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

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