Solution Control Server

8.5.100.39

12/19/2025

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Solution Control Server Release Notes

9.x **Solution Control Server** is part of 9.x starting in 8.5.100.25.

Release Date	Release Type	Restrictions	AIX	Linux	Solaris	Windows
02/28/19	General		X	X	X	X

Contents

What's New

This release contains the following new features and enhancements:

- The following new Solution Control Server (SCS) Log Events are used to detect the state changes of the applications and SCS:
  - **43-10327 [+] show details**

Helpful Links

Releases Info

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List of Release Notes

Level	Standard
Text	Application [app name] mode flipped with-in [time] seconds as [<mode>....<flipped-mode>...<flipped-mode>].
New Attributes	[app name] Name of application whose operation mode (either primary or backup) has changed frequently. [time] The time interval within which the operation mode of the application has changed. [<mode>....<flipped-mode>...<flipped-mode>] The sequence of automatic changes in the operation mode of the application.
Description	Reports that the operation mode of an application has changed frequently.

- **43-10328 [+] show details**

Level	Standard
Text	Application [app name] is stable for [time] seconds.
New Attributes	[app name] Name of the application. [time] The time interval during which the operation mode of the application is stable.
Description	Reports that the application is stable for a time period.

- **43-10329 [+] show details**

Level	Standard
Text	SCS[scs name] could have entered split brain state.
New Attributes	[scs name] Name of SCS.
Description	Reports that split brain condition may have occurred for SCS.
Action	Take the appropriate action as described in Detecting split-brain state of Solution Control Servers.

- **43-10330 [+] show details**

Level	Standard
Text	SCS[scs name] recovered from split brain state.
New Attributes	[scs name] Name of SCS.
Description	Reports that SCS has recovered from the split brain state.

- When Solution Control Servers configured as HA pair lost connection and did not recover within the haflip-detect-timeout time frame, both the servers enter into the split brain state and generate the Log Event, **10329**, on becoming primary. When connection between Solution Control Servers is restored, the split brain condition is cleared and the Log Event, **10330**, is generated.

- The following Log Events related to read access activities have been enhanced with additional information, such as the IP address of host, tenant name, application name, and application type:
    - **43-10400 [+] show details**

Text	SC Interface '[app name]' connected, username='[user name]', socket=socket=[socket number], client's host='[IP address:port number]', client's tenant='[tenant]'.
New Attributes	[IP address:port number] The IP address and port number of the host on which the interface application that connected to SC Interface is located. [tenant] The name of the tenant to which the user who logged into the interface application belongs.
Description	Reports that the user has connected to SCS.

    - **43-10401 [+] show details**

Text	SC Interface '[app name]' disconnected,

	username='[user name]', socket=socket=[socket number], client's host='[IP address:port number]', client's tenant='[tenant]'.
New Attributes	[IP address:port number] The IP address and port number of the host on which the interface application that disconnected from SC Interface is located. [tenant] The name of the tenant to which the user who disconnected belongs.
Description	Reports that SCS has disconnected from the user.

- **43-20700 [+] show details**

	Request to start application '[application name]' issued by '[user name]' (client info: socket=[socket number], app='[app name]', host='[IP address:port number]', tenant='[tenant]').
Text	
New Attributes	[app name] The name of the application which called the startup command. [IP address:port number] The IP address and port number of the host on which the client application is located. [tenant] The name of the tenant to which the user belongs.
Description	Reports that a user has called an application startup command.

- **43-20701 [+] show details**

	Request to stop application '[application name]' issued by '[user name]' (client info: socket=[socket number], app='[app name]', host='[IP address:port number]', tenant='[tenant]').
Text	
New Attributes	[app name] The name of the application which called the stop command. [IP address:port number] The IP address and port number of the host on which the application is located. [tenant] The name of the tenant to which the user belongs.
Description	Reports that a user has called an application stop command.

- **43-20709 [+] show details**

	Request to stop solution '[application name]' gracefully issued by '[user name]' (client info: socket=[socket number], app='[app name]',
Text	

	host='[IP address:port number]', tenant= '[tenant]').
New Attributes	[app name] The name of the application. [IP address:port number] The IP address and port number of the host on which the application is located. [tenant] The name of the tenant to which the user belongs.
Description	Reports that a user has requested that a currently running application be stopped gracefully.

Resolved Issues

This release contains the following resolved issues:

When SCS enters the split brain state, SCS now performs a controlled switchover of applications within the timeout period configured using the haflip-detect-timeout option until SCS returns to the normal state. The Log Event, **10327**, is generated when the applications switchover and **10328** is generated when the applications are stable. Previously, the applications switched over frequently when SCS entered the split brain state. (MFWK-21241)

Upgrade Notes

No special procedure is required to upgrade to release 8.5.100.39.