

command	description	Alert	monitor
<<exchanges>			
curl -s -u admin:admin 'http://localhost:15672/api/exchanges?columns=message_stats.publish_in' jq ".[0].message_stats.publish_in"	Messages published to an exchange (as a count and a rate per second)		-----
curl -s -u admin:admin 'http://localhost:15672/api/exchanges?columns=message_stats.publish_out' jq ".[0].message_stats.publish_out"	Messages that have left an exchange (as a count and a rate per second)		-----
curl -s -u admin:admin 'http://localhost:15672/api/exchanges?columns=message_stats.return_unrouteable' jq ".[0].message_stats.return_unrouteable"	Count of messages not routed to a queue and returned to the publisher.		
<<Nodes>			
curl -s -u admin:admin http://localhost:15672/api/nodes jq .[].disk_free	Bytes of disk is free		-----
curl -s -u admin:admin http://localhost:15672/api/nodes jq .[].mem_used	Bytes in RAM used by a RabbitMQ node (categorized by use)		-----
curl -s -u admin:admin http://localhost:15672/api/nodes jq .[].sockets_used	Count of file descriptors used as network sockets by RabbitMQ processes		-----
curl -s -u admin:admin http://localhost:15672/api/nodes jq .[].fd_used	Count of file descriptors used by RabbitMQ processes		-----
curl -s -u admin:admin http://127.0.0.1:15672/api/nodes jq .[].sockets_used	Count of file descriptors used as network sockets by RabbitMQ processes		
<<queues>			
rabbitmqctl -s list_queues -p vhost queue_name messages	Sum of ready and unacknowledged messages (queue depth).		-----
rabbitmqctl -s list_queues -p vhost queue_name messages_unacknowledged	Count of messages a queue has delivered without receiving acknowledgment from a consumer		-----
rabbitmqctl -s list_queues -p vhost queue_name messages_ready	Count of messages available to consumer		-----
curl -s -u user:pass http://127.0.0.1:15672/api/queues/%2F/prod-chabok-crate-installations?columns=messages_unacknowledged_details jq .messages_unacknowledged_details.rate	unacknowledged messages rate that move in or out of queue.		-----
curl -s -u user:pass http://127.0.0.1:15672/api/queues/%2F/prod-chabok-crate-installations?columns=message_stats.deliver_get_details jq .message_stats.deliver_get_details.rate	delivered messages rate		
curl -s -u user:pass http://127.0.0.1:15672/api/queues/%2F/prod-chabok-crate-installations?columns=message_stats.redeliver_details jq .message_stats.redeliver_details.rate	redelivered messages rate		
rabbitmqctl -s list_queues -p vhost queue_name messages_persistent	Count of messages written to disk		-----
rabbitmqctl -s list_queues -p vhost queue_name message_bytes_persistent	Sum in bytes of messages written to disk		-----
rabbitmqctl -s list_queues -p vhost queue_name message_bytes_ram	Sum in bytes of messages stored in memory		-----
rabbitmqctl -s list_queues -p vhost queue_name consumers	Count of consumers for a given queue		-----
rabbitmqctl -s list_queues -p vhost queue_name consumer_utilisation	Proportion of time that the queue can deliver messages to consumers		-----
rabbitmqctl -s list_queues -p vhost queue_name memory	Bytes of memory allocated by the runtime for the queue, including stack, heap and internal structures.		-----
<<connections>			
rabbitmqctl -s list_connections rcv_oct	Octets received.		-----
rabbitmqctl -s list_connections guest_send_oct	Octets sent.		-----
references:			
https://www.datadoghq.com/blog/rabbitmq-monitoring/	used for key metrics guding.		
https://rawcdn.githack.com/rabbitmq/rabbitmq-management/v3.8.5/priv/www/api/index.html	rabbitmq official api guide.		
https://www.rabbitmq.com/rabbitmqctl.8.html	rabbitmqctl documentation.		