

# Software Asset Management (SWAM) Capability Defect False Positives Guide

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## Defect False Positive Condition Descriptions

Condition	Description
Desired State Process	A defect false positive condition that occurs when the desired state data is not synchronized, inaccurate, or incomplete. This condition is often the result of manual processes.
Architecture and Sensor Deployment	<p>A defect false positive condition that occurs when an actual state sensor is unable to collect necessary data or communicate with the actual state collection manager (ASCM) due to a poor design, network configurations, sensor collection/reporting limitations, or sensor failures.</p> <p>A defect false positive condition that occurs when the collection system is not updated with the collected and reported data due to poor design, configuration issues, or collector failures.</p>
Data Integrity	A defect false positive condition that occurs when tools and systems providing the actual state data have inconsistencies in how they collect, report, and store the data. This condition also occurs if there is a failure in the data storage mechanism.

## SWAM Defects

Defect #	Description
SWAM-1	Software authorization is expired
SWAM-2	Software is on graylist and is marked treated as authorized
SWAM-3	An authorized device's assigned attributes are not collected or defined (Non-reporting for device attributes)
SWAM-4	The D/As device attribute policy is violated
SWAM-5	Known-bad blacklist is not defined for device
SWAM-6	Known-bad blacklist is not deployed or implemented for device
SWAM-7	Known-bad blacklist is out-of-date
SWAM-8	Device has unauthorized, but not blacklisted or graylist-treat as unauthorized, software installed
SWAM-9	Device has blacklisted or graylist-treat as unauthorized software installed
SWAM-10	Software installation restriction mechanism is not deployed or configured correctly
SWAM-11	Software execution restriction mechanism is not deployed or configured correctly
SWAM-12	An important data element of the authorized software inventory is missing
SWAM-13	Installed software has not been reported within a set timeframe for a device (Non-reporting for Software)

## SWAM Defect Mapping to False Positive Conditions

Defect #	Desired State Process	Architecture and Sensor Deployment	Data Integrity
SWAM-1	X		
SWAM-2	X		
SWAM-3		X	
SWAM-4	X		X
SWAM-5	X		
SWAM-6		X	
SWAM-7			X
SWAM-8	X		X
SWAM-9	X		X
SWAM-10		X	X
SWAM-11		X	X
SWAM-12	X		
SWAM-13		X	