator to use for the virtualization infrastructure. Valid values are openstack or kubernetes.	contrail-nodemgr, contrail-webui-xxx, contrail-vrouter-agent, contrail-kube-manager
cnfg_authProtocol	FALSE	https	WebUI	cnfg_authProtocol	The configuration authorization protocol. Valid values are http or https.	contrail-webui-xxx
cnfg_ca	FALSE	$CONFIG_API_SERVER_CA_CERTFILE	WebUI	config.cnfg.ca	The configuration API CA certificate file.	contrail-webui-xxx
cnfg_statusURL	FALSE	/global-system-configs	WebUI	config.cnfg.statusURL	Reference URL for checking if the Config node is reachable.	contrail-webui-xxx
cnfg_strictSSL	FALSE	$CONFIG_API_SSL_ENABLE	WebUI	config.cnfg.strictSSL	If TRUE, enable SSL for the API server.	contrail-webui-xxx
COLLECTOR_disk_usage_percentage_high_watermark0	FALSE	90	Collector	disk_usage_percentage.high_watermark0	If the disk usage percentage reaches this value, only SYS_EMERG logs are written.	contrail-analytics-collector
COLLECTOR_disk_usage_percentage_high_watermark1	FALSE	80	Collector	disk_usage_percentage.high_watermark1	If the disk usage percentage reaches this value, SYS_EMERG and SYS_ERR logs are written.	contrail-analytics-collector
COLLECTOR_disk_usage_percentage_high_watermark2	FALSE	70	Collector	disk_usage_percentage.high_watermark2	If the disk usage percentage reaches this value, SYS_EMERG, SYS_ERR and SYS_DEBUG logs are written.	contrail-analytics-collector
COLLECTOR_disk_usage_percentage_low_watermark0	FALSE	85	Collector	disk_usage_percentage.low_watermark0	If the disk usage percentage reaches this value, only SYS_ALERT logs are written.	contrail-analytics-collector
COLLECTOR_disk_usage_percentage_low_watermark1	FALSE	75	Collector	disk_usage_percentage.low_watermark1	If the disk usage percentage reaches this value, SYS_ALERT and SYS_WARN logs are written.	contrail-analytics-collector
COLLECTOR_disk_usage_percentage_low_watermark2	FALSE	60	Collector	disk_usage_percentage.low_watermark2	If the disk usage percentage reaches this value, all logs are written.	contrail-analytics-collector
COLLECTOR_high_watermark0_message_severity_level	FALSE	SYS_EMERG	Collector	high_watermark0.message_severity_level	Sets the log level to SYS_EMERG. Logs are written according to the disk_usage_percentage_watermark values.	contrail-analytics-collector
COLLECTOR_high_watermark1_message_severity_level	FALSE	SYS_ERR	Collector	high_watermark1.message_severity_level	Sets the log level to SYS_ERR. Logs are written according to the disk_usage_percentage_watermark values.	contrail-analytics-collector
COLLECTOR_high_watermark2_message_severity_level	FALSE	SYS_DEBUG	Collector	high_watermark2.message_severity_level	Sets the log level to SYS_DEBUG. Logs are written according to the disk_usage_percentage_watermark values.	contrail-analytics-collector
COLLECTOR_INTROSPECT_LISTEN_PORT	FALSE	$COLLECTOR_INTROSPECT_PORT	Collector	http_server_port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_INTROSPECT_PORT	FALSE	8089	Collector	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
COLLECTOR_IPFIX_LISTEN_PORT	FALSE	$COLLECTOR_IPFIX_PORT	Collector	ipfix_port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_IPFIX_PORT	FALSE	4739	Collector	ipfix_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
COLLECTOR_LISTEN_PORT	FALSE	$COLLECTOR_PORT	Collector	port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_LOG_FILE_COUNT	FALSE	10	Logging	log_files_count	The maximum number of collector log files.	contrail-analytics-collector
COLLECTOR_LOG_FILE_SIZE	FALSE	1048576	Logging	log_file_size	The maximum size of a collector log file.	contrail-analytics-collector
COLLECTOR_low_watermark0_message_severity_level	FALSE	SYS_ALERT	Collector	low_watermark0.message_severity_level	Sets the log level to SYS_ALERT. Logs are written according to the disk_usage_percentage_watermark values.	contrail-analytics-collector
COLLECTOR_low_watermark1_message_severity_level	FALSE	SYS_WARN	Collector	low_watermark1.message_severity_level	Sets the log level to SYS_WARN. Logs are written according to the disk_usage_percentage_watermark values.	contrail-analytics-collector
COLLECTOR_low_watermark2_message_severity_level	FALSE	INVALID	Collector	low_watermark2.message_severity_level	Write all log levels.	contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_high_watermark0	FALSE	400	Collector	pending_compaction_tasks.high_watermark0		contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_high_watermark1	FALSE	200	Collector	pending_compaction_tasks.high_watermark1		contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_high_watermark2	FALSE	100	Collector	pending_compaction_tasks.high_watermark2		contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_low_watermark0	FALSE	300	Collector	pending_compaction_tasks.low_watermark0		contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_low_watermark1	FALSE	150	Collector	pending_compaction_tasks.low_watermark1		contrail-analytics-collector
COLLECTOR_pending_compaction_tasks_low_watermark2	FALSE	80	Collector	pending_compaction_tasks.low_watermark2		contrail-analytics-collector

COLLECTOR_PORT	TRUE	8086	Collector	port	The listen port that firewalld opens.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
COLLECTOR_PROTOBUF_LISTEN_PORT	FALSE	$COLLECTOR_PROTOBUF_PORT	Collector	protobuf_port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_PROTOBUF_PORT	FALSE	3333	Collector	protobuf_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
COLLECTOR_SERVERS	FALSE	$ANALYTICS_NODES:$COLLECTOR_PORT	Collector	collectors	The collector IP address and port number.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
COLLECTOR_SFLOW_LISTEN_PORT	FALSE	$COLLECTOR_SFLOW_PORT	Collector	sflow_port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_SFLOW_PORT	FALSE	6343	Collector	sflow_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
COLLECTOR_STRUCTURED_SYSLOG_LISTEN_PORT	FALSE	$COLLECTOR_STRUCTURED_SYSLOG_PORT	Collector	port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_STRUCTURED_SYSLOG_PORT	FALSE	3514	Collector	port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
COLLECTOR_SYSLOG_LISTEN_PORT	FALSE	$COLLECTOR_SYSLOG_PORT	Collector	syslog_port	If set, this is the real listen port.	contrail-analytics-collector
COLLECTOR_SYSLOG_PORT	FALSE	514	Collector	syslog_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-collector
computeManager_apiVersion	FALSE	['v1.1',	OpenStack	config.computeManager.apiVersion	REST API Version for compute server (e.g., nova for openstack) to connect to. When listing muliple versions, use an array of strings. For example: ['v1.1', 'v2']	contrail-webui-xxx
computeManager_authProtocol	FALSE	http	OpenStack	config.computeManager.authProtocol	Protocol to use when communicate with the compute server. Valid values are http or https.	contrail-webui-xxx
computeManager_ca	FALSE		OpenStack	config.computeManager.ca	An authority certificate to check the remote host against.	contrail-webui-xxx
computeManager_ip	FALSE	127.0.0.1	OpenStack	config.computeManager.ip	IP to connect to for the compute server.	contrail-webui-xxx
computeManager_port	FALSE	8774	OpenStack	config.computeManager.port	Port to connect to for the compute server.	contrail-webui-xxx
computeManager_strictSSL	FALSE	FALSE	OpenStack	config.computeManager.strictSSL	If TRUE, requires certificates to be valid.	contrail-webui-xxx
CONFIG_API_INTROSPECT_PORT	FALSE	8084	Config	http_server_port	Introspect HTTP server port number.	contrail-node-init, contrail-controller-config-api
CONFIG_API_LIST_OPTIMIZATION_ENABLED	FALSE	TRUE	Config	list_optimization_enabled	If TRUE, enable optimization.	contrail-controller-config-api
CONFIG_API_PORT	FALSE	8082	Config	api_server_port	API server port number.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager, contrail-nodemgr, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
CONFIG_API_SERVER_CA_CERTFILE	FALSE	$SERVER_CA_CERTFILE	Config	config_api_ssl_ca_cert	Config API SSL CA certificate file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
CONFIG_API_SERVER_CERTFILE	FALSE	$SERVER_CERTFILE	Config	config_api_ssl_certfile	Config API SSL certificate file.	contrail-controller-config-api
CONFIG_API_SERVER_KEYFILE	FALSE	$SERVER_KEYFILE	Config	config_api_ssl_keyfile	Config API SSL keyfile.	contrail-controller-config-api
CONFIG_API_SSL_ENABLE	FALSE	$SSL_ENABLE	Config	api_server_use_ssl	If enabled, Config API use SSL.	contrail-openstack-ironic-notification-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
CONFIG_API_USE_SSL	FALSE	FALSE	Config	api_server_use_ssl	Internal use only.	contrail-analytics-topology
CONFIG_API_VIP	FALSE	$CONFIG_NODES	Config	config.cnfg.server_ip	Config server IP address.	contrail-vcenter-plugin, contrail-webui-xxx
CONFIG_DATABASE_NODEMGR_PORT	FALSE	8112	nodemgr		Config DB nodemanager port number.	contrail-node-init
CONFIG_DEVICE_MANAGER_INTROSPECT_PORT	FALSE	8096	nodemgr		Config DM nodemanager port number.	contrail-node-init
CONFIG_NODEMGR_PORT	FALSE	8100	nodemgr		Config API port number.	contrail-node-init
CONFIG_NODES	FALSE	$CONTROLLER_NODES	Config	api_server_ip	Config API node list. For an AIO node, list the IP address in the format 1.1.1.1. For multinodes separate the IP addresses with a comma. For example: 1.1.1.1,2.2.2.2,3.3.3.3.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-rabbitmq, contrail-external-zookeeper, contrail-kube-manager, contrail-kubernetes-cni-init, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
CONFIG_SCHEMA_TRANSFORMER_INTROSPECT_PORT	FALSE	8087	Schema		Config Schema introspect port number.	contrail-node-init
CONFIG_SERVERS	FALSE	$CONFIG_NODES:$CONFIG_PORT	Config	api_server_list	Internal use only.	contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-api
CONFIG_SVC_MONITOR_INTROSPECT_PORT	FALSE	8088	svc		Config Service Monitor introspect port number.	contrail-node-init
CONFIGDB_CQL_PORT	FALSE	9041	Cassandra	config.cassandra.server_port	Cassandra server port number.	contrail-node-init, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-analytics-collector
CONFIGDB_CQL_SERVERS	FALSE	$CONFIGDB_NODES:$CONFIG_CQL_PORT	Config	configdb_cql_servers	IP and Port of Cassandra server.	contrail-control-dns, contrail-control-control, contrail-analytics-collector
CONFIGDB_NODES	TRUE	$CONFIG_NODES	Config		Config database nodes list.	contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-external-zookeeper, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
CONFIGDB_PORT	FALSE	9161	Cassandra		Config database port number.	contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen

CONFIGDB_SERVERS	FALSE	$CONFIGDB_NODES:$CONFIGDB_PORT	Cassandra	config_db_server_list	Internal use only.	contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen
CONFIGURE_FIREWALLD	FALSE	FALSE	Firewalld		If TRUE, firewalld is configured on the node.	contrail-node-init
CONFIGURE_IPTABLES	FALSE	FALSE	IP		If TRUE, iptables is configured on the node.	contrail-node-init
CONTRAIL_STATUS_CONTAINER_NAME	FALSE	contrail-status	Node		Internal use only.	contrail-node-init
CONTRAIL_STATUS_IMAGE	FALSE		Node		Contrail-status image name that the node-init container writes into the contrail-status utility file on the host.	contrail-node-init
contrailEndPointFromConfig	FALSE	TRUE	Web	config.contrailEndPointFromConfig	Indicates how the WebServer should communicate with contrail services Api Server and Analytics Server. If TRUE, communicate using the IP/port/authProtocol specified in this configuration file. If FALSE, communicate using the values specific in the auth catalog list. Note: If this parameter is FALSE, you must have the ApiServer and OpServer services defined in config.endpoints to be provisioned in Keystone.	contrail-webui-xxx
CONTROL_DNS_XMPP_PORT	FALSE	8093	Control		Control DNS XMPP port number.	contrail-node-init
CONTROL_INTROSPECT_LISTEN_PORT	FALSE	$CONTROL_INTROSPECT_PORT	Control	http_server_port	If set, this is the real listen port.	contrail-node-init-control
CONTROL_INTROSPECT_PORT	FALSE	8083	Control	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-control-control
CONTROL_NODEMGR_PORT	FALSE	8101	Control		Control nodemanager port number.	contrail-node-init
CONTROL_NODES	FALSE	$CONFIG_NODES	Control		Control nodes list. Unless explicitly specified by PHYSICAL_INTERFACE, the vhost0 interface is determined on each control node by finding which IP is handled by that control node and on what interface.	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kubernetes-cni-init
CONTROLLER_DATABASE_NODEMGR_PORT	FALSE	8103	Controller		Controller DB nodemanager port number.	contrail-node-init
CONTROLLER_NODES	TRUE	$DEFAULT_LOCAL_IP	Controller		Controller nodes list. Default for other xxx_nodes unless they are set explicitly.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-redis, contrail-external-rabbitmq, contrail-external-zookeeper, contrail-external-kafka, contrail-kube-manager, contrail-kubernetes-cni-init, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
CPU_CORE_MASK	FALSE	0x01	Host	taskset_param	Taskset used to launch new command with CPU affinity.	contrail-vrouter-agent-dpdk
DEFAULT_HOSTNAME	FALSE	hostname	Host	hostname	Default hostname to use unless the hostname is resolved by the host IP address.	contrail-nodemgr, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-analytics-collector, contrail-analytics-query-engine
DEFAULT_IFACE	FALSE	Default	Host	default nic	Default network interface.	contrail-vrouter-agent, contrail-kubernetes-cni-init
DEFAULT_LOCAL_IP	TRUE		Host	kubernetes_api_server	IP address of the NIC performing default routing unless configured otherwise.	contrail-vcenter-plugin, contrail-vcenter-manager, contrail-nodemgr, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-redis, contrail-external-rabbitmq, contrail-external-zookeeper, contrail-external-kafka, contrail-kube-manager, contrail-kubernetes-cni-init, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
DIST_SNAT_PROTO_PORT_LIST	FALSE		Host	provisioning parameter		contrail-nodemgr
DNS_INTROSPECT_LISTEN_PORT	FALSE	$DNS_INTROSPECT_PORT	DNS	http_server_port	The listen port that firewalld opens.	contrail-control-dns
DNS_INTROSPECT_PORT	FALSE	8092	DNS	config.dns.server_port	If set, this is the real listen port.	contrail-node-init, contrail-webui-xxx, contrail-control-dns
DNS_NAMED_CONFIG_DIRECTORY	FALSE	/etc/contrail/dns	DNS	named_config_directory	The listen port that firewalld opens.	contrail-control-named, contrail-control-dns
DNS_NAMED_CONFIG_FILE	FALSE	contrail-named.conf	DNS	named_config_file	Configuration file for contrail-named process.	contrail-control-named, contrail-control-dns
DNS_NAMED_LOG_FILE	FALSE	$LOG_DIR/contrail-named.log	Logging	named_log_file	Log file for contrail-named process.	contrail-control-dns
DNS_NAMED_MAX_CACHE_SIZE	FALSE	32M	DNS	named_max_cache_size	Max size of named cache pe view in contrail.	contrail-control-dns
DNS_NAMED_MAX_RETRANSMISSIONS	FALSE	12	DNS	named_max_retransmissions	Max number of retries to add or update of a a named dns record.	contrail-control-dns
DNS_NODES	TRUE	$CONTROL_NODES	DNS		DNS nodes list.	contrail-vrouter-agent
DNS_RETRANSMISSION_INTERVAL	FALSE	1000	DNS	named_retransmission_interval	Retransmission interval (in msec) to add or update the DNS record.	contrail-control-dns
DNS_RNDC_CONFIG_FILE	FALSE	contrail-rndc.conf	DNS	rndc_config_file	Configuration file for contrail-rndc. This is used to query or connect to contrail-named.	contrail-control-dns
dns_server_ip	FALSE	$CONFIG_NODES	DNS	config.dns.server_ip	IP address the DNS API server uses.	contrail-webui-xxx
DNS_SERVER_PORT	FALSE	53	DNS	dns_server_port	DNS server port number.	contrail-node-init, contrail-control-dns, contrail-vrouter-agent
dns_server_port	FALSE	$DNS_INTROSPECT_PORT	DNS	config.dns.server_port	Port the DNS API server listens to.	contrail-webui-xxx
DNS_SERVERS	FALSE	$DNS_NODES:$DNS_SERVER_PORT	DNS	servers	DNS servers list the Agent makes XMPP connections to.	contrail-vrouter-agent
dns_statusURL	FALSE	/Snh_PageReq?x=AllEntries%20VdnsServersReq	DNS	config.dns.statusURL	Reference URL for checking if the Introspect node is reachable.	contrail-webui-xxx
DPDK_COMMAND_ADDITIONAL_ARGS	FALSE	None	Host	cmd	Additional command line arguments for DPDK.	contrail-vrouter-agent-dpdk
DPDK_MEM_PER_SOCKET	FALSE	1024	Host	dpdk_socket_mem	Provides DPDK command line with socket memory option.	contrail-vrouter-agent-dpdk
DPDK_UIO_DRIVER	FALSE	uio_pci_generic	Host	physical_uio_driver	DPDK NIC driver.	contrail-vrouter-agent-dpdk, contrail-vrouter-agent
ENABLE_4BYTE_AS	FALSE	FALSE	BGP	provisioning parameter	Byte Size for ASN field. The default is 2-Bytes.	contrail-nodemgr
ENCAP_PRIORITY	FALSE	MPLSoUDP,MPLSoGRE,VXLAN	Host	provisioning parameter	List of Encapsulation priority order.	contrail-nodemgr
endpoints_apiServiceType	FALSE	ApiServer	Web	config.endpoints.apiServiceType	Configurations for the Api Server and analytics service type and name as provisioned in Keystone. This field specifies the service type for the apiServer. The default value is ApiServer.	contrail-webui-xxx
ESXI_HOST	FALSE		vCenter			contrail-vcenter-manager
ESXI_PASSWORD	FALSE		vCenter			contrail-vcenter-manager
ESXI_PORT	FALSE	443	vCenter			contrail-vcenter-manager
ESXI_USERNAME	FALSE		vCenter			contrail-vcenter-manager
EXTERNAL_ROUTERS	FALSE		vRouter	provisioning parameters		contrail-nodemgr
FABRIC_SNAT_HASH_TABLE_SIZE	FALSE	4096	vRouter	fabric_snat_hash_table_size	Port mapping cache table size for NAT.	contrail-vrouter-agent
FIREWALL_ZONE	FALSE	public	Firewalld	Firewalld configuration parameter		contrail-node-init
FLOW_EXPORT_RATE	FALSE	0	Host	provisioning parameter	Flow export rate to the collector.	contrail-nodemgr
FORCE_GENERATE_CERT	FALSE	FALSE	Server		If TRUE, force certificates generation.	contrail-node-init, contrail-webui-xxx
FWAAS_ENABLE	FALSE	FALSE	FWAAS	fwaas_enabled	Neutron parameter.	contrail-controller-config-api

GLOBAL_READ_ONLY_ROLE	FALSE		Cloud	global_read_only_role	Role name of user with read-only access to all objects.	contrail-controller-config-api
HUGE_PAGES	FALSE	""	Host	vm.nr_hugepages	Number of huge pages to be set if provided. When possible, pre	contrail-vrouter-agent-dpdk
HUGE_PAGES_DIR	FALSE	/dev/hugepages	Host		Directory for huge pages device.	contrail-vrouter-agent-dpdk
HYPERVISOR_TYPE	FALSE	kvm	Cloud	type	Hypervisor type. Valid values are vmware or kvm.	contrail-vrouter-agent, contrail-vrouter-agent
identityManager_apiVersion	FALSE	['v2.0',	OpenStack	identityManager_apiVersion	REST API version for authentication server to connect to. Forma	contrail-webui-xxx
identityManager_strict_ssl	FALSE	FALSE	OpenStack	identityManager_strict_ssl	If TRUE, requires certificates to be valid.	contrail-webui-xxx
imageManager_apiVersion	FALSE	['v1',	OpenStack	config.imageManager.apiVersion	REST API version for VM image hanlder (e.g., glance for opens	contrail-webui-xxx
imageManager_authProtocol	-	http	OpenStack	config.imageManager.authProtocol	Protocol to use to communicate with the VM image handler. Val	contrail-webui-xxx
imageManager_ip	FALSE	127.0.0.1	OpenStack	config.imageManager.ip	IP address to connect to for the VM image handler.	contrail-webui-xxx
imageManager_port	FALSE	9292	OpenStack	config.imageManager.port	Port number to connect to for the VM image handler.	contrail-webui-xxx
imageManager_strictSSL	FALSE	FALSE	OpenStack	config.imageManager.strictSSL	If TRUE, requires certificates to be valid.	contrail-webui-xxx
INSTALL_PUPPET	FALSE	FALSE	Node		If TRUE, installs puppet on host.	contrail-node-init
INSTALL_PUPPET_DIR	FALSE	/tmp	Node		Puppet installation directory.	contrail-node-init
INTROSPECT_CA_CERTFILE	FALSE	$SERVER_CA_CERTFILE	Introspect	config.introspect.ssl.ca	Introspect SSL CA certificate file.	contrail-webui-xxx
INTROSPECT_CERTFILE	FALSE	$SERVER_CERTFILE	Introspect	config.introspect.ssl.cert	Introspect SSL certificate file.	contrail-webui-xxx
INTROSPECT_KEYFILE	FALSE	$SERVER_KEYFILE	Introspect	config.introspect.ssl.key	Private key to use for SSL.	contrail-webui-xxx
INTROSPECT_LISTEN_ALL	FALSE	TRUE	Introspect		If TRUE, allows listening on 0.0.0.0 for Introspect.	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
INTROSPECT_SSL_ENABLE	FALSE	$SSL_ENABLE	Introspect	config.introspect.ssl.enabled	Enables SSL for introspect pages.	contrail-vcenter-fabric-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
INTROSPECT_SSL_INSECURE	FALSE	$SSL_INSECURE	Introspect		Is introspect insecure.	contrail-webui-xxx
IPFABRIC_SERVICE_HOST	FALSE		Node	provisioning parameter	IP Fabric Service IP address.	contrail-nodemgr
IPFABRIC_SERVICE_PORT	FALSE	8775	Node	provisioning parameter	IP Fabric Service port number.	contrail-nodemgr
IPTABLES_CHAIN	FALSE	INPUT	IP		Name of the chain in iptables for configuring host.	contrail-node-init
IPTABLES_TABLE	FALSE	filter	IP		Name of the table in iptables for configuring host.	contrail-node-init
IRONIC_NOTIFICATION_LEVEL	FALSE		OpenStack	notification_level	Ironic notification level.	contrail-openstack-ironic-notification-manager
IRONIC_NOTIFICATION_MANAGER_INTROSPECT	FALSE	8110	OpenStack	introspect_port	Ironic introspect port number.	contrail-openstack-ironic-notification-manager
JVM_EXTRA_OPTS	FALSE		Cassandra		Cassandra option	contrail-external-cassandra
K8S_CA_FILE	FALSE	/var/run/secrets/kubernetes.io/serviceaccount/ca.crt	Kubernetes	k8s_ca_file	Kubernetes CA file	contrail-node-init, contrail-webui-xxx
K8S_TOKEN	FALSE	/tmp/serviceaccount/token	Kubernetes	k8s_token_file	Kubernetes Token	contrail-vrouter-agent, contrail-kube-manager
K8S_TOKEN_FILE	FALSE	/var/run/secrets/kubernetes.io/serviceaccount/token	Kubernetes	token	Kubernetes Token file	contrail-node-init, contrail-webui-xxx, contrail-vrouter-agent, contrail-kube-manager
KAFKA_BROKER_ID	FALSE	1	Kafka	broker.id	Kafka parameter	contrail-external-kafka
KAFKA_CONF_DIR	FALSE		Kafka		Kafka configuration directory.	contrail-external-kafka
KAFKA_delete_topic_enable	FALSE	TRUE	Kafka	delete.topic.enable	Kafka parameter	contrail-external-kafka
KAFKA_DIR	FALSE		Kafka		Kafka directory	contrail-external-kafka
KAFKA_KEY_PASSWORD	FALSE	c0ntrail123	Kafka		Kafka key password	contrail-external-kafka
KAFKA_LISTEN_ADDRESS	FALSE	auto	Kafka		A comma-separated list of listeners, and the host/ip and port to which Kafka binds to on which to listen.	contrail-external-kafka
KAFKA_LISTEN_PORT	FALSE	KAFKA_PORT	Kafka		If set, this is the real listen port.	contrail-external-kafka
KAFKA_log_cleaner_dedupe_buffer_size	FALSE	250000000	Kafka	log.cleaner.dedupe.buffer.size	Kafka parameter	contrail-external-kafka
KAFKA_log_cleaner_enable	FALSE	TRUE	Kafka	log.cleaner.enable	Kafka parameter	contrail-external-kafka
KAFKA_log_cleaner_threads	FALSE	2	Kafka	log.cleaner.threads	Kafka parameter	contrail-external-kafka
KAFKA_log_cleanup_policy	FALSE	delete	Kafka	log.cleanup.policy	Kafka parameter	contrail-external-kafka
KAFKA_log_retention_bytes	FALSE	268435456	Kafka	log.retention.bytes	Kafka parameter	contrail-external-kafka
KAFKA_log_retention_hours	FALSE	24	Kafka	log.retention.hours	Kafka parameter	contrail-external-kafka
KAFKA_log_segment_bytes	FALSE	268435456	Kafka	log.segment.bytes	Kafka parameter	contrail-external-kafka
KAFKA_NODES	FALSE	$ANALYTICS_ALARM_NODES	Kafka		Kafka nodes list	contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_PARTITIONS	FALSE	30	Kafka	kafka.partitions	Kafka parameter	contrail-analytics-collector
KAFKA_PORT	FALSE	9092	Kafka		The listen port that firewalld opens.	contrail-node-init, contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_SERVERS	FALSE	$KAFKA_NODES:$KAFKA_PORT	Kafka	kafka.broker.list	Internal use only.	contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_SSL_CACERTFILE	FALSE	$SERVER_CA_CERTFILE	Kafka		Kafka SSL CA certificate file.	contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_SSL_CERTFILE	FALSE	$SERVER_CERTFILE	Kafka		Kafka SSL certificate file.	contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_SSL_ENABLE	FALSE	$SSL_ENABLE	Kafka	kafka.ssl.enable	Enables Kafka SSL.	contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_SSL_KEYFILE	FALSE	SERVER_KEYFILE	Kafka		Kafka SSL keyfile.	contrail-external-kafka, contrail-analytics-alarm-gen, contrail-analytics-collector
KAFKA_STORE_PASSWORD	FALSE	c0ntrail123	Kafka		Kafka store password.	contrail-external-kafka
KAFKA_TOPIC	FALSE	structured_syslog_topic	Kafka	kafka.topic	Kafka parameter	contrail-analytics-collector
KEYSTONE_AUTH_ADMIN_PASSWORD	FALSE	contrail123	Keystone	auth.admin_password	Keystone password.	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_ADMIN_PORT	FALSE	35357	Keystone	auth_token_url	Keystone port number.	contrail-openstack-ironic-notification-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_ADMIN_TENANT	FALSE	admin	Keystone	auth.admin_tenant_name	Tenant for Keystone auth admin.	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api

KEYSTONE_AUTH_ADMIN_USER	FALSE	admin	Keystone	auth.admin_user	Admin user for Keystone authentication.	contrail-vcenter-fabric-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_ADMIN_USERNAME	FALSE		Keystone		Keystone admin username.	contrail-vcenter-manager
KEYSTONE_AUTH_CA_CERTFILE	FALSE		Keystone	config.identityManager.ca	Keystone SSL CA certificate file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_CERTFILE	FALSE		Keystone	certfile	Keystone SSL certificate file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_HOST	FALSE	127.0.0.1	Keystone	config.identityManager.ip	Keystone host IP address.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_INSECURE	FALSE	$SSL_INSECURE	Keystone		Is keystone auth insecure.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_KEYFILE	FALSE		Keystone	keyfile	Keystone SSL key file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_PROJECT_DOMAIN_NAME	FALSE	Default	Keystone	project_domain_name	Barbican domain name.	contrail-openstack-ironic-notification-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_PROTO	FALSE	http	Keystone	config.identityManager.authProtocol	Keystone protocol. Valid values are http or https.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_PUBLIC_PORT	FALSE	5000	Keystone	config.identityManager.port	Port to connect to for authentication server (e.g, keystone for op	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-webui-xxx
KEYSTONE_AUTH_REGION_NAME	FALSE	RegionOne	Keystone	region	Openstack managed region within a datacenter.	contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_URL_TOKENS	FALSE	/v3/auth/tokens	Keystone	auth_token_url	flag for v2 keystone authentication	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KEYSTONE_AUTH_URL_VERSION	FALSE	/v3	Keystone	identityManager_apiVersion	Keystone HTTP API version. Valid values are /v2 and /v3.	contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api, contrail-analytics-api
KEYSTONE_AUTH_USER_DOMAIN_NAME	FALSE	Default	Keystone	user_domain_name	Keystone username credential.	contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
KUBEMANAGER_INTROSPECT_PORT	FALSE	8108	Kubernetes		Kube manager introspect port number.	contrail-node-init
KUBEMANAGER_NESTED_MODE	FALSE		Kubernetes	nested_mode	Is the cluster installation in nested mode.	contrail-kube-manager, contrail-kubernetes-cni-init
KUBERNESTES_NESTED_VROUTER_VIP	FALSE	10.10.10.2	Kubernetes		Goes to CNI configuration for vrouter IP in case of nested mode	contrail-kubernetes-cni-init
KUBERNETES_API_PORT	FALSE	8080	Kubernetes	kubernetes_api_port	port on which Kubernetes API server listens	contrail-node-init, contrail-webui-xxx, contrail-vrouter-agent, contrail-kube-manager
KUBERNETES_API_SECURE_PORT	FALSE	6443	Kubernetes	kubernetes_api_secure_port	Secure port to access a Kubernates cluster API	contrail-vrouter-agent, contrail-kube-manager
KUBERNETES_API_SERVER	FALSE	$CONFIG_NODES	Kubernetes	kubernetes_api_server	kubernetes server where the config node resides.	contrail-node-init, contrail-webui-xxx, contrail-vrouter-agent, contrail-kube-manager
KUBERNETES_CLUSTER_NAME	FALSE	k8s	Kubernetes	cluster_name	Name of the kubernetes cluster.	contrail-kube-manager

Parameter		Default	Category	Config key	Description	Container
KUBERNETES_CLUSTER_NETWORK	FALSE	{}	Kubernetes	cluster_network		contrail-kube-manager
KUBERNETES_CLUSTER_PROJECT	FALSE	{}	Kubernetes	cluster_project		contrail-kube-manager
KUBERNETES_HOST_NETWORK_SERVICE	FALSE	FALSE	Kubernetes	host_network_service		contrail-kube-manager
KUBERNETES_IP_FABRIC_FORWARDING	FALSE	FALSE	Kubernetes	ip_fabric_forwarding		contrail-kube-manager
KUBERNETES_IP_FABRIC_SNAT	FALSE	FALSE	Kubernetes	ip_fabric_snat		contrail-kube-manager
KUBERNETES_IP_FABRIC_SUBNETS	FALSE	10.64.0.0/12	Kubernetes	ip_fabric_subnets		contrail-kube-manager
KUBERNETES_POD_SUBNETS	FALSE	10.32.0.0/12	Kubernetes	pod_subnets	IP addresses for all PODS are coolcated from pod subnet.	contrail-vrouter-agent, contrail-kube-manager
KUBERNETES_PORT_443_TCP_PORT	FALSE		Kubernetes	k8s_port	K8S port, used in k8s base URL for certificates intializetion	contrail-node-init, contrail-webui-xxx
KUBERNETES_PUBLIC_FIP_POOL	FALSE	{}	Kubernetes	public_fip_pool		contrail-kube-manager
KUBERNETES_SERVICE_HOST	FALSE		Kubernetes	k8s_host	Kubernetes host for certificate initialization.	contrail-node-init, contrail-webui-xxx
KUBERNETES_SERVICE_SUBNETS	FALSE	10.96.0.0/12	Kubernetes	service_subnets		contrail-kube-manager
KUE_UI_PORT	FALSE	3002	Web	config.kue.ui_port	KUE job scheduler.	contrail-webui-xxx
LINKLOCAL_SERVICE_IP	FALSE	169.254.169.254	Node	provisioning parameter	API servier IP address.	contrail-nodemgr
LINKLOCAL_SERVICE_NAME	FALSE	metadata	Node	provisioning parameter	Link local service name.	contrail-nodemgr
LINKLOCAL_SERVICE_PORT	FALSE	80	Node	provisioning parameter	Link local service port number.	contrail-nodemgr
LOG_DIR	FALSE	/var/log/contrail	Logging	log_file	Local log file name.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
LOG_LEVEL	FALSE	SYS_NOTICE	Logging	log_level	Log severity levels. Valid values are SYS_EMERG, SYS_ALERT, SYS_CRIT, SYS_ERR, SYS_WARN, SYS_NOTICE, SYS_INFO and SYS_DEBUG. Default is SYS_NOTICE.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-controller-config-stats, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
LOG_LOCAL	FALSE	1	Logging	log_local	Enables local file logging. Valid values are 0 (disable) and 1 (enable).	contrail-openstack-ironic-notification-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
MAINTENANCE_MODE	FALSE		vRouter		Used during ISSU to disable provisioning calls to Config API.	contrail-nodemgr
METADATA_PROXY_SECRET	FALSE	contrail	Metadata	metadata_proxy_secret	Shared secret for metadata services.	contrail-vrouter-agent
METADATA_SSL_CA_CERTFILE	FALSE		Metadata	metadata_ca_cert	Metadata SSL CA certificate file.	contrail-vrouter-agent
METADATA_SSL_CERT_TYPE	FALSE		Metadata	metadata_ssl_conf+	Metadata SSL certificate type.	contrail-vrouter-agent
METADATA_SSL_CERTFILE	FALSE		Metadata	metadata_client_cert	Metadata SSL certificate file.	contrail-vrouter-agent
METADATA_SSL_ENABLE	FALSE	FALSE	Metadata	metadata_use_ssl	If TRUE, enable SSL for Metadata proxy connection.	contrail-vrouter-agent
METADATA_SSL_KEYFILE	FALSE		Metadata	metadata_client_key	Client key for Metadata proxy connection.	contrail-vrouter-agent
MY_ZOO_IP	FALSE		Zookeeper	clientPortAddress	The port on which the server accepts client connection requests. Use the format: clientPortAddress=1.1.1.1.	contrail-external-zookeeper
networkManager_apiVersion	FALSE	[]	OpenStack	config.networkManager.apiVersion	REST API Version for network creation/deletion handler (e.g. neutron for openstack) to connect to.	contrail-webui-xxx
networkManager_authProtocol	FALSE	http	OpenStack	config.networkManager.authProtocol	Protocol to use to communicate with the network creation/deletion handler. Valid values are http or https.	contrail-webui-xxx
networkManager_ca	FALSE		OpenStack	config.networkManager.ca	An authority certificate to check the remote host against.	contrail-webui-xxx
networkManager_ip	FALSE	127.0.0.1	OpenStack	config.networkManager.ip	IP address to connect to for the network creation/deletion handler.	contrail-webui-xxx
networkManager_port	FALSE	9696	OpenStack	config.networkManager.port	Port number to connect to for the network creation/deletion handler.	contrail-webui-xxx
networkManager_strictSSL	FALSE	FALSE	OpenStack	config.networkManager.strictSSL	If true, requires certificates to be valid.	contrail-webui-xxx
NIC_OFFLOAD_ENABLE	FALSE	FALSE	Host		If TRUE, enables NIC offload.	contrail-vrouter-agent-dpdk
NODE_TYPE	FALSE	name	Node	ntype	Set type of Pod which nodemanager will serve. This issed as a parameter for running container. Valid values are control, analytics, database, config-database, analytics-snmp, analytics-alarm, vrouter, and config.	contrail-nodemgr
NODEMGR_TYPE	FALSE	$NODE_TYPE	Node	contrail-$NODE_TYPE	Internal use only.	contrail-nodemgr
orchestrationModuleEndPointFromConfig	FALSE	FALSE	Cloud	config.orchestrationModuleEndPointFromConfig	Indicates how to communicate with the Orchestration modules (networkManager, imageManager, computeManager, storageManager). Note: config.identityManager is not controlled by this boolean flag. If TRUE, WebServer communicates using the ip/port/authProtocol/apiVersion specified in the config file. If FALSE, these values should be taken from auth catalog list.	contrail-webui-xxx
PHYSICAL_INTERFACE	FALSE	compute physical interface	Host	compute node physical interface name	Physical network parameter to setup Contrail.	contrail-vrouter-agent, contrail-kubernetes-cni-init
PRIORITY_BANDWIDTH	FALSE		vRouter	priority_bandwidth_list	Contrail QoS config. This is the total hardware queue bandwidth used by priority group.	contrail-vrouter-agent
PRIORITY_ID	FALSE		vRouter	priority_id_list	Contrail QoS config. This is the priority group for QoS.	contrail-vrouter-agent
PRIORITY_SCHEDULING	FALSE		vRouter	priority_scheduling_list	Contrail QoS config. Defines the scheduling algorithm used for the priority group, strict or roundrobin (rr).	contrail-vrouter-agent
PRIORITY_TAGGING	FALSE	TRUE	vRouter	qos_queueing_option	Contrail QoS config. Knob to configure priority tagging.	contrail-vrouter-agent
PRIVATE_KEY_BITS	FALSE	2048	Server	openssl option	OpenSSL option for certificate generation.	contrail-node-init, contrail-webui-xxx
PROVISION_DELAY	FALSE		vRouter		Pause for provisioning attempt retries.	contrail-nodemgr
PROVISION_RETRIES	FALSE		vRouter		Number of retries for provisioning attempts.	contrail-nodemgr
QOS_DEF_HW_QUEUE	FALSE	FALSE	vRouter	default_hw_queue	If TRUE, sets default_hw_queue in vrouter to true.	contrail-vrouter-agent
QOS_LOGICAL_QUEUES	FALSE		vRouter	logical_queue	List of QOS logical queues for vrouter.	contrail-vrouter-agent
QOS_QUEUE_ID	FALSE		vRouter	QUEUE-IDs	List of QOS queue IDs for vrouter.	contrail-vrouter-agent
QUERYENGINE_INTROSPECT_LISTEN_PORT	FALSE	$QUERYENGINE_INTROSPECT_PORT	Analytics	http_server_port	If set, this is the real listen port.	contrail-analytics-query-engine
QUERYENGINE_INTROSPECT_PORT	FALSE	8091	Query	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-query-engine
QUERYENGINE_MAX_SLICE	FALSE	100	Analytics	max_slice	Max number of rows in chunk slice.	contrail-analytics-query-engine

QUERYENGINE_MAX_TASKS	FALSE	16	Analytics	max_tasks	Max number of tasks used for a query.	contrail-analytics-query-engine
QUERYENGINE_START_TIME	FALSE	0	Analytics	start_time	Lowest start time for queries.	contrail-analytics-query-engine
RABBITMQ_CLIENT_SSL_CACERTFILE	FALSE	$RABBITMQ_SSL_CACERTFILE	RabbitMQ	rabbitmq_ssl_ca_certs	RabbitMQ Client SSL CA certificate file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_CLIENT_SSL_CERTFILE	FALSE	$RABBITMQ_SSL_CERTFILE	RabbitMQ	rabbitmq_ssl_certfile	RabbitMQ Client SSL certificate file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_CLIENT_SSL_KEYFILE	FALSE	$RABBITMQ_SSL_KEYFILE	RabbitMQ	rabbitmq_ssl_keyfile	RabbitMQ Client SSL key file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_DIST_PORT	FALSE	$RABBITMQ_NODE_PORT	RabbitMQ	exported to env	RabbitMQ variable.	contrail-node-init
RABBITMQ_EPMD_PORT	FALSE	4369	RabbitMQ	exported to env	Opened in firewalld	contrail-node-init
RABBITMQ_ERLANG_COOKIE	FALSE		RabbitMQ	file: /var/lib/rabbitmq/.erlang.cookie	RabbitMQ erlang cookie file.	contrail-external-rabbitmq
RABBITMQ_HEARTBEAT_INTERVAL	FALSE	10	RabbitMQ	rabbit_health_check_interval	RabbitMQ parameter	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-external-rabbitmq, contrail-kube-manager
RABBITMQ_MIRRORED_QUEUE_MODE	FALSE		RabbitMQ	ha-mode	RabbitMQ parameter	contrail-external-rabbitmq
RABBITMQ_NODE_PORT	FALSE	5673	RabbitMQ	rabbit_port	RabbitMQ port number.	contrail-openstack-ironic-notification-manager, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_NODES	TRUE	$CONFIGDB_NODES	RabbitMQ	rabbit_server	List of RabbitMQ nodes.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_PASSWORD	FALSE	guest	RabbitMQ	pwd	RabbitMQ administrator password.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_SERVERS	FALSE	$RABBITMQ_NODES:$RABBITMQ_PORT	RabbitMQ	rabbitmq_server_list	Internal use only.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_SSL_CACERTFILE	TRUE	$SERVER_CA_CERTFILE	RabbitMQ	cacertfile	RabbitMQ SSL CA certificate file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_SSL_CERTFILE	TRUE	$SERVER_CERTFILE	RabbitMQ	certfile	RabbitMQ SSL certificate file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT	FALSE	TRUE	RabbitMQ	fail_if_no_peer_cert	RabbitMQ parameter	contrail-external-rabbitmq
RABBITMQ_SSL_KEYFILE	TRUE	$SERVER_KEYFILE	RabbitMQ	keyfile	RabbitMQ SSL key file.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_SSL_VER	FALSE	sslv23	RabbitMQ	rabbitmq_ssl_version	RabbitMQ parameter	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_USE_SSL	FALSE	FALSE	RabbitMQ		If TRUE, enables SSL for RabbitMQ.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_USER	FALSE	guest	RabbitMQ		RabbitMQ user name.	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-external-rabbitmq, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
RABBITMQ_VHOST	FALSE	/	RabbitMQ	rabbitmq_vhost	RabbitMQ parameter	contrail-openstack-ironic-notification-manager, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector
REDIS_LISTEN_ADDRESS	FALSE		Redis	redis parameter	Is taken from REDIS_NODES unless explicitly specified	contrail-external-redis, contrail-external-stunnel
REDIS_NODES	FALSE	$ANALYTICS_NODES	Redis		List of Redis nodes.	contrail-external-redis, contrail-external-stunnel, contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
REDIS_PROTECTED_MODE	FALSE		Redis	redis option	Redis option	contrail-external-redis
REDIS_SERVER_PASSWORD	FALSE		Redis	redis_password	Redis server password.	contrail-webui-xxx, contrail-external-redis, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
REDIS_SERVER_PORT	FALSE	6379	Redis	redis_server_port	Redis server port number.	contrail-node-init, contrail-webui-xxx, contrail-external-stunnel, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-api
REDIS_SERVERS	FALSE	$REDIS_NODES:$REDIS_PORT	Redis	redis_uve_list	Internal use only.	contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
REDIS_SSL_CACERTFILE	FALSE	$SERVER_CA_CERTFILE	Redis		Redis SSL CA certificate file.	contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
REDIS_SSL_CERTFILE	FALSE	$SERVER_CERTFILE	Redis		Redis SSL certificate file.	contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
REDIS_SSL_ENABLE	FALSE	$SSL_ENABLE	Redis	redis_use_ssl	Enables SSL for Redis.	contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api

REDIS_SSL_KEYFILE	FALSE	$SERVER_KEYFILE	Redis		Redis SSL key file.	contrail-analytics-alarm-gen, contrail-analytics-query-engine, contrail-analytics-api
regions_RegionOne	FALSE	<http://127.0.0.1:5000/v2.0>	OpenStack	config.regions.RegionOne	An OpenStack-specific configuration that maps the region name with the keystone endpoint.	contrail-webui-xxx
regionsFromConfig	FALSE	FALSE	OpenStack	config.regionsFromConfig	An OpenStack-specific configuration that specifies whether the region list should be taken from config file or from keystone endpoint. If TRUE, then keystone endpoint is taken from config.regions.If FALSE, the keystone endpoint is taken from config.identityManager	contrail-webui-xxx
REQUIRED_KERNEL_VROUTER_ENCRYPTION	FALSE	4.4.0	vRouter		Internal use only.	contrail-vrouter-agent
RNDC_KEY	FALSE	xvysmOR8InUQRBcunkC6vg==	DNS	secret	RNDC key for DNS and named.	contrail-control-named, contrail-control-dns
RSYSLOGD_XFLOW_LISTEN_PORT	FALSE	9898	Redis		If set, this is the real listen port (if set, firewalld is not open for it.)	contrail-external-rsyslogd
SAMPLE_DESTINATION	FALSE	collector	vRouter	sample_destination	Destination for session samples. Valid values are collector, file, and syslog. Destinations are mutually exclusive.	contrail-vrouter-agent
SANDESH_CA_CERTFILE	FALSE	$SERVER_CA_CERTFILE	Sandesh		Sandesh SSL CA certificate file.	contrail-vcenter-fabric-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SANDESH_CERTFILE	FALSE	$SERVER_CERTFILE	Sandesh		Sandesh SSL certificate file.	contrail-vcenter-fabric-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SANDESH_KEYFILE	FALSE	$SERVER_KEYFILE	Sandesh		Sandesh SSL key file.	contrail-vcenter-fabric-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SANDESH_SSL_ENABLE	FALSE	$SSL_ENABLE	Sandesh		Enables SSL for Sandesh.	contrail-vcenter-fabric-manager, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SELFSIGNED_CERTS_WITH_IPS	FALSE	TRUE	Server		Adds local IPs to self-signed certificates.	contrail-node-init
SERVER_CA_CERTFILE	TRUE	/etc/contrail/ssl/certs/ca-cert.pem	Server	ca_certs	Default server SSL CA certificate file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-rabbitmq, contrail-external-kafka, contrail-external-cassandra, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SERVER_CA_KEYFILE	FALSE	/tmp/contrail_ssl_gen/certs/ca.key.pem	Server		Default SSL CA key file.	contrail-node-init, contrail-webui-xxx
SERVER_CERTFILE	TRUE	/etc/contrail/ssl/certs/server.pem	Server	certfile	Default server SSL certificate file.	contrail-openstack-ironic-notification-manager, contrail-vcenter-fabric-manager, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-rabbitmq, contrail-external-kafka, contrail-external-cassandra, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SERVER_KEYFILE	FALSE	/etc/contrail/ssl/private/server-privkey.pem	Server	keyfile	Default SSL key file.	contrail-vcenter-fabric-manager, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-rabbitmq, contrail-external-kafka, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
serviceEndPointTakePublicURL	FALSE	TRUE	OpenStack	config.serviceEndPointTakePublicURL	An OpenStack-specific configuration. If TRUE, publicURL in endpoint will be used to retrieve IP, port, protocol, and version information. If FALSE, the internalURL in endpoint will be used to retrieve IP, port, protocol, and version information. NOTE: If config.orchestrationModuleEndPointFromConfig is set to TRUE, then this flag does not affect any orchestration modules. If config.contrailEndPointFromConfig is set to TRUE, then this flag does not have affect contrail modules as defined in config.endpoints.	contrail-webui-xxx
SLO_DESTINATION	FALSE	collector	vRouter	slo_destination	Destination for SLO. Valid values are collector , file, or syslog. Destinations are mutually exclusive.	contrail-vrouter-agent
SNMPCOLLECTOR_FAST_SCAN_FREQUENCY	FALSE	60	Collector	fast_scan_frequency	Time between snmp interface status poll.	contrail-analytics-snmp-collector
SNMPCOLLECTOR_INTROSPECT_LISTEN_PORT	FALSE	$SNMPCOLLECTOR_INTROSPECT_PORT	Collector	http_server_port	If set, this is the real listen port.	contrail-analytics-snmp-collector
SNMPCOLLECTOR_INTROSPECT_PORT	FALSE	5920	Collector	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-snmp-collector
SNMPCOLLECTOR_SCAN_FREQUENCY	FALSE	600	Collector	scan_frequency	Time between snmp full poll.	contrail-analytics-snmp-collector
SNMPCONFPATH	FALSE	/etc/contrail	Collector	exported to env	Path to the configuration files.	contrail-analytics-snmp-collector
SRIOV_PHYSICAL_INTERFACE	FALSE		Host	file:/sys/class/net/${SRIOV_PHYSICAL_INTERFACE}/device/sriov_numvfs	SRIOV physical interface.	contrail-vrouter-agent
SRIOV_VF	FALSE		Host		SRIOV virtual functions number is written into the file defined by SRIOV_PHYSICAL_INTERFACE	contrail-vrouter-agent

SSL_ENABLE	FALSE	FALSE	Server	api_server_use_ssl	If TRUE, enables SSL.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent, contrail-external-kafka, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
SSL_INSECURE	FALSE	TRUE	Server		Default for SSL to be insecure.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-webui-xxx, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
STATS_COLLECTOR_DESTINATION_PATH	FALSE		Collector	stats_collector	Collector parameter	contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-query-engine, contrail-analytics-api
STATS_SERVER	FALSE	http://stats.tungsten.io/api/stats	DEFAULT	stats_server		contrail-controller-config-stats
storageManager_apiVersion	FALSE	['v1']	OpenStack	config.storageManager.apiVersion	REST API version for storage server (e.g. Swift for OpenStack) to connect to.	contrail-webui-xxx
storageManager_authProtocol	FALSE	http	OpenStack	config.storageManager.authProtocol	Protocol to use when communicate with the storge server (e.g. Swift for OpenStack). Valid values are http and https.	contrail-webui-xxx
storageManager_ca	FALSE		OpenStack	config.storageManager.ca	Authority certificate to check the remote host against.	contrail-webui-xxx
storageManager_ip	FALSE	127.0.0.1	OpenStack	config.storageManager.ip	IP address to connect to for the storge server (e.g. Swift for OpenStack.)	contrail-webui-xxx
storageManager_port	FALSE	8776	OpenStack	config.storageManager.port	Port number to connect to for the storge server (e.g. Swift for OpenStack.)	contrail-webui-xxx
storageManager_strictSSL	FALSE	FALSE	OpenStack	config.storageManager.strictSSL	If TRUE, requires certificates to be valid.	contrail-webui-xxx
SUBCLUSTER	FALSE	none	vRouter	subcluster_name	agent <->control-node connection is established in same sub-cluster (site). subcluster_name is sent by vrouter-agent in XMPP open to controller	contrail-nodemgr, contrail-vrouter-agent
TOPOLOGY_INTROSPECT_LISTEN_PORT	FALSE	$TOPOLOGY_INTROSPECT_PORT	Analytics	http_server_port	If set, this is the real listen port.	contrail-analytics-topology
TOPOLOGY_INTROSPECT_PORT	FALSE	5921	Topology	http_server_port	The listen port that firewalld opens.	contrail-node-init, contrail-analytics-topology
TOPOLOGY_SCAN_FREQUENCY	FALSE	600	Analytics	scan_frequency	Time between snmp full poll.	contrail-analytics-topology
TOR_AGENT_ID	FALSE		Tor	tor_id	Identifier for ToR.	contrail-tor
TOR_AGENT_NAME	FALSE		Tor	agent_name	Unique name of ToR agent.	contrail-tor
TOR_AGENT_OVS_KA	FALSE	10000	Tor	tor_keepalive_interval	keep alive timer interval in ms.	contrail-tor
TOR_HTTP_SERVER_PORT	FALSE	9010	Tor	http_server_port	Http server port number for inspecting ToR agent state.	contrail-tor
TOR_IP	FALSE		Tor	tor_ip	IP address of the ToR to manage.	contrail-tor
TOR_NAME	FALSE		Tor	tor_name	Name of the ToR switch.	contrail-tor
TOR_OVS_PORT	FALSE		Tor	tor_ovs_port	Port number to be used by OVS. Redundnat toragents should use the same port number as this parameter.	contrail-tor
TOR_OVS_PROTOCOL	FALSE	tcp	Tor	tor_ovs_protocol	Connection protocol between TOR Agent and TOR. Valid values are tcp or pssl.	contrail-tor, contrail-tor
TOR_PRODUCT_NAME	FALSE		Tor	tor_product_name	Product name of TOR switch. This is an optional field.	contrail-tor
TOR_TSN_IP	FALSE		Tor	tsn_ip	TSN node IP address.	contrail-tor
TOR_TYPE	FALSE	ovs	Tor	tor_type	The ToR type. This parameter should always be ovs.	contrail-tor
TOR_VENDOR_NAME	FALSE		Tor	tor_vendor_name	Vendor type for the ToR switch.	contrail-tor
TORAGENT_SSL_CACERTFILE	FALSE	$SERVER_CA_CERTFILE	Tor	ssl_cacert	ToR SSL CA certificate file.	contrail-tor
TORAGENT_SSL_CERTFILE	FALSE	$SERVER_CERTFILE	Tor	ssl_cert	ToR SSL certificate file.	contrail-tor
TORAGENT_SSL_KEYFILE	FALSE	$SERVER_KEYFILE	Tor	ssl_keyfile	ToR SSL key file.	contrail-tor
TSN_AGENT_MODE	FALSE	vrouter-agent	TSN	agent_mode	The vrouter agent mode. Valid values are TSN node, TSN no forwarding agent, ToR agent, or vrouter-agent.	contrail-vrouter-agent, contrail-vrouter-agent
TSN_NODES	FALSE		TSN	tsn_servers	List of TSN compute nodes.	contrail-vrouter-agent
VCENTER_API_VERSION	FALSE	vim.version.version10	vCenter	vc_preferred_api_versions		contrail-vcenter-fabric-manager, contrail-vcenter-manager
VCENTER_AUTH_PROTOCOL	FALSE	https	vCenter	config.vcenter.authProtocol	Protocol to use when communicate with vcenter server. Valid values are http or https.	contrail-webui-xxx
VCENTER_DATACENTER	FALSE		vCenter	config.vcenter.datacenter	Data center name.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager, contrail-webui-xxx
VCENTER_DVSWITCH	FALSE		vCenter	config.vcenter.dvsswitch	vDS switch name.	contrail-vcenter-plugin, contrail-vcenter-manager, contrail-webui-xxx
VCENTER_IPFABRICPG	FALSE	contrail-fab-pg	vCenter	vcenter.ipfabricpg		contrail-vcenter-plugin
VCENTER_PASSWORD	FALSE		vCenter	vc_password	Password to log in to the vCenter server.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager
VCENTER_PORT	FALSE	443	vCenter	vc_port	vCenter server port number.	contrail-vcenter-fabric-manager, contrail-vcenter-manager
VCENTER_SERVER	FALSE		vCenter	config.vcenter.server_ip	IP to connect to for the vcenter server	contrail-vcenter-fabric-manager, contrail-vcenter-manager, contrail-webui-xxx
VCENTER_USERNAME	FALSE		vCenter	vc_username	Username to log in to the vCenter server.	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-vcenter-manager
VCENTER_WSDL_PATH	FALSE	/usr/src/contrail/contrail-web-core/webroot/js/vim.wsdl	vCenter	config.vcenter.wsdl	Option to specify custom wsdl file path for vcenter	contrail-webui-xxx
VROUTER_AGENT_INTROSPECT_PORT	FALSE	8085	vRouter		Listen port which firewalld opens	contrail-node-init
VROUTER_AGENT_METADATA_PROXY_PORT	FALSE	8097	vRouter		Listen port which firewalld opens	contrail-node-init
VROUTER_AGENT_NODEMGR_PORT	FALSE	8102	vRouter		Listen port which firewalld opens	contrail-node-init
VROUTER_COMPUTE_NODE_ADDRESS	FALSE	$vrouter_ip	vRouter	compute_node_address	compute node address	contrail-vrouter-agent
VROUTER_CRYPT_INTERFACE	FALSE	crypt0	vRouter	crypt_interface	Crypt interface to vrouter	contrail-vrouter-agent
VROUTER_DECRYPT_INTERFACE	FALSE	decrypt0	vRouter	decrypt interface	Decrypt interface for vrouter	contrail-vrouter-agent
VROUTER_DECRYPT_KEY	FALSE	15	vRouter	vrouter decrypt key	Decrypt key for vrouter	contrail-vrouter-agent
VROUTER_ENCRYPTION	FALSE	TRUE	vRouter	vrouter encryption mode	Enables vrouter encryption	contrail-vrouter-agent
VROUTER_GATEWAY	FALSE	default gateway	Host	gateway	Non-default gateway for vrouter if required	contrail-vcenter-manager, contrail-nodemgr, contrail-tor, contrail-vrouter-agent, contrail-kubernetes-cni-init
VROUTER_HOSTNAME	FALSE		vRouter	agent_name, host_name	Vrouter hostname with which vrouter will be provisioned, used to	contrail-nodemgr
VROUTER_PORT	FALSE	9091	vRouter		Vrouter port for k8s and mesos, also opened by firewalld.	contrail-node-init, contrail-kubernetes-cni-init
WEBUI_HTTP_LISTEN_PORT	FALSE	8180	WebUI	config.http_port	Listen port	contrail-node-init, contrail-webui-xxx
WEBUI_HTTPS_LISTEN_PORT	FALSE	8143	WebUI	config.https_port	Listen port	contrail-node-init, contrail-webui-xxx
WEBUI_INSECURE_ACCESS	FALSE	FALSE	Web	config.insecure_access	Flag indicating if the app server runs on HTTP. True, for HTTP.	contrail-webui-xxx
WEBUI_JOB_SERVER_PORT	FALSE	3000	Web	config.jobServer.server_port	Port to connect to for the UI Job server.	contrail-webui-xxx
WEBUI_LISTEN_ADDRESSES	FALSE	$host_ip	Web	config.webui_addresses	IP where the app server runs	contrail-webui-xxx
WEBUI_LOG_LEVEL	FALSE	debug	Logging	config.logs.level	App server log granularity control.	contrail-webui-xxx
WEBUI_NODES	FALSE	$CONTROLLER_NODES	Web		List of WebUI nodes	contrail-webui-xxx

WEBUI_SSL_CERT_FILE	FALSE	/etc/contrail/webui_ssl/cs-cert.pem	Server		WebUI SSL certificate file	contrail-webui-xxx
WEBUI_SSL_CIPHERS	FALSE	ECDHE-ECDSA-AES256-GCM-SHA384:ECDHE-RSA-AES256-GCM-SHA384:ECDHE-ECDSA-CHACHA20-POLY1305:ECDHE-RSA-CHACHA20-POLY1305:ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-SHA384:ECDHE-RSA-AES256-SHA384:ECDHE-ECDSA-AES128-SHA256:ECDHE-RSA-AES128-SHA256:AES256-SHA	Server	config.server_options.ciphers	A string describing the ciphers to use or exclude. Consult <http:	contrail-webui-xxx
WEBUI_SSL_KEY_FILE	FALSE	/etc/contrail/webui_ssl/cs-key.pem	Server		WebUI SSL key file	contrail-webui-xxx
WEBUI_STATIC_AUTH_PASSWORD	FALSE	contrail123	Web	config.staticAuth[0].password	A config option to bypass authentication when config.orchestrati	contrail-webui-xxx
WEBUI_STATIC_AUTH_ROLE	FALSE	cloudAdmin	Web	config.staticAuth[0].roles	A config option to bypass authentication when config.orchestrati	contrail-webui-xxx
WEBUI_STATIC_AUTH_USER	FALSE	admin	Web	config.staticAuth[0].username	A config option to bypass authentication when config.orchestrati	contrail-webui-xxx
XFLOW_NODE_IP	FALSE		Redis			contrail-external-rsyslogd
XMPP_SERVER_CA_CERTFILE	FALSE	$SERVER_CA_CERTFILE	XMPP	xmpp_ca_cert	XMPP SSL CA certificate file	contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent
XMPP_SERVER_CERTFILE	FALSE	$SERVER_CERTFILE	XMPP	xmpp_server_cert	XMPP SSL certificate file	contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent
XMPP_SERVER_KEYFILE	FALSE	$SERVER_KEYFILE	XMPP	xmpp_server_key	XMPP SSL key file	contrail-control-dns, contrail-control-control, contrail-tor, contrail-vrouter-agent
XMPP_SERVER_PORT	FALSE	5269	XMPP	xmpp_server_port	XMPP server port	contrail-node-init, contrail-control-control, contrail-tor, contrail-vrouter-agent
XMPP_SERVERS	FALSE	$CONTROL_NODES:$XMPP_SERVER_PORT	XMPP	servers	Internal	contrail-tor, contrail-vrouter-agent
XMPP_SSL_ENABLE	FALSE	$SSL_ENABLE	XMPP	xmpp_dns_auth_enable	Enables SSL for XMPP	contrail-nodemgr, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-control-dns, contrail-control-control, contrail-vrouter-agent, contrail-kube-manager, contrail-analytics-alarm-gen
ZOO_CONF_DIR	FALSE		Zookeeper	$ZOO_CONF_DIR/zoo.cfg	Zookeeper config directory	contrail-external-zookeeper
ZOO_DATA_DIR	FALSE		Zookeeper	dataDir	Zookeeper parameter	contrail-external-zookeeper
ZOO_DATA_LOG_DIR	FALSE		Zookeeper	dataLogDir	Zookeeper parameter	contrail-external-zookeeper
ZOO_INIT_LIMIT	FALSE		Zookeeper	initLimit	Zookeeper parameter	contrail-external-zookeeper
ZOO_MAX_CLIENT_CNXNS	FALSE		Zookeeper	maxClientCnxns	Zookeeper parameter	contrail-external-zookeeper
ZOO_MY_ID	FALSE		Zookeeper		Zookeeper parameter	contrail-external-zookeeper
ZOO_PORT	FALSE		Zookeeper	clientPort	Zookeeper parameter	contrail-external-zookeeper
ZOO_SERVERS	FALSE	$ZOOKEEPER_NODES:$ZOOKEEPER_PORT	Zookeeper		Zookeeper parameter	contrail-external-zookeeper
ZOO_SYNC_LIMIT	FALSE		Zookeeper	syncLimit	Zookeeper parameter	contrail-external-zookeeper
ZOOKEEPER_NODES	TRUE	$CONFIGDB_NODES	Zookeeper		List of Zookeeper nodes	contrail-vcenter-plugin, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-external-zookeeper, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-api
ZOOKEEPER_PORT	TRUE	2181	Zookeeper	zoo_servers+	Zookeeper port	contrail-vcenter-plugin, contrail-node-init, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-external-zookeeper, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-alarm-gen, contrail-analytics-collector, contrail-analytics-api
ZOOKEEPER_PORTS	FALSE	2888:3888	Zookeeper	zoo_servers+	Internal	contrail-node-init, contrail-external-zookeeper
ZOOKEEPER_SERVERS	FALSE	$ZOOKEEPER_NODES:$ZOOKEEPER_PORT	Zookeeper	zookeeper	Internal	contrail-vcenter-fabric-manager, contrail-vcenter-plugin, contrail-controller-config-schema, contrail-controller-config-svcmonitor, contrail-controller-config-devicemgr, contrail-controller-config-api, contrail-external-kafka, contrail-kube-manager, contrail-analytics-topology, contrail-analytics-snmp-collector, contrail-analytics-collector
ZOOKEEPER_SERVERS_SPACE_DELIM	FALSE	$ZOOKEEPER_NODES	Zookeeper	zk_list	Inernal	contrail-analytics-alarm-gen, contrail-analytics-api