



Preface	iii
Audience	iii
Organization	iii
Related Documentation	iii
Introduction to Cisco Firepower eXtensible Operating System Faults	1-1
Overview of Faults	1-1
About Faults in FXOS	1-1
Fault Severities	1-2
Fault Types	1-2
Properties of Faults	1-3
Lifecycle of Faults	1-4
Fault Collection Policy	1-4
Faults in Cisco Firepower eXtensible Operating System	1-5
Overview of the Finite State Machine	1-5
About the Finite State Machine in Cisco Firepower eXtensible Operating System	1-5
FSM Stage Names	1-6
FSM in Cisco Firepower eXtensible Operating System	1-6
FXOS Faults	2-1
FSM Faults	3-1
Troubleshooting Transient Faults	4-1
Initial Setup and Discovery Faults	4-1
Virtual Machine Startup Faults	4-5
Introduction to System Event Log Messages	5-1
Information about System Event Log Messages	5-1
SEL File	5-1
SEL Policy	5-2
Baseboard Management Controller Messages	6-1
SEL Device	6-1
SEL Event Record Format	6-1
Sensor Initialization Agent	6-2

- Sensor Data Record Device 6-2
 - SDR Repository Interface 6-2
 - Modal and Nonmodal SDR Repositories 6-2
- Event Receiver Device 6-3
- BMC Commands 6-3
 - SEL Device Commands 6-3
 - SDR Repository Device Commands 6-5
 - Event Receiver Commands 6-7
- SEL Record Examples 6-8
 - Device Presence Changes 6-8
 - LED Color Changes 6-9
 - Voltage Changes 6-9
 - Temperature Changes 6-9