Predefined Data in Data Sources

Interactive reports rely on data sources for information. Data sources are models that allow you to connect to the database information to be presented in reports. Each model comprises a set of predefined data that can be viewed from an interactive report. This appendix lists the predefined data that is available for each data source.

This appendix contains the following sections:

- Data Center Reports, page A-2
- Fault Reports, page A-4
- Mobility Application Reports, page A-9
- Network Service Report, page A-17
- Physical Inventory Reports, page A-18
## Data Center Reports

### Table A-1  Data Center Report—Data Sources

<table>
<thead>
<tr>
<th>Report Name</th>
<th>Available Fields</th>
</tr>
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<tbody>
<tr>
<td>Data Center Inventory</td>
<td>vCenter:</td>
</tr>
<tr>
<td></td>
<td>- VCenter IP Address</td>
</tr>
<tr>
<td></td>
<td>- VCenter DNS Name</td>
</tr>
<tr>
<td></td>
<td>- VCenter Name</td>
</tr>
<tr>
<td>Host</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Host Name</td>
</tr>
<tr>
<td></td>
<td>- Host Description</td>
</tr>
<tr>
<td></td>
<td>- Host IP Address</td>
</tr>
<tr>
<td></td>
<td>- Host DNS Name</td>
</tr>
<tr>
<td></td>
<td>- Host Up Time</td>
</tr>
<tr>
<td></td>
<td>- Core Count per CPU</td>
</tr>
<tr>
<td></td>
<td>- Processor Description</td>
</tr>
<tr>
<td></td>
<td>- NVRAM Size</td>
</tr>
<tr>
<td></td>
<td>- RAM Size</td>
</tr>
<tr>
<td></td>
<td>- Host Connection State</td>
</tr>
<tr>
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<td>- Host Communication State</td>
</tr>
<tr>
<td></td>
<td>- Host Lifecycle State</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Name</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Type</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Description</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor State</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Software Type</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Start Time</td>
</tr>
<tr>
<td></td>
<td>- Hypervisor Version</td>
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<tr>
<td></td>
<td>- VM Count</td>
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### Table A-1  Data Center Report—Data Sources (continued)

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<td>Host Statistics</td>
<td>• Host CPU Usage&lt;br&gt;• Host Disk Usage&lt;br&gt;• Host Memory Usage&lt;br&gt;• Host Active Guest Memory Usage&lt;br&gt;• VM Lifecycle State</td>
</tr>
<tr>
<td>Virtual Machine</td>
<td>• VM Name&lt;br&gt;• VM IP Address&lt;br&gt;• VM Version&lt;br&gt;• VM State&lt;br&gt;• VM Description&lt;br&gt;• VM DNS Name&lt;br&gt;• UuID&lt;br&gt;• Virtual CPU&lt;br&gt;• VM Up Time&lt;br&gt;• Fault Tolerance Enabled&lt;br&gt;• MAC Address&lt;br&gt;• VM Lifecycle State&lt;br&gt;• VM Communication State</td>
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<td>• VM CPU Usage&lt;br&gt;• VM Disk Usage&lt;br&gt;• VM Memory Usage&lt;br&gt;• VM Active Guest Memory Usage</td>
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## Fault Reports

### Table A-2 Fault Reports — Data Sources

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<td>Network Events:</td>
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<tr>
<td></td>
<td>• Alarm OID</td>
</tr>
<tr>
<td></td>
<td>• Causing Event ID</td>
</tr>
<tr>
<td></td>
<td>• Date</td>
</tr>
<tr>
<td></td>
<td>• Date and Time</td>
</tr>
<tr>
<td></td>
<td>• Device</td>
</tr>
<tr>
<td></td>
<td>• Detailed Description</td>
</tr>
<tr>
<td></td>
<td>• Detection Type</td>
</tr>
<tr>
<td></td>
<td>• Duplication Count</td>
</tr>
<tr>
<td></td>
<td>• Event ID</td>
</tr>
<tr>
<td></td>
<td>• Element Type</td>
</tr>
<tr>
<td></td>
<td>• Event Count</td>
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<tr>
<td></td>
<td>• Event Type</td>
</tr>
<tr>
<td></td>
<td>• First Occurrence</td>
</tr>
<tr>
<td></td>
<td>• Last Occurrence</td>
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<tr>
<td></td>
<td>• Location</td>
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<tr>
<td></td>
<td>• Severity</td>
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*Fault Reports — Data Sources (continued)*

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<td>• Alarm Count</td>
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<tr>
<td></td>
<td>• Average # Correlated Events</td>
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<tr>
<td></td>
<td>• Affected Devices Count</td>
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<tr>
<td></td>
<td>• Date and Time</td>
</tr>
<tr>
<td></td>
<td>• Device</td>
</tr>
<tr>
<td></td>
<td>• Description</td>
</tr>
<tr>
<td></td>
<td>• Duplication Count</td>
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<tr>
<td></td>
<td>• Event Count</td>
</tr>
<tr>
<td></td>
<td>• Element Type</td>
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<tr>
<td></td>
<td>• Highest # Correlated Events</td>
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<td></td>
<td>• Last Modification Time</td>
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<td></td>
<td>• Location</td>
</tr>
<tr>
<td></td>
<td>• Lowest # Correlated Events</td>
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<tr>
<td></td>
<td>• Reduction Count</td>
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<tr>
<td></td>
<td>• Root Event Time</td>
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<td>• Severity</td>
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<td></td>
<td>• Tickets Count</td>
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<td>• Ticket ID</td>
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<td>Archive Events</td>
<td>Network Events:</td>
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<td>• Detection Type</td>
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<td>• Date</td>
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<td></td>
<td>• Date and Time</td>
</tr>
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<td>• Device</td>
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<td></td>
<td>• Event ID</td>
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<td>• Event Type</td>
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<td>• Event Count</td>
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<tr>
<td></td>
<td>• Element Type</td>
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<tr>
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<td>• First Occurrence</td>
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### Table A-2  Fault Reports — Data Sources (continued)

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| Archive Tickets | Ticket:  
  - Acknowledged  
  - Alarm Count  
  - Average # Correlated Events  
  - Affected Devices Count  
  - Date and Time  
  - Device  
  - Description  
  - Duplication Count  
  - Event Count  
  - Element Type  
  - Highest # Correlated Events  
  - Location  
  - Last Modification Time  
  - Lowest # Correlated Events  
  - Reduction Count  
  - Root Event Time  
  - Severity  
  - Tickets Count  
  - Ticket ID |
## Fault Reports — Data Sources (continued)

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<tr>
<td>Detailed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Network Events:</td>
</tr>
<tr>
<td></td>
<td>• Alarm OID</td>
</tr>
<tr>
<td></td>
<td>• Causing Event ID</td>
</tr>
<tr>
<td></td>
<td>• Date</td>
</tr>
<tr>
<td></td>
<td>• Date and Time</td>
</tr>
<tr>
<td></td>
<td>• Device</td>
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<tr>
<td></td>
<td>• Detailed Description</td>
</tr>
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<td></td>
<td>• Detection Type</td>
</tr>
<tr>
<td></td>
<td>• Duplication Count</td>
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<td>• Event ID</td>
</tr>
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<td></td>
<td>• Event Type</td>
</tr>
<tr>
<td></td>
<td>• Element Type</td>
</tr>
<tr>
<td></td>
<td>• Event Count</td>
</tr>
<tr>
<td></td>
<td>• Location</td>
</tr>
<tr>
<td></td>
<td>• Reduction Count</td>
</tr>
<tr>
<td></td>
<td>• Severity</td>
</tr>
<tr>
<td></td>
<td>• Ticket ID</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Audit Events</td>
<td>• Severity</td>
</tr>
<tr>
<td></td>
<td>• Event Count</td>
</tr>
<tr>
<td></td>
<td>• Timestamp</td>
</tr>
<tr>
<td></td>
<td>• Description</td>
</tr>
<tr>
<td></td>
<td>• Username</td>
</tr>
<tr>
<td></td>
<td>• Originating IP address</td>
</tr>
<tr>
<td></td>
<td>• Command details: name, parameters, signature</td>
</tr>
<tr>
<td>Provisioning Events</td>
<td>• Severity</td>
</tr>
<tr>
<td></td>
<td>• Event Count</td>
</tr>
<tr>
<td></td>
<td>• Timestamp</td>
</tr>
<tr>
<td></td>
<td>• Description</td>
</tr>
<tr>
<td></td>
<td>• Username</td>
</tr>
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<td></td>
<td>• Status</td>
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### Fault Reports — Data Sources (continued)

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<tr>
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</tr>
<tr>
<td>System Events</td>
<td>• Severity&lt;br&gt;• Event Count&lt;br&gt;• Event ID&lt;br&gt;• Time&lt;br&gt;• Description&lt;br&gt;• Location,</td>
</tr>
<tr>
<td>Standard Events</td>
<td>Standard Events:&lt;br&gt;• Causing Event ID&lt;br&gt;• Date&lt;br&gt;• Date and Time&lt;br&gt;• Detailed Description&lt;br&gt;• Detection Date&lt;br&gt;• Detection Type&lt;br&gt;• Device&lt;br&gt;• Duplication Count&lt;br&gt;• Element Type&lt;br&gt;• Event Count&lt;br&gt;• Event ID&lt;br&gt;• Event Type&lt;br&gt;• Location&lt;br&gt;• Reduction Count&lt;br&gt;• Severity</td>
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## Mobility Application Reports

### Table A-3  Mobility Application Reports — Data Sources

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<td>Code Division Multiple Access (CDMA)</td>
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<tr>
<td></td>
<td>• Device Name</td>
</tr>
<tr>
<td></td>
<td>• Device IP</td>
</tr>
<tr>
<td></td>
<td>• Device Type</td>
</tr>
<tr>
<td></td>
<td>• Context Name</td>
</tr>
<tr>
<td>CDMA:</td>
<td>• Packet Data Serving Node (PDSN) Service Name</td>
</tr>
<tr>
<td></td>
<td>• Foreign Agent (FA) Service Name</td>
</tr>
<tr>
<td></td>
<td>• Home Agent (HA) Service Name</td>
</tr>
<tr>
<td>Access Point Name (APN):</td>
<td>• APN Name</td>
</tr>
<tr>
<td></td>
<td>• Accounting Mode</td>
</tr>
<tr>
<td></td>
<td>• Selection Mode</td>
</tr>
<tr>
<td></td>
<td>• Allocation Type</td>
</tr>
<tr>
<td></td>
<td>• Active Charging Rule Base</td>
</tr>
<tr>
<td></td>
<td>• IP Header Compression</td>
</tr>
<tr>
<td></td>
<td>• L3 to L2 Address Policy</td>
</tr>
<tr>
<td></td>
<td>• APN Business Tag</td>
</tr>
<tr>
<td></td>
<td>• APN New Call Policy</td>
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Table A-3  Mobility Application Reports —Data Sources (continued)

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<td>• Device IP</td>
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<tr>
<td></td>
<td>• Device Type</td>
</tr>
<tr>
<td></td>
<td>• Context Name</td>
</tr>
<tr>
<td>CDMA SAE:</td>
<td>• PDSN Name</td>
</tr>
<tr>
<td></td>
<td>• SGW Name</td>
</tr>
<tr>
<td></td>
<td>• FA Name</td>
</tr>
<tr>
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<td>• EPDG Name</td>
</tr>
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<td>• MME Name</td>
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<td></td>
<td>• HA Name</td>
</tr>
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<td>• PGW Name</td>
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</tr>
<tr>
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<td>• Accounting Mode</td>
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<td></td>
<td>• Selection Mode</td>
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<td>• Allocation Type</td>
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<td></td>
<td>• IP Header Compression</td>
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<tr>
<td></td>
<td>• L3 to L2 Address Policy</td>
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<tr>
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<td>• APN New Call Policy</td>
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<tr>
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<td>• Active Charging Rule Base</td>
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Table A-3 Mobility Application Reports — Data Sources (continued)

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<th>Report Name</th>
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<td>• Device Type</td>
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<td>• Accounting Mode</td>
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<td>• Allocation Type</td>
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<td></td>
<td>• Active Charging Rule Base</td>
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<td>• IP Header Compression</td>
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<td>• L3 to L2 Address Policy</td>
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<td>• Active Charging Rule Base</td>
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<td>• IP Header Compression</td>
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<td>• L3 to L2 Address Policy</td>
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<td>• APN New Call Policy</td>
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<td>• Home Profile</td>
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Table A-3  Mobility Application Reports —Data Sources (continued)

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<td>• Down Link Committed Data Rate</td>
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<td>• Down Link Rate Limit</td>
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<td>• Down Link Burst Size Auto Readjust</td>
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<td></td>
<td>• Down Link Burst Size Auto Readjust Duration</td>
</tr>
<tr>
<td></td>
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  * GGSN Status  
  * Local IP Address  
  * GTPU Service Name  
  * Accounting Server Timeout  
  * Authentication Server Timeout  
  * PLMN Policy  
  * GGSN New Call Policy  
  **Serving GPRS Support Node (SGSN):**  
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  **APN:**  
  * APN Name  
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  * Selection Mode  
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## Network Service Report

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## Physical Inventory Reports

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<td>• Sub Module Serial Number</td>
</tr>
<tr>
<td>Sub Module</td>
<td>• Sub Module Status</td>
</tr>
<tr>
<td>Sub Module</td>
<td>• Equipment Type¹</td>
</tr>
<tr>
<td>Sub Module</td>
<td>• Sub Module Type</td>
</tr>
</tbody>
</table>
Table A-5  Physical Inventory Reports —Data Sources (continued)

<table>
<thead>
<tr>
<th>Report Name</th>
<th>Available Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Sub Module Software Version</td>
</tr>
<tr>
<td></td>
<td>• Sub Module Hardware Version</td>
</tr>
<tr>
<td></td>
<td>• Sub Module Business Tag</td>
</tr>
<tr>
<td></td>
<td>• Number of Sub Module Ports</td>
</tr>
</tbody>
</table>

1. These fields will have a valid values only for Cisco Linkwood devices.