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# Outbound (CX Contact) Private Edition Guide

List Manager metrics and alerts

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Find the metrics LM exposes and the alerts defined for LM.

## Related documentation:

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Service	CRD or annotations?	Port	Endpoint/Selector	Metrics update interval
List Manager	ServiceMonitor	3105	/metrics	15 seconds

See details about:

- List Manager metrics
- List Manager alerts

## Metrics

Metric and description	Metric details	Indicator of
<b>cxc_list_manager_executed_jobs_count</b> Total executed jobs count.	<b>Unit:</b> count <b>Type:</b> Counter <b>Label:</b> n/a <b>Sample value:</b> 42	
<b>cxc_list_manager_running_jobs_count</b> Running jobs count.	<b>Unit:</b> count <b>Type:</b> Gauge <b>Label:</b> n/a <b>Sample value:</b> 4.2	
<b>cxc_list_manager_rejected_jobs_count</b> Rejected jobs count.	<b>Unit:</b> count <b>Type:</b> Counter <b>Label:</b> n/a <b>Sample value:</b> 42	
<b>cxc_list_manager_jobs_duration</b> Job duration, in milliseconds.	<b>Unit:</b> <b>Type:</b> Histogram <b>Label:</b> n/a <b>Sample value:</b> [1, 2, 3]	
<b>cxc_list_manager_responses_summary</b> Response time, in milliseconds.	<b>Unit:</b> <b>Type:</b> Summary <b>Label:</b> ""method", 'path', 'status'"' <b>Sample value:</b> 42	

Metric and description	Metric details	Indicator of
<b>cxc_list_manager_healthy_instance</b> Healthy instance.	<b>Unit:</b> <b>Type:</b> Gauge <b>Label:</b> n/a <b>Sample value:</b> 4.2	
<b>cxc_list_manager_downloaded_compliance_files_count</b> Count of downloaded compliance files.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> n/a <b>Sample value:</b> 42	
<b>cxc_list_manager_contacts_lists_created_count</b> Count of created Contacts Lists.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid','tenant_name"" <b>Sample value:</b> 42	
<b>cxc_list_manager_import_contacts_requests_processed_count</b> Count of created Contacts Lists.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid','tenant_name"" <b>Sample value:</b> 42	
<b>cxc_list_manager_import_contacts_requests_failed_count</b> Count of created Contacts Lists.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid','tenant_name"" <b>Sample value:</b> 42	

## Alerts

The following alerts are defined for List Manager.

Alert	Severity	Description	Based on	Threshold
CXC-LM-LatencyHigh	HIGH	Triggered when the latency for list manager is above the defined threshold		5000ms for 5m
cxc_list_manager_too_highly_errors_from_auth	HIGH	Triggered when there are too many error responses from the auth service (list manager) for more than the specified time threshold.		1m
CXC-CPUUsage	HIGH	Triggered when the CPU utilization of a pod is beyond the threshold		300% for 5m

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Alert	Severity	Description	Based on	Threshold
CXC-MemoryUsage	HIGH	Triggered when the memory utilization of a pod is beyond the threshold.		70% for 5m
CXC-PodNotReadyCount	HIGH	Triggered when the number of pods ready for a CX Contact deployment is less than or equal to the threshold.		1 for 5m
CXC-PodRestartsCount	HIGH	Triggered when the restart count for a pod is beyond the threshold.		1 for 5m
CXC-MemoryUsagePD	HIGH	Triggered when the memory usage of a pod is above the critical threshold.		90% for 5m
CXC-PodRestartsCountPD	HIGH	Triggered when the restart count is beyond the critical threshold.		5 for 5m
CXC-PodsNotReadyPD	HIGH	Triggered when there are no pods ready for CX Contact deployment.		0 for 1m

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