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# Outbound (CX Contact) Private Edition Guide

List Builder metrics and alerts

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

## Related documentation:

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Service	CRD or annotations?	Port	Endpoint/Selector	Metrics update interval
List Builder	ServiceMonitor	3104	/metrics	15 seconds

See details about:

- List Builder metrics
- List Builder alerts

## Metrics

Metric and description	Metric details	Indicator of
<b>cxc_lb_jobs_running_total</b> Number of currently active jobs.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""type", 'ccid', 'tenant_name'" <b>Sample value:</b> [1, 2, 3]	
<b>cxc_lb_contacts_imported_total</b> Total contacts imported.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid", 'tenant_name'" <b>Sample value:</b> 42	
<b>cxc_lb_devices_imported_total</b> Total device imported.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid", 'tenant_name'" <b>Sample value:</b> 42	
<b>cxc_lb_rejected_contact_lines_total</b> Total of rejected lines in input contact list files.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> ""ccid", 'tenant_name'" <b>Sample value:</b> 42	
<b>cxc_lb_healthy_instance</b> Healthy instance.	<b>Unit:</b> <b>Type:</b> Gauge <b>Label:</b> n/a <b>Sample value:</b> 4.2	

Metric and description	Metric details	Indicator of
<b>cxc_lb_request_count</b> Total requests by verb and code.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> "'method', 'path', 'code'" <b>Sample value:</b> 42	
<b>cxc_lb_request_latencies_ms</b> Request latencies histogram by verb, in milliseconds.	<b>Unit:</b> <b>Type:</b> Histogram <b>Label:</b> "'method', 'path', 'code'" <b>Sample value:</b> [1, 2, 3]	
<b>cxc_lb_job_count</b> Total jobs.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> "'type', 'result', 'ccid', 'tenant_name'" <b>Sample value:</b> 42	
<b>cxc_lb_job_duration_seconds</b> Jobs duration histogram in seconds	<b>Unit:</b> <b>Type:</b> Histogram <b>Label:</b> "'type', 'ccid', 'tenant_name'" <b>Sample value:</b> [1, 2, 3]	
<b>cxc_lb_request_out_count</b> Total out requests by verb, destination, and code.	<b>Unit:</b> <b>Type:</b> Counter <b>Label:</b> "'method', 'destination', 'code'" <b>Sample value:</b> 42	
<b>cxc_lb_request_out_latencies_ms</b> Out Request latencies histogram by verb, destination, and code, in milliseconds.	<b>Unit:</b> <b>Type:</b> Histogram <b>Label:</b> "'method', 'destination', 'code'" <b>Sample value:</b> [1, 2, 3]	

## Alerts

The following alerts are defined for List Builder.

Alert	Severity	Description	Based on	Threshold
CXC-LB-LatencyHigh	HIGH	Triggered when the latency for list builder is above the defined threshold.		5000ms for 5m
CXC-CPUUsage	HIGH	Triggered when the CPU utilization of a pod is beyond the threshold		300% for 5m
CXC-MemoryUsage	HIGH	Triggered when the memory utilization of a pod is beyond		70% for 5m

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Alert	Severity	Description	Based on	Threshold
		the threshold.		
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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